### Accounting

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<tr>
<td>10286</td>
<td>ACCT-001A-03</td>
<td>Financial Accounting I (CLAS)</td>
<td>10:00-12:15 PM</td>
<td>Start: 07/01/2019</td>
<td>VENKATA, LAKSHMAMMA</td>
<td>L84</td>
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<td>End: 08/11/2019</td>
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<tr>
<td>10301</td>
<td>*ACCT-001A-61Z</td>
<td><strong>Financial Accounting I (CLAS)</strong></td>
<td>TBA</td>
<td>Start: 07/01/2019</td>
<td>BOTSFORD, LYDIA</td>
<td>ONLINE</td>
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<td>End: 08/11/2019</td>
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**Course Notes (Summer):** ACCT-001A-61Z: Online Course with on-campus comprehensive end-of quarter exam. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: [https://deanza.instructure.com/courses/3382](https://deanza.instructure.com/courses/3382)
Financial Accounting I (CLAS)  TBA  Starts:  BOTSFORD,  ONLINE
ACCT-001A-65Z  07/01/2019  LYDIA
Ends:  08/11/2019  TBA

Course Notes (Summer): ACCT-001A-65Z: Online Course - One required on-campus comprehensive end-of-quarter exam. Access to a computer, the Web, an individual e-mail address and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ACCT 1B: Financial Accounting II
Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  General Education Status: Non-GE  
|  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (Not open to students with credit in ACCT 1BH.) Prerequisite: ACCT 1A or ACCT 1AH.
Course Description: The primary objective of this course is to help students learn how accounting meets the information needs of various users by developing and communicating information that is used in decision-making. Accordingly, the expected student outcome is the demonstration that the student can read, analyze and interpret external financial statements, including corporate and partnership financial statements.

Financial Accounting II (CLAS)  TBA  Starts:  KWAK,  ONLINE
ACCT-001B-61Z  07/01/2019  CHRISTOPHER
Ends:  08/11/2019  TBA

Course Notes (Summer): ACCT-001B-61Z: Online Course with REQUIRED on-campus comprehensive end-of-quarter exam. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ACCT 1C: Managerial Accounting
Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  General Education Status: Non-GE  
|  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (Not open to students with credit in ACCT 1CH.) Prerequisite: ACCT 1B or ACCT 1BH.
Course Description: Study the role of management accounting information in organizations for operational control, product and customer costing and performance measurement.

Managerial Accounting (CLAS)  TBA  Starts:  KWAK,  ONLINE
ACCT-001C-61Z  07/01/2019  CHRISTOPHER
Ends:  08/11/2019  TBA

Course Notes (Summer): ACCT-001C-61Z: Online Course with REQUIRED on-campus comprehensive end-of-quarter exam. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
ACCT 74: Accounting Ethics
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree Applicable || Grading Method: Letter Grade

Requisites: Prerequisite: ACCT 1A or ACCT 1AH.
Course Description: Study of professional ethics for accounting from a business perspective in context of financial statement fraud and similar business fraud. Topics include nature of accounting, ethical behavior in accounting, regulatory licensing, ethical theory, rules of the code of conduct, ethics of tax accounting and ethics of the auditing function.

12453* Accounting Ethics (CLAS) TBA Starts: JAMES, ALEXIS ONLINE 07/01/2019
ACCT-074.-61Z Ends: 08/11/2019 TBA

Course Notes (Summer): ACCT-074.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ACCT 87AI: Computerized Accounting Programs I (Quickbooks)
Unit(s): 2 || Hours: Two hours lecture (24 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: ACCT 1A or ACCT 1AH.
Course Description: Introduction to computerized accounting for service industry. Applications include general ledger setup, accounts payable, accounts receivable and payroll. Course will take advantage of new accounting software being used in industry.

12808* Computerized Accounting TBA Starts: HAMMOND, LAURIENNE ONLINE 07/01/2019
ACCT-87AI-61Z Programs I (Quickbooks) (CLAS) Ends: 08/11/2019 TBA

ACCT 88: Excel Spreadsheets for Accounting
Unit(s): 2 || Hours: Two hours lecture (24 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: ACCT 1A or ACCT 1AH. Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263; MATH 212 or equivalent; basic knowledge of Excel is highly recommended.
Course Notes (Summer): ACCT-088.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** Administration of Justice

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<th>CRN</th>
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<td>LAWLOR,</td>
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ADMJ 29: Cultural Pluralism and American Law and Justice

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race, ethnicity, gender, class, religious background, disability, and sexual orientation. Analyzes how these
groups interact with mainstream society through American law, concentrating on both historical and
contemporary state and federal legislation and court rulings. Analyzes how the courts play a role in
determining the status of minority groups. Analyzes the effect of law on cultural pluralism and cultural
diversity in the United States.

ADMJ 029: Cultural Pluralism and American Law and Justice (CLAS)
12291*  Cultural Pluralism and American Law and Justice (CLAS)  TBA  Starts:  KENSLER, MEGHAN  ONLINE
ADMJ-029.-61Z  07/01/2019 08/11/2019

Course Notes (Summer): ADMJ-029.-61Z: Online Course runs from 7/1/19-8/11/19. Students must have access to
a computer, the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from
successfully completing a course. Information about Canvas and Online Education Orientation can be found in
Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ADMJ 75: Principles and Procedures of the Justice System
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as PARA 75 and POLI 75. Students may enroll in only one department for credit.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273. Course Description: Procedures followed by law enforcement and courts in criminal cases; constitutional principles governing those procedures.

ANTH 1: Physical Anthropology
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in ANTH 1H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5. Course Description: Introduction to biological aspects of humans. A bio-cultural and an evolutionary approach is used to understand human variation and human evolution. Issues and topics will include, human variation and its adaptive significance, biological and behavioral evolution of humans, comparative
primate anatomy and behavior, evolutionary theory, and the impact of cultural, technological and environmental change on human biology and behavior.

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Course Notes (Summer): ANTH-001.-61Z: Online Course. Access to a computer, the Web, and an individual e-mail address is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ANTH 1L: Physical Anthropology Laboratory

Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: ANTH 1 or ANTH 1H (either course may be taken concurrently).

Course Description: Laboratory course in which the students apply and practice the scientific methods, techniques and procedures used by physical anthropologists to understand human evolution, non-human primates and human variation. Students gain practical experience and a deeper understanding by participating in lab exercises, activities and experiments that explore human evolution, osteology, forensics, genetics, modern human variation, primate anatomy and behavior.
Course Notes (Summer): ANTH-002.-61Z: Online Course. Access to a computer, the Web, and an individual e-mail address is required. Information on syllabus and orientation available at http://deanza.edu/online-ed/
**ANTH 4: World Prehistory**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: Worldwide patterns of cultural transformation, from the earliest foraging societies to the development of agrarian states. The prehistoric interpretation of these changes based upon the comparison of archaeological evidence from Africa, Asia, Europe, the Middle East, the Americas, and Oceania.

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**Arts**

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<th>CRN</th>
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<td>Introduction to the Visual Arts (CLAS)</td>
<td>08:30 AM - 12:20 PM</td>
<td>Starts: 07/01/2019</td>
<td>KARMI, YAEL</td>
<td>VPA132</td>
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<td>Ends: 08/11/2019</td>
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**ARTS 2F: History of Art: Multicultural Arts in the United States**

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
Also Listed As: (Also listed as ICS 5. Students may enroll in either department, but not both, for credit.)  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** A cross-cultural introduction to American art history which includes interdisciplinary analysis of diverse art forms generated by artists of color, including African Americans, Asian Americans, Native Americans, Latina(o)s/Chicana(o)s, and Americans of non-European heritage. Significant attention will be given to topics considered important by each ethnicity or group, as well as issues related to racism, gender, social class and contemporary social/political awareness. Traditions, values, and cultural expressions of diverse societies and their contributions to American visual culture are explored.

**Course Notes (Summer):** ARTS-002F-61Z Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**ARTS 2F: History of Art: Multicultural Arts in the United States**

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
Also Listed As: (Also listed as ICS 5. Students may enroll in either department, but not both, for credit.)  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** A cross-cultural introduction to American art history which includes interdisciplinary analysis of diverse art forms generated by artists of color, including African Americans, Asian Americans, Native Americans, Latina(o)s/Chicana(o)s, and Americans of non-European heritage. Significant attention will be given to topics considered important by each ethnicity or group, as well as issues related to racism, gender, social class and contemporary social/political awareness. Traditions, values, and cultural expressions of diverse societies and their contributions to American visual culture are explored.

**Course Notes (Summer):** ARTS-002F-61Z Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** ARTS-002F-61Z Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
ARTS 2G: History of Art: Arts of Asia
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Also Listed As: (Also listed as INTL 10. Students may enroll in either department, but not both, for credit.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: A general introduction to art through major Asian artistic traditions. Focuses upon paintings, sculptures, ceramics, and architecture and their religious, cultural, historical, and social contexts. Examines arts from China, Japan, India, Central Asia, Himalayas, and Southeast Asia and assesses the contributions of Asian art in a global context.

00050* History of Art: Arts of Asia (CLAS) TBA  
ARTS-002G-61Z  
Starts: LEE, SO KAM ONLINE  
07/01/2019  
Ends: 08/11/2019  
TBA

Course Notes (Summer): ARTS-002G-61Z: Online course. Students are required to have access to a computer, the Web with a high-speed Internet connection (required for video streams), and an individual email account. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ARTS 4A: Beginning Drawing
Unit(s): 4  ||  Hours: Three hours lecture, three hours laboratory (72 hours total per quarter).  ||  Repeatability: (This course is included in the Drawing Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; ARTS 8.

Course Description: An introductory course exploring the basic elements and principles of observational drawing, using traditional and experimental media.

11825 ARTS-004A-01 Beginning Drawing (CLAS)  
12:30  
PM-02:20 PM  
Starts: HUGHES, JULIE  
07/01/2019  
Ends: 08/11/2019  
TTh

11825 ARTS-004A-01 Beginning Drawing (LAB)  
02:30  
PM-04:20 PM  
Starts: HUGHES, JULIE  
07/01/2019  
Ends: 08/11/2019  
TTh
ARTS 10A: Three-Dimensional Design
Unit(s): 4 || Hours: Three hours lecture, three hours laboratory (72 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263; MATH 210 or equivalent.
Course Description: Introduction to design elements and principles as they apply to three-dimensional space and form. Idea explorations in various media including wire, clay, plaster, paper, wood metals and found objects.

12244ARTS-010A-01 Three-Dimensional Design (CLAS) 12:30 PM-02:20 PM Starts: 07/01/2019 JAUCH, PATRICIA A71 Ends: 08/11/2019 MTW
12244ARTS-010A-01 Three-Dimensional Design (LAB) 02:30 PM-04:20 PM Starts: 07/01/2019 JAUCH, PATRICIA A71 Ends: 08/11/2019 MTW

Course Notes (Summer): ARTS-010A-01: Registered students in this course must pass the shop safety test and will be required to comply with all shop safety requirements.

ARTS 10B: Intermediate Three-Dimensional Design
Unit(s): 4 || Hours: Three hours lecture, three hours laboratory (72 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: ARTS 10A. Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263; MATH 210 or equivalent.
Course Description: Further exploration and continuation of three-dimensional design focusing on individual projects. Use of various materials including wood, metals, plastic sheet and resin. Introduction of mold making and casting.

12246ARTS-010B-01 Intermediate Three-Dimensional Design (CLAS) 12:30 PM-02:20 PM Starts: 07/01/2019 JAUCH, PATRICIA A71 Ends: 08/11/2019 MTW
12246ARTS-010B-01 Intermediate Three-Dimensional Design (LAB) 02:30 PM-04:20 PM Starts: 07/01/2019 JAUCH, PATRICIA A71 Ends: 08/11/2019 MTW

Course Notes (Summer): ARTS-010B-01: Registered students in this course must pass the shop safety test and will be required to comply with all shop safety requirements.
**ARTS 18A: Ceramics**

Unit(s): 4  ||  Hours: Three hours lecture, three hours laboratory (72 hours total per quarter).  ||  Repeatability: (This course is included in the Ceramic Construction Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263.

**Course Description:** An introduction to ceramics materials, concepts, and processes including basic design principles, creative development, hand-building, throwing, glaze techniques, firing and ceramic terminology. Aesthetics and creative development of clay objects examining historical, contemporary, and personal modes of expression across cultures will be covered.

12250 ARTS-018A-01 Ceramics (CLAS) 09:30 AM-12:20 PM Starts: 07/01/2019 LEWYCKY, JONATHON Ends: 08/11/2019 MW A51

12250 ARTS-018A-01 Ceramics (LAB) 12:30 PM-03:20 PM Starts: 07/01/2019 LEWYCKY, JONATHON Ends: 08/11/2019 MW A51

**ARTS 18D: Ceramics Hand Building**

Unit(s): 4  ||  Hours: Three hours lecture, three hours laboratory (72 hours total per quarter).  ||  Repeatability: (This course is included in the Ceramic Construction Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Prerequisite: ARTS 18A.

**Course Description:** Ceramic construction techniques: use of pinch, coil and slab processes. Use of a variety of clay bodies and various firing techniques associated with functional and non-functional ceramic work.

12467 ARTS-018D-01 Ceramics Hand Building (CLAS) 09:30 AM-12:20 PM Starts: 07/01/2019 LEWYCKY, JONATHON Ends: 08/11/2019 MW A51

12467 ARTS-018D-01 Ceramics Hand Building (LAB) 12:30 PM-03:20 PM Starts: 07/01/2019 LEWYCKY, JONATHON Ends: 08/11/2019 MW A51

**ARTS 53: Introduction to Visual Technology**
Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; ARTS 8. 
Course Description: A survey course for artists and designers, using digital software as a medium of artistic expression. An introduction of fundamental concepts, practices, and theories of digital art production. Student projects will explore the creative and artistic potential of introductory software and experience how each one relates to today's artistic and digital media environment. Topics will include the integration of traditional design, color, and compositional principles with contemporary digital tools. Introductory use of Adobe Illustrator and Adobe InDesign.

Course Notes (Summer): ARTS-053.-61Z: Online Course. Students must have access to a computer, the Web, an individual e-mail address, and to the Adobe creative cloud. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** Astronomy

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<td>Solar System Astronomy</td>
<td>12:30 PM-02:45</td>
<td>07/01/2019-08/11/2019</td>
<td>PETERSON, ERIC</td>
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***** Automotive Technology

Important Department Information: For apprenticeships in Automotive Technology call 408-864-8840.

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Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 212 or equivalent.

Course Description: A selective study of the automobile’s engine systems. Knowledge and skills necessary for basic repair, maintenance, and troubleshooting of today’s engine systems. May be used to fulfill the prerequisite to the Automotive Technology Program.

12790AUTO-050A-01 Introduction to Automotive Principles (CLAS) 09:00 AM-12:50 Ends: 07/01/2019 WISHART, WILLIAM MW

Course Notes (Summer): Recommended: Take both 50A and 50B in the same term

AUTO 50B: Applied Automotive Principles

Unit(s): 2 || Hours: One and one-half hours lecture, two and one-half hours laboratory (48 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree Applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 212 or equivalent; AUTO 50A (may be taken concurrently).

Course Description: Basic experiences in automotive repair and maintenance as related to the engine and its supporting systems.

12189AUTO-050B-01 Applied Automotive Principles (CLAS) 11:30 AM-12:45 Ends: 07/01/2019 WISHART, WILLIAM TTh

12189AUTO-050B-01 Applied Automotive Principles (LAB) 09:00 AM-11:15 Ends: 07/01/2019 WISHART, WILLIAM TTh
**AUTO 66: Automotive Air Conditioning**
Unit(s): 4 1/2  ||  Hours: Four and one-half hours lecture (54 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 212 or equivalent.

**Course Description:** Operation and service of automotive air conditioning refrigeration and electrical control systems. Includes retrofitting. Emphasis on diagnosis and repair of systems. Preparation for Automotive Service Excellence (ASE) certification examination in Area A7.

**AUTO 350A: Introduction to Automotive Principles**
Unit(s): 0  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Repeatability: (No limit on repeatability for 0 unit courses.)  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Noncredit  ||  Grading Method: Pass/Fail

**Requisites:** (This is an enhanced, non-credit CTE course, which can lead to and only be applied to a non-transcriptable certificate.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 212 or equivalent.

**Course Description:** A selective study of the automobile's engine systems. Knowledge and skills necessary for basic repair, maintenance, and troubleshooting of today's engine systems. May be used to fulfill the prerequisite to the Automotive Technology Program.

**AUTO 350B: Applied Automotive Principles**
Unit(s): 0  ||  Hours: One and one-half hours lecture, two and one-half hours laboratory (48 hours total per quarter).  ||  Repeatability: (No limit on repeatability for 0 unit courses.)  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Noncredit  ||  Grading Method: Pass/Fail

**Requisites:** (This is an enhanced, non-credit CTE course, which can lead to and only be applied to a
non-transcriptable certificate.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 212 or equivalent; AUTO 350A (may be taken concurrently).

**Course Description:** Basic experiences in automotive repair and maintenance as related to the engine and its supporting systems.

12697 AUTO-350B-01 Applied Automotive Principles
   (CLAS) 09:00 AM-11:15 Starts: 07/01/2019  WISHART, WILLIAM E12A
   AM Ends: 08/11/2019 TTh

12697 AUTO-350B-01 Applied Automotive Principles
   (LAB) 11:30 AM-12:45 Starts: 07/01/2019  WISHART, WILLIAM E12A
   PM Ends: 08/11/2019 TTh

**Course Notes (Summer):** AUTO-350B-01: 1. This class mirrors the for-credit class of the same number (350B mirrors 50B), so the course description is the same. 2. Non-credit courses are intended for students who want to gain general knowledge, learn a new skill, upgrade existing skills, or enrich their understanding of a wide range of topics. 3. Non-credit courses cannot be used to earn an associate degree nor any college transcriptable certificates. They can, however, be used to earn non-transcriptable vocational certificates.

****** Biology

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**BIOL 6C: Ecology and Evolution**

Unit(s): 6  ||  Hours: Four hours lecture, six hours laboratory (120 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in BIOL 6CH.) Prerequisite: BIOL 6A (or BIOL 6AH) and BIOL 6B, with a grade of C or better. Advisory: EWRT 1A or EWRT 1AH or ESL 5; MATH 114 or equivalent.

**Course Description:** Principles of ecology and evolution. Includes ecology of populations, communities, ecosystems and biomes as well as evolution of populations, and the origin of species and higher taxa. The laboratory portion of the course includes a research project designed, researched and presented by students.
**BIOL 10: Introductory Biology**  
Unit(s): 5  
Hours: Four hours lecture, three hours laboratory (84 hours total per quarter).  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (Not open to students who have completed BIOL 6A, 6AH, 6B, 6C, 6CH, 10H or equivalent.) (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** An introduction to biology as a branch of the biological sciences and to its basic unifying principles, with selected application to the scientific method, evolutionary concepts, genetic modification, biotechnology, ecology, ecological crises and human impacts.

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**Course Notes (Summer):** BIOL-010.-61Z: Online course with video streaming and required on-campus lab and exams. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** BIOL-010.-65Z: Online course with video component and required on-campus lab and exams. Videos streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**BIOL 11: Human Biology**

Unit(s): 5  ||  Hours: Four hours lecture, three hours laboratory (84 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (Not open to students who have completed BIOL 6A, 6AH, 6B, 6C, 6CH or equivalent.) (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** A general introduction to biology and its principles, with a focus on the human body, public health issues, evolution, and the interactions of humans with the environment. The course will introduce the unifying principles of biology, examine the evolution, anatomy, physiology, and variations of the human body, and the physical and societal roots of disease. It will also emphasize the ways human health concerns impact broader social issues surrounding equity, and diversity, and the ongoing impacts of human-related environmental alterations.
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**Course Notes (Summer):** BIOL-011.-61Z: Online course with video component and required on-campus lab and exams. Videos streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: [https://deanza.instructure.com/courses/3382](https://deanza.instructure.com/courses/3382)

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**Course Notes (Summer):** BIOL-011.-65Z: Online course with video component and required on-campus lab and exams. Videos streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: [https://deanza.instructure.com/courses/3382](https://deanza.instructure.com/courses/3382)

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**Course Notes (Summer):** BIOL-011.-66Z: Online course with video component and required on-campus lab and exams. Videos streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: [https://deanza.instructure.com/courses/3382](https://deanza.instructure.com/courses/3382)

**BIOL 40A: Human Anatomy and Physiology**

Unit(s): 5  ||  Hours: Four hours lecture, three hours laboratory (84 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade
**Requisites:** Prerequisite: Satisfactory score on the BIOL 40A Placement Test; or CHEM 1A, 25 or 30A with a grade of C or better. Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** An introduction to the disciplines of Anatomy and Physiology. Study of cell chemistry, cell biology, histology and the integumentary, skeletal and muscular systems with emphasis on homeostatic mechanisms.

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**Course Notes (Summer):** BIOL-040A-01: Students without prerequisites will not be allowed to enroll. See Department: Biology for prerequisite information.

BIOL-040A-02: Students without prerequisites will not be allowed to enroll. See Department: Biology for prerequisite information.

BIOL-040A-03: Students without prerequisites will not be allowed to enroll. See Department: Biology for prerequisite information.
Course Notes (Summer): BIOL-040A-04: Students without prerequisites will not be allowed to enroll. See Department: Biology for prerequisite information.

BIOL 40B: Human Anatomy and Physiology
Unit(s): 5 || Hours: Four hours lecture, three hours laboratory (84 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: BIOL 40A with a grade of C or better. Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: Study of the nervous, circulatory, and respiratory systems.

Course Notes (Summer): BIOL-040B-01: Students without prerequisites will not be allowed to enroll. See Department: Biology for prerequisite information.

BIOL 45: Introduction to Human Nutrition
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: (BIOL 40A, 40B and 40C) or (BIOL 6A or 6AH, 6B and 6C or 6CH), or equivalent, all with a grade of C or better. Advisory: EWRT 1A or EWRT 1AH or ESL 5.
**Course Description:** The chemical classification of nutrients, their functions within the human body, and the effects of nutritional deficiencies and excesses. The relationship of dietary intakes to health and disease.

12231 BIOL-045.-01  Introduction to Human Nutrition  (CLAS)  09:30 AM-11:55 AM  Starts: 07/01/2019  MILLER, ANNE  S57

**Course Notes (Summer):** BIOL-045.-01: Students without prerequisites will not be allowed to enroll. Prerequisite: Biology 40A, 40B and 40C or Biology 6A, 6B and 6C. See Department: Biology above for prerequisite information.

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**BIOL 77: Special Projects in Biology**
Unit(s): 1  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  General Education Status: Non-GE  Program Status: Not Program Applicable (Stand Alone)  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

**Requisites:** Prerequisite: Consent of instructor and division dean.

**Course Description:** Individual research in the biological sciences. Specific projects determined in consultation with the instructor. Outside reading and written report required.

12674 BIOL-077.-65R  Special Projects in Biology  (CLAS)  TBA  Starts: 07/01/2019  STAFF, M  TBA

**Course Notes (Summer):** BIOL-077.-65R: Students are advised to retain all documentation related to the completion of a special project. Transfer of Biol 77, 77X and 77Y units is determined by the receiving school.

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**BIOL 77X: Special Projects in Biology**
Unit(s): 2  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  General Education Status: Non-GE  Program Status: Not Program Applicable (Stand Alone)  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

**Requisites:** Prerequisite: Consent of instructor and division dean.

**Course Description:** Individual research in the biological sciences. Specific projects determined in consultation with the instructor. Outside reading and written report required.

12675 BIOL-077X-65R  Special Projects in Biology  (CLAS)  TBA  Starts: 07/01/2019  STAFF, M  TBA

**Course Notes (Summer):** BIOL-077X-65R: Students are advised to retain all documentation related to the completion of a special project. Transfer of Biol 77, 77X and 77Y units is determined by the receiving school.

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**BIOL 77Y: Special Projects in Biology**
Unit(s): 3  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  General Education Status: Non-GE  Program Status: Not Program Applicable (Stand Alone)
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** Prerequisite: Consent of instructor and division dean.

**Course Description:** Individual research in the biological sciences. Specific projects determined in consultation with the instructor. Outside reading and written report required.

12676 BIOL-077Y-65R Special Projects in Biology (CLAS) TBA  
Starts: 07/01/2019  
Ends: 08/11/2019  
TBA

**Course Notes (Summer):** BIOL-077Y-65R: Students are advised to retain all documentation related to the completion of a special project. Transfer of Biol 77, 77X and 77Y units is determined by the receiving school.

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****** Business

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<td>Introduction to Business (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>Starts: 07/01/2019</td>
<td>BENN ET, BRIAN</td>
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<td>10610* BUS -010.-61Z</td>
<td>Introduction to Business (TBA)</td>
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<td>Starts: 07/01/2019</td>
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**Course Notes (Summer):** BUS -010.-61Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

12615* BUS -010.-65Z | Introduction to Business (TBA) | TBA | Starts: 07/01/2019 | GARBE, EMILY | ONLINE |
**Course Notes (Summer):** BUS -010.-65Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**BUS 18: Business Law I**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 1A or EWRT 1AH or ESL 5; BUS 10.

**Course Description:** An introduction to the American legal system with a focus on laws applicable to business. Topics include sources of law, law and ethics, the structure of the federal and state court systems, the litigation process, alternative dispute resolution methods, contracts, torts, agency law, intellectual property law, criminal law and process, legal research methods, and forms of business organization.

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**00099BUS -018.-01**  Business Law I (CLAS)  10:00 AM-12:15 PM  Starts: 07/01/2019  Ends: 08/11/2019  GOULARTE, RONALD  ADM102

**00100* BUS -018.-61Z**  Business Law I (TBA)  TBA  Starts: 07/01/2019  Ends: 08/11/2019  SALAH, DANNY  ONLINE

**Course Notes (Summer):** BUS -018.-61Z: Video delivered, online course. Streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**11526 * BUS -018.-65Z**  Business Law I (TBA)  TBA  Starts: 07/01/2019  Ends: 08/11/2019  SALAH, DANNY  ONLINE

**Course Notes (Summer):** BUS -018.-65Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**12623* BUS -018.-66Z**  Business Law I (TBA)  TBA  Starts: 07/01/2019  Ends: 08/11/2019  SHAN, WENLEI  ONLINE
### Course Notes (Summer): BUS -018.-66Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: [https://deanza.instructure.com/courses/3382](https://deanza.instructure.com/courses/3382)

### BUS 21: Business and Society

Unit(s): 5  
| Hours: Five hours lecture (60 hours total per quarter). | General Education Status: GE  
| Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** An introduction to the study of the interactions and interdependencies between business, government and society. The course will examine many individual cases of conflict between business and society, both current and historical, and will guide students to explore the lessons these cases hold for current and future business managers.

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<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>12689# BUS -021.-61Z</td>
<td>Business and Society (TBA)</td>
<td>TBA</td>
<td>LILLY, BYRON ONLINE</td>
<td>07/01/2019</td>
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<td>08/11/2019</td>
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### Course Notes (Summer): BUS -021.-61Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: [https://deanza.instructure.com/courses/3382](https://deanza.instructure.com/courses/3382)

### BUS 54: Business Mathematics

Unit(s): 5  
| Hours: Five hours lecture (60 hours total per quarter). | General Education Status: Non-GE  
| Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 210 or equivalent.

**Course Description:** Provides students with a rapid review of basic mathematical operations and concepts in order to improve speed and accuracy, and to introduce and understand its use as a tool to aid in the business and personal finance decision making processes.

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
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<tr>
<td>12715# BUS -054.-61Z</td>
<td>Business Mathematics (TBA)</td>
<td>TBA</td>
<td>HERNANDEZ, GUILLERMO ONLINE</td>
<td>07/01/2019</td>
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### Course Notes (Summer): BUS -054.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on orientation available at [http://deanza.edu/online-ed/](http://deanza.edu/online-ed/)

### BUS 55: Introduction to Entrepreneurship

Unit(s): 5  
| Hours: Five hours lecture (60 hours total per quarter). | General Education Status: Non-GE  
| Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:**

**Course Description:**
**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** A practical study of the operations and essential skills required in small and start-up businesses. Emphasis on the opportunities and problems faced by entrepreneurs in obtaining, managing and financing an independent business. This course will prepare students for developing business plans.

10611 * BUS -055.-61Z Introduction to Entrepreneurship  
(TBA) 

| Starts: | SMITH,  
| End: | ONLINE  
| 07/01/2019 | GORDON  
| 08/11/2019 | TBA  

**Course Notes (Summer):** BUS -055.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**BUS 56: Human Relations in the Workplace**

Unit(s): 5  
| Hours: Five hours lecture (60 hours total per quarter).  
| General Education Status: GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade  

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Human relations behavior in organizations emphasizing personal and interpersonal relationships. Examination of motivation, communication skills, leadership skills, emotional and physical wellness, diversity, and ethical behavior for promoting effectiveness on the job.

12439 * BUS -056.-61Z Human Relations in the Workplace  
(TBA) 

| Starts: | CAPPELLO,  
| End: | ONLINE  
| 07/01/2019 | EMMANUELE  
| 08/11/2019 | TBA  

**Course Notes (Summer):** BUS -056.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**BUS 60: International Business Management**

Unit(s): 5  
| Hours: Five hours lecture (60 hours total per quarter).  
| General Education Status: Non-GE  
| Program Status: Program Applicable  
| Credit Status: Credit - Degree applicable  
| Grading Method: Letter Grade  

**Requisites:** Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** International Business and its functions in a diverse global economy. Understanding cross-border trade and investment; distance, time zone and language issues; national differences in government regulation, culture and business systems.

11527 * BUS -060.-61Z International Business Management  
(TBA) 

| Starts: | YURTSEVEN,  
| End: | ONLINE  
| 07/01/2019 | LALE  
| 08/11/2019 | TBA  

**Course Notes (Summer):** BUS -060.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
**Course Notes (Summer):** BUS -060.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**BUS 85: Business Communication**  
Unit(s): 3  |  Hours: Three hours lecture (36 hours total per quarter).  |  General Education Status: Non-GE  
| Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.  
**Course Description:** Application of writing skills to business communications; public relations functions of business correspondence.

11882  
BUS  -085.-61Z  
Business Communication (TBA)  
TBA  
Starts:  
07/01/2019  
Ends:  
08/11/2019  
TAKYI, ODURO  
ONLINE

**Course Notes (Summer):** BUS -085.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**BUS 89: Advertising**  
Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  General Education Status: Non-GE  
| Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.  
**Course Description:** Advertising as human communication; historic, economic, and social aspects of advertising; why organizations use advertising; role of advertising agency; creative strategy (developing messages through art and copy) and media strategy (deciding where and when to place the messages); development of advertising budgets; analysis and creation of successful advertising campaigns.

11547  
BUS  -089.-61Z  
Advertising (TBA)  
TBA  
Starts:  
07/01/2019  
Ends:  
08/11/2019  
MORGAN, DIONNE  
ONLINE

**Course Notes (Summer):** BUS -089.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**BUS 90: Principles of Marketing**  
Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  General Education Status: Non-GE  
| Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.  
**Course Description:** Fundamentals of marketing: product planning and development; pricing strategies;
and marketing channels.

00105* BUS -090.-61Z Principles of Marketing (TBA) TBA Starts: 07/01/2019 Ends: 08/11/2019 GARBE, EMILY ONLINE

**Course Notes (Summer):** BUS -090.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**** Child Development

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>11851</td>
<td>C D 010G-61 (CLAS)</td>
<td>Child Development (The Early Years)</td>
<td>06:00 PM-09:50 PM</td>
<td>TTh</td>
<td>TALAMANTEZ, RACHEL</td>
<td>G10</td>
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<tr>
<td>12737*</td>
<td>C D -010G-61Z (CLAS)</td>
<td>Child Development (The Early Years)</td>
<td>TBA</td>
<td>Starts: 07/01/2019 Ends: 08/11/2019 LEAL, ANA ONLINE</td>
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</table>

**Course Notes (Summer):** C D -010G-61Z: Online course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
C D 50: Principles and Practices of Teaching Young Children
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** The underlying theoretical principles of developmentally appropriate practices applied to programs, environments, and teaching strategies, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. Includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. (Applicable standards for this course: National Association Education Of Young Children (NAEYC) Standard 1. Promoting Child Development and Learning; 1a, 1b, and 1c; Standard 4 Using Developmentally Effective Approaches 4a, 4b, 4c and 4d; Standard 6 Becoming a Professional 6a, 6b, 6c, 6d and 6e; National Association Education of Young Children (NBPTS) Standard IV promoting Child Development and Learning; Standard IX Reflective Practice; Council for Exceptional (CEC)/ Division for Early Childhood Special Education (DEC) Standard 3 Individual learning differences; Standard 5 Learning environments and social interactions; Standard 9 Professional and ethical practice).

11532 C D -050.-01 Principles and Practices of Teaching Young Children (CLAS) 10:00 AM-12:25 PM Starts: 07/01/2019 VARGAS, NELLIE G10 Ends: 08/11/2019

C D 51A: Basic Student Teaching Practicum
Unit(s): 5 || Hours: Two and one-half hours lecture, eight hours laboratory (126 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** Prerequisite: C D 10G (or PSYC 10G), 12, 50 and 54.

**Course Description:** A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. (This course meets the NAEYC Standards 1, 2, 3, 4, and 5; and NBPTS Standards 1 through 9.)

12736 C D -051A-01 Basic Student Teaching Practicum (CLAS) 12:30 PM-01:35 PM Starts: 07/01/2019 ROY, JAYANTI CD2-28 Ends: 08/11/2019 MTWTh

12736 C D -051A-01 Basic Student Teaching Practicum (LAB) 08:30 AM-12:20 PM Starts: 07/01/2019 ROY, JAYANTI CDC Ends: 08/11/2019 MTWTh
Course Notes (Summer): C D -051A.-01: Student teaching lab hours are Monday through Thursday from 8:30 to 12:20. Seminar is from 12:30 to 1:35 daily in room CD2-28. Students will be placed on campus and off campus at mentor sites. Mandatory orientation meeting will be held from 8:30 to 12:30 on the first Monday of the quarter. You must attend this orientation to take the class. Current TB clearance required by second week of the quarter.

C D 52: Observation and Assessment of Children
Unit(s): 4
Hours: Four hours lecture (48 hours total per quarter).
General Education Status: Non-GE
Program Status: Program Applicable
Credit Status: Credit - Degree applicable
Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: The appropriate use of observation and observational strategies to understand and document development and behavior. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. (This course meets NAEYC Standards 1a, 1b, 2a, 2c, 3a, 3b, 3c, 3d, 6b, 6c SS3, SS5 ; NBPTS Standards 3 and 4; DEC Standard 8 Assessment; CA Early Childhood Educator Competency Focus 1: Observation, Screening, Assessment and Documentation; CA ECE/Infant Family Early Childhood Mental Health Competencies Areas B and E.)

12733 C D -052.-61 Observation and Assessment of Children (CLAS) 06:00 PM-09:50 Starts: WILKIE, ZANA G10 07/01/2019 PM Ends: 08/11/2019

C D 53: Creative Art for the Young Child
Unit(s): 3
Hours: Three hours lecture (36 hours total per quarter).
General Education Status: Non-GE
Program Status: Program Applicable
Credit Status: Credit - Degree applicable
Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: An overview of creative activities for children from infancy through the school years. Emphasis is on design, presentation and assessment of developmentally appropriate activities that use sensory, child centered materials to enhance imagination, creative thinking, problem solving, divergent thinking and self-expression in young children. Special attention is given to creating a climate that supports creative exploration and the role of the teacher in promoting growth and development of creativity in each child. (This course meets NAEYC Standards 1a, 1b, 1c; 4a, 4b, 4d; NBPTS Standards I, II, IV, VI; and CDE/DEC Standards CC1- K10, CC4-S2; EC4-S1; CC7, S10, S11, S13; EC7-S2.)

11854 C D -053.-61 Creative Art for the Young Child (CLAS) 06:00 PM-08:50 Starts: ROY, JAYANTI CD1-10 07/01/2019 PM Ends: 08/11/2019 TTh

C D 54: Curriculum for Early Childhood Programs
Unit(s): 4
Hours: Four hours lecture (48 hours total per quarter).
General Education Status: Non-GE
Program Status: Program Applicable
Credit Status: Credit - Degree applicable
Grading Method: Letter Grade
Requisites: Prerequisite: C D 10G or PSYC 10G (may be taken concurrently). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Curriculum development with emphasis on planning curriculum that is emergent, developmentally and individually appropriate and inclusive for all young children through age six. Students will examine the teacher's role in supporting development by using observation and assessment strategies and emphasizing the essential role of play. Curricular areas included to be explored are: language and literacy, social and emotional learning, sensory learning, art and creativity, and math and science. (This course meets NAEYC Standards 1 and 4; and NBPTS Standards 4, 5 and 6.)

C D 58: Infant/Toddler Development
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Study of physical, cognitive, language, social and emotional development from preconception to age three, with emphasis on cultural diversity, the role of family and relationships in development. Application of theoretical frameworks to interpret behavior and the interaction between heredity and environment. Program and Individualized Family Service Plan planning based on observation of infants and communication with parents will be explored. Ways to implement assessment tool results (such as from Desired Results Developmental Profile and/or Ages and Stages surveys) will be discussed. Methods for infant and toddler care routines, the role of administration, and interpretation of observations will be explored. Best practices, responsive care giving techniques, environments, infant/toddler foundations, health, safety, and licensing requirements will be examined. (This course meets NAEYC Standards 1-5; NBPTS Standards 4 and 5; and DEC Standard 5 Family Based Practices.)

C D 64: Health, Safety, and Nutrition for the Young Child
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health safety and nutrition. The key components that ensure physical health, mental health and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Focus is put on integrating the concepts into everyday planning and program development for all children. (This course meets the California State requirements
for health, safety and nutrition, National Association Education of Young Children (NAEYC) Standard 1.
Promoting Child Development and Learning: 1a, 1b and 1c and Standard 5. Using Content Knowledge to
Build Meaningful Curriculum; 5a, 5b and 5c. National Board of Professional Teaching Standards (NBPTS)
Standards 1, 3 and 4 and Council for Exceptional Children (CEC) Standards 1, 2 and 3.)

10968C D  Health, Safety, and Nutrition for the  12:30 PM-02:55 PM  Starts:  VARGAS,  G10
-064.-01  Young Child (CLAS)  07/01/2019  NELLIE
Ends:  08/11/2019
TWTth

****** Chemistry

Important Department Information: For Summer chemistry courses: See Department link!

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<tr>
<td>CHEM 1A: General Chemistry</td>
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<tr>
<td>Unit(s): 5</td>
<td>Hours: Three hours lecture, six hours laboratory (108 hours total per quarter).</td>
<td>General Education Status: GE</td>
<td>Program Status: Program Applicable</td>
<td>Credit Status: Credit - Degree applicable</td>
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Requisites: (See general education pages for the requirement this course meets.) Prerequisite: CHEM 25 or CHEM 30A or satisfactory score on the Chemistry Placement Test; MATH 114 or equivalent. Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An introduction to the structure and reactivity of matter at the molecular level. Application of critical reasoning to modern chemical theory and structured numerical problem solving. Development of molecular structure from rudimentary quantum mechanics, including an introduction to ionic and covalent bonding. Chemical problem solving involving both formula and reaction stoichiometry employing the unit analysis method. An introduction to thermochemistry and a discussion of the first law of thermodynamics.

00209CHEM-001A-01 General Chemistry (CLAS)  10:30 AM-11:45 AM  Starts:  MUZZI, CINZIA  SC1102
AM  07/01/2019
Ends:  08/11/2019
MTWTh

00209CHEM-001A-01 General Chemistry (LAB)  07:30 AM-10:20 AM  Starts:  MUZZI, CINZIA  SC2202
AM  07/01/2019
Ends:  08/11/2019
MTWTh

00210CHEM-001A-02 General Chemistry (CLAS)  02:30 PM-03:45 PM  Starts:  WOODBURY,  G1
AM  07/01/2019
Ends:  08/11/2019
MTWTh

ERIK
CHEM 1B: General Chemistry

Unit(s): 5 || Hours: Three hours lecture, six hours laboratory (108 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: CHEM 1A with a grade of C or better. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273. 

Course Description: Continuation of an introduction to the principles of chemistry. Investigation of intermolecular forces and their effects on chemical and physical properties. Investigation of reversible reactions from the standpoints of kinetics, thermodynamics, and equilibrium. Investigation and application of gas laws and kinetic molecular theory.
CHEM 1C: General Chemistry and Qualitative Analysis
Unit(s): 5 || Hours: Three hours lecture, six hours laboratory (108 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: CHEM 1B with a grade of C or better. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: This is the third and final quarter in the year long General Chemistry sequence. In this class, advanced equilibrium concepts pertaining to solubility and buffers will be discussed. This will be followed with an introduction to electrochemistry, the chemistry of transition metals, and nuclear chemistry.

00214CHEM-001C-01General Chemistry and Qualitative Analysis (CLAS) 10:30 AM-11:45 AM Starts: 07/01/2019 CIHONSKI, JOHN S32
Ends: 08/11/2019 MTWTh

00214CHEM-001C-01General Chemistry and Qualitative Analysis (LAB) 07:30 AM-10:20 AM Starts: 07/01/2019 CIHONSKI, JOHN SC2208
Ends: 08/11/2019 MTWTh

CHEM 12C: Organic Chemistry
Unit(s): 5 || Hours: Three hours lecture, six hours laboratory (108 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: CHEM 12B with a grade of C or better. Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: An exploration of the physical properties and chemical behavior of important classes of organic compounds, focusing on amines, carboxylic acids, and carboxylic acid derivatives, with an introduction to the chemistry of terpenes, lipids, carbohydrates, and proteins. Emphasis on retrosynthesis, spectroscopic structure determination, and reaction mechanism. Laboratory experiments involving the multi-step synthesis of organic compounds and the characterization of those compounds using chromatography and infrared (IR) and nuclear magnetic resonance (NMR) spectroscopy. For chemistry majors or those in closely allied fields such as biochemistry and chemical engineering.
**CHEM 012C-01 Organic Chemistry (CLAS)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 AM-11:45 AM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>GRAY, DAVID</td>
<td>G4</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** CHEM-012C-01: Student must bring a combination padlock to the first laboratory meeting.

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**CHEM 012C-01 Organic Chemistry (LAB)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30 AM-10:20 AM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>GRAY, DAVID</td>
<td>SC2210</td>
</tr>
</tbody>
</table>

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**CHEM 25: Preparation Course for General Chemistry**

Unit(s): 5

Hours: Four hours lecture, three hours laboratory (84 hours total per quarter).

Formerly: (Formerly CHEM 50.)

General Education Status: Non-GE

Program Status: Program Applicable

Credit Status: Credit - Degree applicable

Grading Method: Letter Grade

**Requisites:** Prerequisite: MATH 114 or equivalent. Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** An introduction to the core theory and problem-solving techniques of chemistry as preparation for CHEM 1A and other science related fields. An introduction to gravimetric and volumetric analysis, rudimentary laboratory equipment and operations, and the preparation and maintenance of a laboratory notebook.

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<thead>
<tr>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>02:30 PM-03:45 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>MILLER, CHAD</td>
<td>G6</td>
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</table>

**CHEM 012C-02 Organic Chemistry (CLAS)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 AM-02:20 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
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<td>SC2210</td>
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</tbody>
</table>

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**CHEM 025.-61 Preparation Course for General Chemistry (CLAS)**

<table>
<thead>
<tr>
<th>Time</th>
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<th>End Date</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>05:30 PM-07:20 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>ZLATOGOROV, ELENA</td>
<td>S32</td>
</tr>
</tbody>
</table>

**CHEM 025.-62 Preparation Course for General Chemistry (CLAS)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>05:30 PM-07:20 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>ZLATOGOROV, ELENA</td>
<td>S32</td>
</tr>
</tbody>
</table>
CHEM 30A: Introduction to General, Organic and Biochemistry I

Unit(s): 5  ||  Hours: Four hours lecture, three hours laboratory (84 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: MATH 114 or equivalent. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: This is a two-part class to be taken in sequence by students entering allied health fields. The focus of the first part of this class is an introduction to general chemistry. This course begins with a discussion of various measurement tools. This will be followed with a discussion of energy and matter which will be followed by a discussion of the discovery of an atom. The next set of topics will cover an introduction to elements, compounds, and types of bonding in compounds followed by various types of chemical reactions and stoichiometric calculations based on chemical equations. Properties of gases and solutions will be discussed. The course concludes with a discussion of acid-base chemistry and nuclear chemistry.
CIS 2: Computers and the Internet in Society
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: A critical examination of the capabilities and uses of the Internet, computers and cellular communications, and how they are changing business, law, politics, health, education, entertainment, and society.

10246* CIS -002.-61Z (CLAS) Computers and the Internet in Society TBA
Starts: 07/01/2019
TAYLOR, VALERIE
Ends: 08/11/2019
ONLINE

Course Notes (Summer): CIS -002.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

CIS 3: Business Information Systems
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: Introduction to management information systems, systems design and development, data communications, data management, office automation, computer hardware and software concepts. Use of common software packages for business applications including word processing, spreadsheets, database, and Internet web tools.

10663* CIS -003.-61Y (CLAS) Business Information Systems 06:00 PM-09:50 Starts: 07/01/2019 NGUYEN, HOANG AT204 PM Ends: 08/11/2019 TTh

10663* CIS -003.-61Y (LAB) Business Information Systems TBA
Starts: 07/01/2019 NGUYEN, HOANG
Ends: 08/11/2019 ONLINE

Course Notes (Summer): CIS 3-61Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically Tuesdays and Thursdays 6:00PM to 9:50PM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Saturdays 1:00PM to 3:40PM. Students may be online anytime during the week to complete online activities.
**CIS 4: Computer Literacy**

Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Formerly: (Formerly CIS 93.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Introduction to basic computer literacy concepts. History of the computer, hardware, software, operating system mechanics, system management utilities, basics of networking and the internet. The social impact and future of computers for communication systems are discussed along with an overview of basic security and privacy concerns. An integrated software package for word processing, spreadsheets, databases, e-mail, Internet and presentations are introduced.
Course Notes (Summer): CIS-004.-61Z: Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

CIS 14A: Visual Basic .NET Programming I
Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
|| General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.  


Course Notes (Summer): CIS 14A- 61Z: Online class. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

CIS 18A: Introduction to Unix/Linux
Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
|| General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; CIS 4.  
Course Description: Introduction to the features of the Unix/Linux operating system including text editing, text file manipulation, electronic mail, Internet utilities, directory structures, input/output handling, and shell features.

10680* CIS -018A-61Y Introduction to Unix/Linux (CLAS) 06:00 PM-09:50 PM Starts: METCALF, KEVIN AT205 07/01/2019 MW Ends: 08/11/2019

10680* CIS -018A-61Y Introduction to Unix/Linux (LAB) TBA Starts: METCALF, KEVIN ONLINE 07/01/2019 TBA Ends: 08/11/2019
**Course Notes (Summer):** CIS 18A - 61Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically Mondays and Wednesdays 6:00PM to 9:50PM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Mondays 3:00PM to 5:40PM. Students may be online anytime during the week to complete online activities.

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**CIS 18B: Advanced Unix/Linux**

Unit(s): 4 1/2  
Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** Prerequisite: CIS 18A. Advisory: CIS 14A, 22A, 36A or 40.

**Course Description:** Expanded coverage of regular expressions and grep. Advanced topics in Unix/Linux include egrep, find, sed, awk, file archiving, compression, and conversion, version control, makefile, basic shell scripts and installation of a Linux distribution.

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**Course Notes (Summer):** CIS-018B-61Z: Online Course with required on campus orientation. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**CIS 21JA: Introduction to x86 Processor Assembly Language and Computer Architecture**

Unit(s): 4 1/2  
Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** Prerequisite: CIS 22B, 22BH or 26A.

**Course Description:** Introduction to the syntax and semantics of the x86 processor assembly language, standard instruction set, selected macros and directives, x86 architecture.

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Course Notes (Summer): CIS -21JA-61Y: Hybrid class (half on line instruction). Access to the Internet required. Class meets physically Tuesdays, and Thursdays 6:00PM to 9:50PM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Fridays 5:00 to 7:40PM. Students may be online anytime during the week to complete online activities. For the CIS prerequisite equivalency information, see the CIS Department web site at: http://www.deanza.edu/cis/.

CIS 22A: Beginning Programming Methodologies in C++
Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

Requisites: (Students may receive credit for either (CIS 22A and CIS 22B/22BH) or CIS 27.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 114 or equivalent.

Course Description: The fundamental constructs of programming and introduces the concept of object oriented programming is covered in the course. Its primary objective is to teach problem solving using the C++ programming language. Emphasis will be placed on structured procedural programming with an introduction to object-oriented programming. Designed primarily for computer science and related transfer majors.

<table>
<thead>
<tr>
<th>11303 * CIS -022A-01Y</th>
<th>Beginning Programming Methodologies in C++ (CLAS)</th>
<th>10:00 AM-11:50 AM</th>
<th>Starts: 07/01/2019</th>
<th>Ends: 08/11/2019</th>
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<tr>
<td></td>
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<td>SO, HANN</td>
<td>AT311</td>
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<tr>
<td>11304 * CIS -022A-02Y</td>
<td>Beginning Programming Methodologies in C++ (LAB)</td>
<td>TBA</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
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<tr>
<td></td>
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<td></td>
<td>SO, HANN</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

Course Notes (Summer): CIS 22A-01Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically Mondays, Tuesdays, Wednesdays, and Thursdays from 10:00AM to 11:50AM. The online portion of the class is conducted via the Canvas Online system. The instructor will be available online Mondays & Wednesdays 12:00PM to 1:15PM. Students may be online anytime during the week to complete online activities.

<table>
<thead>
<tr>
<th>11304 * CIS -022A-02Y</th>
<th>Beginning Programming Methodologies in C++ (CLAS)</th>
<th>03:00 PM-04:50 PM</th>
<th>Starts: 07/01/2019</th>
<th>Ends: 08/11/2019</th>
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<td></td>
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<td>AT204</td>
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<tr>
<td>11304 * CIS -022A-02Y</td>
<td>Beginning Programming Methodologies in C++ (LAB)</td>
<td>TBA</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
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<tr>
<td></td>
<td></td>
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<td>LAU, YAU</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

Course Notes (Summer): CIS -022A-02Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically Mondays, Tuesdays, Wednesdays, and Thursdays from 3:00PM to 4:50PM. The online portion of the class is conducted via the Canvas Online system. The instructor will be available online Mondays and Tuesdays 5:15PM to 6:30PM. Students may be online anytime during the week to complete online activities.
11305* CIS Beginning Programming
   -022A-03Y Methodologies in C++ (CLAS) 12:30 PM-02:20 PM 07/01/2019
   LAU, YAU AT203
   Ends: 08/11/2019
   MTWTh

11305* CIS Beginning Programming
   -022A-03Y Methodologies in C++ (LAB) TBA Starts: 07/01/2019
   LAU, YAU ONLINE
   Ends: 08/11/2019
   TBA

**Course Notes (Summer):** CIS -022A-03Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically Mondays, Tuesdays, Wednesdays, and Thursdays 12:30PM to 2:20PM. The online portion of the class is conducted via the Canvas Online system. The instructor will be available online Wednesdays and Thursdays 5:15PM to 6:30PM. Students may be online anytime during the week to complete online activities.

11361* CIS Beginning Programming
   -022A-04Y Methodologies in C++ (CLAS) 08:00 AM-09:50 AM 07/01/2019
   SO, HANN AT311
   Ends: 08/11/2019
   MTWTh

11361* CIS Beginning Programming
   -022A-04Y Methodologies in C++ (LAB) TBA Starts: 07/01/2019
   SO, HANN ONLINE
   Ends: 08/11/2019
   TBA

**Course Notes (Summer):** CIS -022A-04Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically Mondays, Tuesdays, Wednesdays, and Thursdays 8:00AM to 9:50AM. The online portion of the class is conducted via the Canvas Online system. The instructor will be available online Tuesdays and Thursdays 12:00 noon to 1:15PM. Students may be online anytime during the week to complete online activities.

11307* CIS Beginning Programming
   -022A-61Y Methodologies in C++ (CLAS) 06:00 PM-09:50 PM 07/01/2019
   NGUYEN, TUAN AT312
   Ends: 08/11/2019
   TTh

11307* CIS Beginning Programming
   -022A-61Y Methodologies in C++ (LAB) TBA Starts: 07/01/2019
   NGUYEN, TUAN ONLINE
   Ends: 08/11/2019
   TBA

**Course Notes (Summer):** CIS -022A-61Y: Hybrid Class (partial on line instruction). Access to the Internet required. Class meets physically Tuesdays and Thursdays 6:00PM to 9:50PM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Fridays 3:00PM to 5:40PM. Students may be online anytime during the week to complete online activities.

11299* CIS Beginning Programming
   -022A-61Z Methodologies in C++ (CLAS) TBA Starts: 07/01/2019
   PAPE, MARY ONLINE
   Ends: 08/11/2019
   TBA
Course Notes (Summer): CIS -022A-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382 Note: This online section is best for students who have had some experience in coding before. Learning how to code via online course is more challenging than a face-to-face class mode of delivery.

Course Notes (Summer): CIS -022A-62Y: Hybrid Class (partial on line instruction). Access to the Internet required. Class meets physically Mondays and Wednesdays 6:00PM to 9:50PM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Wednesdays 10:00AM to 12:40PM. Students may be online anytime during the week to complete online activities.

CIS 22B: Intermediate Programming Methodologies in C++
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree Applicable || Grading Method: Letter Grade

Requisites: (Not open to students with credit in CIS 22BH.) (Students may receive credit for either (CIS 22A and CIS 22B/22BH) or CIS 27.) Prerequisite: CIS 22A.

Course Description: A systematic approach to the design, construction and management of computer programs, emphasizing design, programming style, documentation, testing and debugging techniques. Strings, multidimensional arrays, structures, and classes. Pointers: their use in arrays, parameters and dynamic allocation. Introduction to linked lists. Software engineering and computer science students are the targeted group.
**Course Notes (Summer):** CIS -022B-01Y: Hybrid Class (partial on line instruction). Access to the Internet required. Class meets physically Mondays, Tuesdays, Wednesdays and Thursdays 12:30PM to 2:20PM. The on line portion of the class is conducted via Canvas. The instructor will be available online Tuesdays and Thursdays 11:15AM to 12:30PM. Students may be online anytime during the week to complete online activities.

**12142** CIS Intermediate Programming -022B-02Y Methodologies in C++ *(CLAS)* 03:00 PM-04:50 PM 07/01/2019 Starts: 08/11/2019 Ends: AHRENS, AT311 EDWARD

**12142** CIS Intermediate Programming -022B-02Y Methodologies in C++ *(LAB)* TBA 07/01/2019 Starts: 08/11/2019 Ends: ONLINE AHRENS, EDWARD TBA

**Course Notes (Summer):** CIS -022B-02Y: Hybrid Class (partial on line instruction). Access to the Internet required. Class meets physically Mondays, Tuesdays, Wednesdays and Thursdays 3:00PM to 4:50PM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Mondays and Wednesdays 11:15AM to 12:30PM. Students may be online anytime during the week to complete online activities.


**Course Notes (Summer):** CIS -022B-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://deanza.edu/online-ed/

**CIS 22C: Data Abstraction and Structures**

Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

**Requisites:** (Not open to students with credit in CIS 22CH.) Prerequisite: CIS 22B, 22BH or 35A. Advisory: MATH 212 or equivalent.

**Course Description:** Application of software engineering techniques to the design and development of large programs; data abstraction and structures and associated algorithms: stacks, queues, linked lists, trees, graphs, and hash tables; internal and external sorting; use of recursion; team project.

**11306** CIS Data Abstraction and Structures -022C-01Y *(CLAS)* 03:00 PM-04:50 PM 07/01/2019 Starts: 08/11/2019 Ends: EFTEKHARI, AT312 KAMRAN TBA
### Course Notes (Summer): CIS-022C-01Y
CIS-022C-01Y: Hybrid class (partial online instruction). Access to the Internet required.
Class meets physically Mondays, Tuesdays, Wednesdays, and Thursdays 3:00 PM to 4:50 PM. The online portion of the class is conducted via the Canvas Online system. The instructor will be available online Fridays from 2:00 PM to 4:40 PM. Students may be online anytime during the week to complete online activities. ***Please complete the form found at [http://www.deanza.edu/cis/prereqclear.html](http://www.deanza.edu/cis/prereqclear.html) if you feel that you can evidence equivalent coursework and/or job experience that meet the prerequisites for this course.****

### Course Notes (Summer): CIS-022C-61Y
CIS-022C-61Y: Hybrid class (partial online instruction). Access to the Internet required.
Class meets physically Tuesdays and Thursdays 6:00 PM to 9:50 PM. The online portion of the class is conducted via the Canvas Online system. The instructor will be available online Tuesdays and Thursdays 4:30 PM to 5:45 PM. Students may be online anytime during the week to complete online activities.

### CIS 35A: Java Programming
**Unit(s): 4 1/2**
**Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).**
**General Education Status: Non-GE**
**Program Status: Program Applicable**
**Credit Status: Credit - Degree applicable**
**Grading Method: Letter Grade**

**Requisites:** (Students may receive credit for either (CIS 36A and 36B) or 35A, but not both.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; CIS 22B, 22BH, 26A or 27.

**Course Description:** Introduction to Java programming, computing context, primitive types, flow of control constructs, operators, file I/O, objects and classes, inheritance, interfaces, packages, data structures and exceptions.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11306* CIS</td>
<td>Data Abstraction and Structures (LAB)</td>
<td>TBA</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>EFTEKHARI, KAMRAN</td>
<td>ONLINE</td>
</tr>
<tr>
<td>12045* CIS</td>
<td>Data Abstraction and Structures (CLAS)</td>
<td>06:00 PM-09:50 PM</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>LARKIN, GRANT</td>
<td>AT311</td>
</tr>
<tr>
<td>12045* CIS</td>
<td>Data Abstraction and Structures (LAB)</td>
<td>TBA</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>LARKIN, GRANT</td>
<td>ONLINE</td>
</tr>
<tr>
<td>12037* CIS</td>
<td>Java Programming (CLAS)</td>
<td>12:30 PM-02:20 PM</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>YU, LINYUN</td>
<td>AT312</td>
</tr>
<tr>
<td>12037* CIS</td>
<td>Java Programming (LAB)</td>
<td>TBA</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>YU, LINYUN</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>
will be available online Thursdays 8:00PM to 10:40PM. Students may be online anytime during the week to complete online activities.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Schedule</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>12639* CIS -035A-61Y</td>
<td>Java Programming (CLAS)</td>
<td>06:00 PM-09:50</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>ABOLGHASEMI, MIRSAEID</td>
<td>AT203</td>
<td></td>
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<tr>
<td>12639* CIS -035A-61Y</td>
<td>Java Programming (LAB)</td>
<td>TBA</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>ABOLGHASEMI, ONLINE</td>
<td>ONLINE</td>
<td></td>
</tr>
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</table>

**Course Notes (Summer):** CIS -035A-61Y: Hybrid class (partial on line instruction). Access to the Internet required. Class meets physically Tuesdays and Thursdays 6:00PM to 9:50PM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Tuesdays and Thursdays 8:00AM - 9:15AM. Students may be online anytime during the week to complete online activities.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>00234* CIS -035A-61Z</td>
<td>Java Programming (LAB)</td>
<td>TBA</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>SINGH, SUKHJIT ONLINE</td>
<td>ONLINE</td>
<td></td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** CIS -035A-61Z: Online course offered using live lectures (video) using cccconfer.org. Live lectures are recorded and available for review. Students must have access to a computer (high-speed Internet connection required), the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382 Exams are held on campus. Details available in Canvas Assignments page.

**CIS 35B: Advanced Java Programming**

Unit(s): 4 1/2 | Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; CIS 35A.

**Course Description:** Emphasis on foundation technologies in Java that enable you to write server side programs in Java. Concepts include inner classes, exceptions, file I/O, reflections, cloning, multi-threading, Java FX, Web Programming with Java Server Pages, Servlets, JavaServer Faces and JavaBeans.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Schedule</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10683* CIS -035B-61Y</td>
<td>Advanced Java Programming (CLAS)</td>
<td>06:00 PM-09:50</td>
<td>Starts: 07/01/2019</td>
<td>Ends: 08/11/2019</td>
<td>LARKIN, GRANT AT204</td>
<td>AT204</td>
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</tbody>
</table>

| MW |
Advanced Java Programming (LAB) TBA
Starts: LARKIN, GRANT ONLINE
07/01/2019
Ends: 08/11/2019
TBA

Course Notes (Summer): CIS 35B - 61Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically Mondays and Wednesdays from 6:00PM to 9:50PM. The online portion of the class is conducted via the Canvas Online system. The instructor will be available online Mondays and Wednesdays 4:30PM to 5:45PM. Students may be online anytime during the week to complete online activities.

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CIS 36A: Introduction to Computer Programming Using Java
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter). || Formerly: (Formerly CIS 61A.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (Students may receive credit for either (CIS 36A and 36B) or CIS 35A, but not both.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 114 or equivalent. Course Description: An introduction to computer programming. The primary objective is to teach problem solving using the Java programming language. Emphasis will be placed on structured procedural programming with an introduction to object-oriented programming. Designed primarily for computer science and related transfer majors.

Course Notes (Summer): CIS 36A-02Y: Hybrid Class (partial on line instruction). Access to the Internet required. Class meets physically Mondays, Tuesdays, Wednesdays, and Thursdays 10:00AM to 11:50AM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Fridays 9:00AM to 11:40AM. Students may be online anytime during the week to complete online activities.

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Introduction to Computer Programming Using Java (CLAS)
10:00 AM-11:50 AM 07/01/2019 YU, LINYUN AT312
Ends: 08/11/2019

Introduction to Computer Programming Using Java (LAB)
TBA 07/01/2019 YU, LINYUN ONLINE
Ends: 08/11/2019

Course Notes (Summer): CIS 36A-02Y: Hybrid Class (partial on line instruction). Access to the Internet required. Class meets physically Tuesdays and Thursdays 6:00PM to 9:50PM. The online portion of the class is conducted via the Canvas Online system. The instructor will be available online Fridays 7:00PM to 9:40PM. Students may be
online anytime during the week to complete online activities.

**CIS 40: Introduction to Programming in Python**
Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).
||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 114 or equivalent.

**Course Description:** A hands-on introduction to computation through programming and problem solving. Using the popular Python programming language, students will learn software engineering concepts and basic programming constructs while creating graphical applications.

**Course Notes (Summer):** CIS-040-61Y: Hybrid class (partial on line instruction). **THIS COURSE IS FOR STUDENTS WITH LITTLE OR NO PROGRAMMING EXPERIENCE.** Access to the Internet required. Class meets physically Mondays and Wednesdays 6:00PM to 9:50PM. The on line portion of the class is conducted via the Canvas Online system. The instructor will be available online Mondays and Wednesdays from 8:00AM to 9:15AM. Students may be online anytime during the week to complete online activities.

**CIS 56: Network Security**
Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).
||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263; CIS 108.
**Course Description:** Provides broad-based knowledge and hands-on experience with network security. Security topics include access control, cryptography, policies, physical, network, application, data defenses, auditing and security protocols. Also, course can help prepare students to pass the CompTIA Security+ Certification exam.

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Type</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>12390* CIS -056.-61Z</td>
<td>Network Security (CLAS)</td>
<td>TBA</td>
<td>FISK, LEONARD</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
</tr>
<tr>
<td>12390* CIS -056.-61Z</td>
<td>Network Security (LAB)</td>
<td>TBA</td>
<td>FISK, LEONARD</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** CIS -056.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**CIS 64B: Introduction to SQL**

Unit(s): 4 1/2  
Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).  
| General Education Status: Non-GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable |

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; CIS 64A.  
**Course Description:** Introduction to Oracle SQL (Structured Query Language), DML (Data Manipulation Language) processing techniques, DDL (Data Definition Language) techniques, selecting and sorting data, joins, SQL functions, Oracle objects, Oracle data processing concepts to maintain large database systems.

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<tr>
<th>Course ID</th>
<th>Course Title</th>
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<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>11241 * CIS -064B-65Z</td>
<td>Introduction to SQL (CLAS)</td>
<td>TBA</td>
<td>SINGH, SUKHJIT</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
</tr>
<tr>
<td>11241 * CIS -064B-65Z</td>
<td>Introduction to SQL (LAB)</td>
<td>TBA</td>
<td>SINGH, SUKHJIT</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** CIS -064B-65Z: Online course offered using live lectures (video) using cccconfer.org. Live lectures are recorded and available for review. Students must have access to a computer (high-speed Internet connection required), the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**CIS 66: Introduction to Data Communication and Networking**

Unit(s): 5  
Hours: Five hours lecture (60 hours total per quarter).  
| General Education Status: Non-GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable |

**Requisites:**  
**Course Description:**
Requisites: Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263; CIS 3 or CIS 50.

Course Description: Concepts of communication, data communications and networks. Overview of connectivity options, common protocols, local and wide area networks.

12713* CIS -066.-61Z Introduction to Data Communication and Networking (CLAS) TBA Starts: FOROUZAN, ONLINE 07/01/2019 BEHROUZ Ends: 08/11/2019

Course Notes (Summer): CIS -066.-61Z: Access to a computer, the Web and an individual email address required. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

CIS 89A: Web Page Development
Unit(s): 3 || Hours: Two hours lecture, three hours laboratory (60 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; CIS 18A.

Course Description: Fundamentals of Web page design and creation: designing, encoding, and maintaining pages on the World Wide Web using HTML and CSS.


00238* CIS -089A-61Z Web Page Development (LAB) TBA Starts: TAYLOR, ONLINE 07/01/2019 VALERIE Ends: 08/11/2019 TBA

Course Notes (Summer): CIS -89A.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

CIS 95E: CAPM and PMP Exam Preparation
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; CIS 95A or equivalent.

Course Description: Prepares the student for attempting the Project Management Professional (PMP) or Certified Associate in Project Management (CAPM) examination provided by Project Management Institute (PMI). Topics include management of integration, scope, time, cost, quality, human resources, communications, risk and procurement.
Course Notes (Summer): CIS -095E-55L: Class meets for 3 weekends: Jul 13th, Jul 14th, Jul 20th, Jul 21th, Jul 27th, and Jul 28th.

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**CIS 98: Digital Image Editing Software (Photoshop)**

Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).
|| General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263.

**Course Description:** Digital imaging principles to produce graphics for websites. Hands-on experience with the elements and tools to set up files, manage documents, and perform image processing.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Type</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>11301* CIS -098.-61Z</td>
<td>Digital Image Editing Software (Photoshop)</td>
<td>CLAS</td>
<td>HOLMES, PATRICIA</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
</tr>
<tr>
<td>11301* CIS -098.-61Z</td>
<td>Digital Image Editing Software (Photoshop)</td>
<td>LAB</td>
<td>HOLMES, PATRICIA</td>
<td>TBA</td>
<td>TBA</td>
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Course Notes (Summer): CIS -098.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**CIS 99: Office Software Applications**

Unit(s): 4 1/2  ||  Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).
|| General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Introduces concepts and hands-on projects using four common office productivity software programs including word processing, spreadsheet, database and presentation software.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Type</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>11395* CIS -099.-61Z</td>
<td>Office Software Applications</td>
<td>CLAS</td>
<td>LINN JR, ARTHUR</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
</tr>
<tr>
<td>11395* CIS -099.-61Z</td>
<td>Office Software Applications</td>
<td>LAB</td>
<td>LINN JR, ARTHUR</td>
<td>TBA</td>
<td>TBA</td>
</tr>
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</table>
Course Notes (Summer): CIS-099.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

CIS 102: Ethical Hacking
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).
|| General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree Applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263; CIS 66 and 108.

Course Description: Students will scan, test, hack and secure systems. Implement perimeter defenses, scan and attack virtual networks. Other topics include intrusion detection, social engineering, footprinting, DDoS attacks, buffer overflows, SQL injection, privilege escalation, trojans, backdoors and wireless hacking. Legal restrictions and ethical guidelines emphasized. This course also helps prepare students to pass the Certified Ethical Hacker (C|EH) exam.

11528 * CIS Ethical Hacking (CLAS) TBA Starts: AMORUWA, OMATSONE ONLINE
-102.-61Z
07/01/2019 Ends: 08/11/2019
TBA

11528 * CIS Ethical Hacking (LAB) TBA Starts: AMORUWA, OMATSONE ONLINE
-102.-61Z
07/01/2019 Ends: 08/11/2019
TBA

Course Notes (Summer): CIS-102.-61Z Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

CIS 108: Personal Computer Security Basics
Unit(s): 4 1/2 || Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).
|| General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263.

Course Description: Beginner's computer security course for small office or home users. Learn to stop hackers, worms, viruses, spyware, web bugs and identity theft. Learn vulnerabilities found in web browsers, e-mail and operating systems. Protect against online purchase dangers, install firewalls, manage cookies, restrict ports, analyze log files, evaluate wireless networks and examine encryption.

11300 * CIS Personal Computer Security Basics (CLAS) TBA Starts: SHERBY, MARK ONLINE
-108.-61Z
07/01/2019 Ends: 08/11/2019
TBA
Course Notes (Summer): C1S -108-61Z: FULLY Online Course. Students must have access to a computer, the Web, and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

****** Career Life Planning

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>CLP</td>
<td>70:</td>
<td>Self-Assessment (CLAS)</td>
<td>TBA</td>
<td></td>
<td>HERNANDO, HERMINIO</td>
<td>ONLINE</td>
</tr>
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</table>

**Requisites:** (See general education pages for the requirement this course meets.) (Students may enroll in either CLP 70 or CLP 75, but not both, for credit.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Comprehensive approach to career and life planning. Examine the decision-making process by exploring theories in career development and other factors such as familial, social, and cultural issues that influence career and lifestyle choices. Utilize self-assessment inventories to identify individual interests, values, skills, and personality types as they relate to career/college major options. Become familiar with career development software, related technology and develop skills to enhance the job search process.

**Course Notes (Summer):** CLP -070.-61Z: On-line attendance. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382 *This course is UC Transferable - effective fall 2018.

<table>
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<th>Title</th>
<th>Time</th>
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<tbody>
<tr>
<td>12709</td>
<td>CLP</td>
<td>Self-Assessment (CLAS)</td>
<td>TBA</td>
<td></td>
<td>ALEXANDER, ROBERT</td>
<td>ONLINE</td>
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</table>

**Course Notes (Summer):** CLP -070.-65Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382 *This course is UC Transferable - effective fall 2018.
***** Communication Studies

Important Department Information: Some courses in this department have recommended competencies. These are determined by placement tests. Students who have not taken placement tests or who are unsure of their scores should contact the Testing Office at (408) 864 8717.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>12561*</td>
<td>COMM 1:</td>
<td>Public Speaking</td>
<td>07:30 AM</td>
<td>07/01/2019</td>
<td>KAUR,</td>
<td>L49</td>
</tr>
<tr>
<td></td>
<td>Public</td>
<td>(CLAS)</td>
<td>09:55 AM</td>
<td>08/11/2019</td>
<td>SHAGUNDEEP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaking</td>
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**COMM 1: Public Speaking**

Unit(s): 5  || Hours: Five hours lecture (60 hours total per quarter).  || Formerly: (Formerly SPCH 1.)  || General Education Status: GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree applicable  || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in COMM 1H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Theory and techniques of public speaking in a democratic society. An introduction to a variety of perspectives and approaches used to research, assess, organize, present, and evaluate public presentations. Students will develop and apply effective research strategies.

**Course Notes (Summer):** COMM-001.01Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesday, Wednesday, and Thursday from 7:30 AM to 9:55 AM. The online portion of the class is conducted via Canvas. The instructor will be available online Tuesdays & Wednesdays from 12:30 pm to 1:20 pm.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>12562*</td>
<td>COMM 1:</td>
<td>Public Speaking</td>
<td>10:00 AM</td>
<td>07/01/2019</td>
<td>KAUR,</td>
<td>L49</td>
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<tr>
<td></td>
<td>Public</td>
<td>(CLAS)</td>
<td>12:25 PM</td>
<td>08/11/2019</td>
<td>SHAGUNDEEP</td>
<td></td>
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<tr>
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**Course Notes (Summer):** Hybrid course. Access to the Internet is required. This class physically meets on Tuesday, Wednesday, and Thursday from 10:00 AM to 12:25 AM. The online portion of the class is conducted via Canvas. The instructor will be available online Tuesdays & Wednesdays from 1:25 pm to 2:15 pm.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Start Time</th>
<th>End Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Instructors</th>
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<tbody>
<tr>
<td>12563*</td>
<td>Public Speaking (CLAS)</td>
<td>07:30 AM</td>
<td>09:55 AM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TWTh</td>
<td>MCKNIGHT, MORGAN</td>
<td>L45</td>
</tr>
<tr>
<td>12563*</td>
<td>Public Speaking (TBA)</td>
<td>TBA</td>
<td></td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TBA</td>
<td>MCKNIGHT, MORGAN</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** COMM-001.03Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays and Thursdays from 7:30 AM to 9:55 AM. The online portion of the class is conducted via Canvas. The instructor will be available online Mondays & Fridays from 7:30 am to 8:30 am.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Start Time</th>
<th>End Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Instructors</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>12565*</td>
<td>Public Speaking (CLAS)</td>
<td>10:00 AM</td>
<td>12:25 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TWTh</td>
<td>CUNNINGHAM, CHERAKAH</td>
<td>S72</td>
</tr>
<tr>
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<td></td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TBA</td>
<td>CUNNINGHAM, CHERAKAH</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** COMM-001.05Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays and Thursdays from 10:00 AM to 12:25 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Thursdays from 1:15 pm to 3:15 pm.

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Start Time</th>
<th>End Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Instructors</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>12566*</td>
<td>Public Speaking (CLAS)</td>
<td>12:30 PM</td>
<td>02:55 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TWTh</td>
<td>CHIVERS, NICHOLAS</td>
<td>L48</td>
</tr>
<tr>
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<td></td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TBA</td>
<td>CHIVERS, NICHOLAS</td>
<td>ONLINE</td>
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</table>

**Course Notes (Summer):** COMM-001.06Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays, and Thursdays from 12:30 PM to 2:55 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Mondays from 12:00 pm to 1:50 pm.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Start Time</th>
<th>End Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Instructors</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>12568*</td>
<td>Public Speaking (CLAS)</td>
<td>03:00 PM</td>
<td>05:25 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TWH</td>
<td>HASAN, ZAKI</td>
<td>L43</td>
</tr>
<tr>
<td>12568*</td>
<td>Public Speaking (TBA)</td>
<td>TBA</td>
<td></td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TBA</td>
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<td>ONLINE</td>
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**Course Notes (Summer):** COMM-001.08Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays, and Thursdays from 3:00 PM to 5:25 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Fridays from 10:00 am to 12:00 pm

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Speaking (CLAS)</td>
<td>03:00 PM-05:25 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>LEE, PETER</td>
<td>L49</td>
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**Course Notes (Summer):** COMM-001.09Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays, and Thursdays from 3:00 PM to 5:25 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Tuesdays from 8:00 am to 10:00 am

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Speaking (CLAS)</td>
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<td>08/11/2019</td>
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<tr>
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<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Speaking (TBA)</td>
<td>TBA</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>LEE, PETER</td>
<td>ONLINE</td>
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</tr>
</tbody>
</table>

**Course Notes (Summer):** COMM-001.61Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays from 6:00 PM to 9:50 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Wednesdays and Thursdays from 5:00 pm to 6:00 pm

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Speaking (CLAS)</td>
<td>06:00 PM-09:50 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>LEE, PETER</td>
<td>L49</td>
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<table>
<thead>
<tr>
<th>Course</th>
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<th>Ends</th>
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<th>Room</th>
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<tbody>
<tr>
<td>Public Speaking (TBA)</td>
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<td>08/11/2019</td>
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<td>ONLINE</td>
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</table>

**Course Notes (Summer):** COMM-001.62Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays from 6:00 PM to 9:50 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Wednesdays and Thursdays from 5:00 pm to 6:00 pm

<table>
<thead>
<tr>
<th>Course</th>
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<th>Time</th>
<th>Starts</th>
<th>Ends</th>
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<tbody>
<tr>
<td>Public Speaking (CLAS)</td>
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<td>L49</td>
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<table>
<thead>
<tr>
<th>Course</th>
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<th>Starts</th>
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<tbody>
<tr>
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<td>08/11/2019</td>
<td>LEE, PETER</td>
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</table>

**Course Notes (Summer):** COMM-001.63Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays from 9:00 PM to 12:50 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Wednesdays and Thursdays from 5:00 pm to 6:00 pm

<table>
<thead>
<tr>
<th>Course</th>
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<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>Public Speaking (CLAS)</td>
<td>11:00 PM-02:50 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>LEE, PETER</td>
<td>L49</td>
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</table>

<table>
<thead>
<tr>
<th>Course</th>
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<th>Time</th>
<th>Starts</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>Public Speaking (TBA)</td>
<td>TBA</td>
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<td>08/11/2019</td>
<td>LEE, PETER</td>
<td>ONLINE</td>
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</table>

**Course Notes (Summer):** COMM-001.64Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays from 11:00 PM to 2:50 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Wednesdays and Thursdays from 5:00 pm to 6:00 pm

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Speaking (CLAS)</td>
<td>01:00 PM-04:50 PM</td>
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<td>08/11/2019</td>
<td>LEE, PETER</td>
<td>L49</td>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>Public Speaking (TBA)</td>
<td>TBA</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>LEE, PETER</td>
<td>ONLINE</td>
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</table>

**Course Notes (Summer):** COMM-001.65Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays from 1:00 PM to 4:50 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Wednesdays and Thursdays from 5:00 pm to 6:00 pm

**COMM 8: Argumentation and Critical Inquiry in Oral Communication**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  Formerly: (Formerly SPCH 8.)  ||
**Course Description:** Principles and methods of critical inquiry, advocacy, and debate. Students will critically evaluate research sources and evidence; identify fallacies in reasoning and language; advance reasoned positions with consideration to ethical and equitable practices; and defend and refute arguments through analysis, presentation, and evaluation of arguments.

**Course Notes (Summer):** COMM-008.01Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays & Thursdays from 10:00 AM to 12:25 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Mondays from 10:00 am to 11:50 am.

**Course Notes (Summer):** COMM-008.02Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays & Thursdays from 12:30 PM to 2:55 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Mondays from 12:00 pm to 1:50 pm.

**Comm 10: Fundamentals of Oral Communication**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  Formerly: (Formerly SPCH 10.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in COMM 10H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.  

**Course Description:** An introduction to the basic principles and methods of oral communication with emphasis on improving speaking and listening skills in the multicultural contexts of interpersonal, small group, and public communication. Students will develop and apply effective research strategies.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>12574*</td>
<td>Fundamentals of Oral Communication (CLAS)</td>
<td>07:30 AM-09:55 AM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>CUNNINGHAM, CHERAKAH</td>
<td>L43</td>
</tr>
<tr>
<td>12574*</td>
<td>Fundamentals of Oral Communication (TBA)</td>
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<td>07/01/2019</td>
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</table>

**Course Notes (Summer):** COMM-010.01Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays, and Thursdays from 7:30 AM to 9:55 AM. The online portion of the class is conducted via Canvas. The instructor will be available online Mondays from 4:00 pm to 6:00 pm

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
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<td>L21</td>
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<td>12575*</td>
<td>Fundamentals of Oral Communication (TBA)</td>
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**Course Notes (Summer):** COMM-010.02Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays, and Thursdays from 10:00 AM to 12:25 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Tuesdays from 8:00 am to 9:50 am

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>12576*</td>
<td>Fundamentals of Oral Communication (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
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<td>L43</td>
</tr>
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<td>12576*</td>
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<td>07/01/2019</td>
<td>08/11/2019</td>
<td>HONG, RUSSELL</td>
<td>ONLINE</td>
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</table>

**Course Notes (Summer):** COMM-010.03Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays, and Thursdays from 10:00 AM to 12:25 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Wednesdays from 4:00 pm to 6:00 pm

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>12577*</td>
<td>Fundamentals of Oral Communication (CLAS)</td>
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<td>08/11/2019</td>
<td>HONG, RUSSELL</td>
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</tr>
<tr>
<td>12577*</td>
<td>Fundamentals of Oral Communication (TBA)</td>
<td>TBA</td>
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<td>08/11/2019</td>
<td>HONG, RUSSELL</td>
<td>ONLINE</td>
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</tbody>
</table>
COMM 15: Critical Decision-Making in Groups

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).
||  Formerly: (Formerly SPCH 15.)  ||
General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in COMM 15H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5; COMM 1, 1H, 10 or 10H.

Course Description: Study in communication and critical decision making in the context of effective group problem solving with an emphasis on principles of sound reasoning to make a well-reasoned decision. This course explores theory, application, and evaluation of group communication processes, including problem solving, conflict management, decision making, and leadership, with the goal of understanding different points of view in an increasingly diverse and interconnected global society.

| 12578* | Critical Decision-Making in Groups 06:00 PM-09:50 PM | Starts: 07/01/2019  ||  HAMILTON, DAVID  L49 |
| COMM-015.-61Y (CLAS)  |  |  |  |  |
|  |  | Ends: 08/11/2019  |
| 12578* | Critical Decision-Making in Groups TBA  | Starts: 07/01/2019  ||  HAMILTON, ONLINE  TBA |
| COMM-015.-61Y (TBA)  |  |  |  |  |
|  |  | Ends: 08/11/2019  |

Course Notes (Summer): COMM-015.61Y: Hybrid course. Access to the Internet is required. This class physically meets on Mondays and Wednesdays from 6:00 PM to 9:50 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Mondays and Tuesdays 5:00 pm to 6:00 pm

COMM 16: Interpersonal Communication

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).
||  Formerly: (Formerly SPCH 16.)  ||
General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in COMM 16H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5; COMM 1, 1H, 10 or 10H.

Course Description: Study of interpersonal communication principles with an emphasis on developing the self concept through listening, verbal and nonverbal communication, language and cultural knowledge as a means of maintaining effective relationships in an increasingly diverse and interconnected global society.

| 12579* | Interpersonal Communication 10:00 AM-12:25 PM | Starts: 07/01/2019  ||  CHIVERS, NICHOLAS  L48 |
| COMM-016.-01Y (CLAS)  |  |  |  |  |
|  |  | Ends: 08/11/2019  |

Course Notes (Summer): COMM-016.01Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays & Thursdays from 12:30 PM to 2:55 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Wednesday and Thursday from 9:00 am to 9:50 am
Course Notes (Summer): COMM-016.01Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays, Wednesdays, and Thursdays from 10:00 AM to 12:25 PM. The online portion of the class is conducted via Canvas. The instructor will be available online Mondays from 10:00 AM - 11:50 PM.

****** Counseling

Important Department Information: For Summer Session: Be sure to check the week the Counseling 50 class starts by clicking on the Course Note icon, or by viewing the class detail.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>12700*</td>
<td>COUN 005.01Y</td>
<td>Introduction to College (CLAS)</td>
<td>12:30 PM-02:40 PM</td>
<td>Starts: 07/08/2019</td>
<td>FU, MARK</td>
<td>L21</td>
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<td>Ends: 07/12/2019</td>
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<tr>
<td>12700*</td>
<td>COUN 005.01Y</td>
<td>Introduction to College (TBA)</td>
<td>TBA</td>
<td>Starts: 07/08/2019</td>
<td>FU, MARK</td>
<td>ONLINE</td>
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<td>Ends: 07/12/2019</td>
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</table>

Course Notes (Summer): COUN-005.01Y: First class meeting begins Monday, July 8th from 12:30 to 2:40pm. In person class meetings will take place on Monday, Tuesday, Wednesday and Thursday at the same time. Instructor will be available on-line via Canvas on Friday from 12:30 to 2:40pm.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>COUN-005.02Y</td>
<td>Introduction to College (TBA)</td>
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<td>FU, MARK</td>
<td>ONLINE</td>
<td>07/08/2019</td>
<td>07/12/2019</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** COUN-005.02Y: First class meeting begins Monday, July 8th from 3 to 5:10pm. In person class meetings will take place on Monday, Tuesday, Wednesday and Thursday at the same time. Instructor will be available on-line via Canvas on Friday from 3 to 5:10pm.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>COUN-005.03Y</td>
<td>Introduction to College (CLAS)</td>
<td>10:00 AM-12:10 PM</td>
<td>MTWTh</td>
<td>HUYNH, KY-DUYEN</td>
<td>L28</td>
<td>07/22/2019</td>
<td>07/26/2019</td>
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</table>

**Course Notes (Summer):** COUN-005.03Y: First class meeting begins Monday, July 22nd from 10 to 12:10pm. In person class meetings will take place on Monday, Tuesday, Wednesday and Thursday at the same time. Instructor will be available on-line via Canvas on Friday from 10 to 12:10pm.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>COUN-005.04Y</td>
<td>Introduction to College (CLAS)</td>
<td>12:30 PM-02:40 PM</td>
<td>MTWTh</td>
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**Course Notes (Summer):** COUN-005.04Y: First class meeting begins Monday, August 5th from 12:30 to 2:40pm. In person class meetings will take place on Monday, Tuesday, Wednesday and Thursday at the same time. Instructor will be available on-line via Canvas on Friday from 12:30 to 2:40pm.

<table>
<thead>
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<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>COUN-005.10Y</td>
<td>Introduction to College (CLAS)</td>
<td>10:00 AM-12:10 PM</td>
<td>MTWTh</td>
<td>GUITRON, PATRICIA</td>
<td>L62</td>
<td>09/09/2019</td>
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**Course Notes (Summer):** COUN-005.10Y: First class meeting begins Monday, September 9th from 10 to 12:10pm. In person class meetings will take place on Monday, Tuesday, Wednesday and Thursday at the same time. Instructor will be available on-line Friday 8am to 10:10am.
Introduction to College (CLAS) 10:00 AM-12:00 PM
Starts: 09/16/2019
Ends: 09/18/2019
MTW
FU, MARK
L63

Introduction to College (CLAS) TBA
Starts: 09/16/2019
Ends: 09/18/2019
TBA
FU, MARK
ONLINE

Course Notes (Summer): COUN-005.11Y: First class meeting begins Monday, September 16th from 10 to 12pm. In person class meetings will take place on Monday, Tuesday, and Wednesday at the same time. Instructor will be available on-line Monday 12pm to 4pm.

Course Notes (Summer): COUN-005.11Y: First class meeting begins Monday, September 16th from 10 to 12pm. In person class meetings will take place on Monday, Tuesday, and Wednesday at the same time. Instructor will be available on-line Monday 12pm to 4pm.

****** Dance

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>12664</td>
<td>Theory and Technique of Ballet I</td>
<td>10:00 AM-11:50 AM</td>
<td>07/01/2019-08/11/2019</td>
<td>LUCAS, WARREN</td>
<td>PE11U</td>
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</table>

DANC 22K: Theory and Technique of Ballet I
Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || Repeatability: (This course is included in the Ballet and Conditioning Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: Introduction to the discipline and creative art of classical ballet, focusing on the development of elementary movement theory and techniques, including ballet barre and elementary center floor exercises.

DANC 22L: Theory and Technique of Ballet II
Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || Repeatability: (This course is included in the Ballet and Conditioning Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: DANC 22K. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: Study and practice of the discipline and creative art of classical ballet, focusing on
barre and center floor work, along with the acquisition of a working ballet vocabulary at a beginning level.

DANC 22M: Theory and Technique of Ballet III
Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || Repeatability: (This course is included in the Ballet and Conditioning Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || Formerly: (Formerly DANC 52M.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree Applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirements this course meets.) Prerequisite: DANC 22L. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Study and practice of the discipline and creative art of classical ballet, combining: traditional techniques center floor work emphasizing alignment/centering, motion through space, and the acquisition of an intermediate working ballet vocabulary.

DANC 38A: Appreciation of Dance
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: A study of dance as a cultural phenomenon, form of communication, socialization, recreation, artistic expression, and entertainment. Exploring the history, traditions and works of outstanding artists.
**DMT 60A: SolidWorks (Beginning)**

Unit(s): 4  
**Hours:** Two hours lecture, six hours laboratory (96 hours total per quarter).  
Formerly: (Formerly CDI 60.)  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree Applicable  
Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263.  
**Course Description:** Fundamentals of computer-aided design and drafting using SolidWorks software. Application of SolidWorks in creating manufacturing models (parts, assemblies and drawings).

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<th>Location</th>
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<td>DMT-060A-61</td>
<td>SolidWorks (Beginning) (CLAS)</td>
<td>05:00 PM-05:50 PM</td>
<td>Starts: 07/01/2019, Ends: 08/25/2019</td>
<td>KLINGMAN, PAUL</td>
<td>E35</td>
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<td>12581</td>
<td>DMT-060A-61</td>
<td>SolidWorks (Beginning) (LAB)</td>
<td>06:00 PM-08:40 PM</td>
<td>Starts: 07/01/2019, Ends: 08/25/2019</td>
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<td>12582*</td>
<td>DMT-060A-61Z</td>
<td>SolidWorks (Beginning) (CLAS)</td>
<td>TBA</td>
<td>Starts: 07/01/2019, Ends: 08/25/2019</td>
<td>KLINGMAN, PAUL</td>
<td>ONLINE</td>
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<td>12582*</td>
<td>DMT-060A-61Z</td>
<td>SolidWorks (Beginning) (LAB)</td>
<td>TBA</td>
<td>Starts: 07/01/2019, Ends: 08/25/2019</td>
<td>KLINGMAN, PAUL</td>
<td>ONLINE</td>
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**Course Notes (Summer):** DMT-060A-61Z: Eight week online course. Students must have access to a computer with appropriate release of SolidWorks software that will be made available for download free of charge to enrolled students, the Web and an individual email address. Consider taking a DMT-102 or DMT-106 CAD Lab class for access to the lab. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**DMT 77B: Special Projects In Manufacturing and CNC/Mastercam Certification Level 2**

Unit(s): 2  
**Hours:** Six hours laboratory (72 hours total per quarter).  
Formerly: (Formerly MCNC 80B.)  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree Applicable  
Grading Method: Letter Grade
Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Projects advancing student's knowledge and experience in computer numerical control machining using Mastercam CAD/CAM software, a selected area of Design and Manufacturing Technologies. Project type and design will be determined through consultation with the instructor based on Advanced Mill Design and Toolpaths. Upon successful completion of the course the student will have the opportunity to earn an Associate Level Certificate from Mastercam.

DMT 77B: Special Projects In Manufacturing and CNC/Mastercam Certification Level 2

Course Notes (Summer): DMT-077B-65R: 8-week class, begins on the week of July 1st, 2019.

DMT 77C: Special Projects In Manufacturing and CNC/Mastercam Certification Level 3

Course Notes (Summer): DMT-077C-65R: 8-week class, begins on the week of July 1st, 2019.

DMT 77D: Special Projects In Manufacturing and CNC/NIMS Level 1

Course Notes: DMT-077D-65R: 8-week class, begins on the week of July 1st, 2019.
DMT 77E: Special Projects In Manufacturing and CNC/NIMS Level 2

Unit(s): 2  |  Hours: Six hours laboratory (72 hours total per quarter).  |  Formerly: (Formerly MCNC 80E.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree Applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Projects advancing student's knowledge and experience in computer numerical control and conventional machining, selected areas of Design and Manufacturing Technologies. Project type and design will be determined through consultation with the instructor based on the National Institute for Metalworking Skills certification program. Upon successful completion of the course the student will have the opportunity to earn multiple Level 2 NIMS certifications.

DMT 77G: Special Projects in 3D Printing/Additive Manufacturing

Unit(s): 2  |  Hours: Six hours laboratory (72 hours total per quarter).  |  General Education Status: Non-GE  |  Program Status: Not Program Applicable (Stand Alone)  |  Credit Status: Credit - Degree Applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Projects advancing students' knowledge and experience in a selected area of Additive Manufacturing/3D Printing. Project type and design will be determined through consultation with the instructor based on FDM or PolyJet Process.

DMT 77Y: Special Projects in CAD

Unit(s): 2  |  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  |  Formerly: (Formerly CDI 56, 56X and 56Y respectively.)  |  General Education Status: Non-GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Projects advancing students' knowledge and experience in a selected area of
Computer Aided Design. Students will complete project objectives/requirements as determined in 3, 4, and 5 of the Special Projects Contract.

12583DMT Special Projects in CAD (CLAS) 05:00 PM-06:50 Starts: APPIO, 07/01/2019 E35
-077Y-65R PM MICHAE Ends: 08/25/2019

Course Notes (Summer): DMT -077Y-65R: Projects advancing student's knowledge and experience in a selected area of CAD. Project type and design will be determined through consultation with the instructor.

DMT 80: Introduction to Machining and CNC Processes
Unit(s): 5 || Hours: Three hours lecture, six hours laboratory (108 hours total per quarter). || Formerly: (Formerly MCNC 71.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263; MATH 210 or equivalent.

12389DMT Introduction to Machining and CNC Processes (CLAS) 05:30 PM-06:45 Starts: STODDARD, 07/01/2019 E25
-080.-61 PM ANDREW Ends: 08/25/2019

12389DMT Introduction to Machining and CNC Processes (LAB) 07:00 PM-09:50 Starts: STODDARD, 07/01/2019 E25
-080.-61 PM ANDREW Ends: 08/25/2019

Course Notes (Summer): DMT-080.61: 8-week class, begins on the week of July 1st, 2019.

DMT 102: CAD Technology Laboratory SolidWorks (Beginning)
Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Formerly: (Formerly CDI 102Z.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Degree applicable || Grading Method: Pass/Fail

Requisites: Requisite/Advisory: None.
Course Description: Self-paced introductory projects and computer based training on SolidWorks software. Instruction is in the use of CAD technology using projects from other SolidWorks courses. Learning assistance is provided in a designated De Anza center by an approved De Anza instructor who is trained in SolidWorks software.

11765DMT CAD Technology Laboratory 02:00 PM-04:50 Starts: APPIO, E35
-102.-01 SolidWorks (Beginning) (CLAS) PM 07/01/2019 MICHAE Ends: 08/11/2019

DMT 106: CAD Technology Laboratory SolidWorks (Advanced)

Unit(s): 2   ||   Hours: Six hours laboratory (72 hours total per quarter).   ||   Formerly: (Formerly CDI 106Z.)   ||

General Education Status: Non-GE   ||   Program Status: Not Program Applicable (Stand Alone)   ||   Credit Status: Credit - Degree applicable   ||   Grading Method: Pass/Fail

Requisites: Requisite/Advisory: None.

Course Description: Self-paced advanced projects and computer based training on SolidWorks software. Instruction is in the use of CAD technology using projects from other SolidWorks courses. Learning assistance is provided in a designated De Anza center by an approved De Anza instructor who is trained in SolidWorks software.

12584 DMT -106.-01  CAD Technology Laboratory 106.01  CAD Technology Laboratory (Advanced) (CLAS)  02:00 PM-04:50  Starts: APPIO, MICHAEL 07/01/2019 08/11/2019

***** Environmental Studies

CRN  Course  Title  Time  Dates/Days  Instructor  Location

E S 1: Introduction to Environmental Studies

Unit(s): 4   ||   Hours: Four hours lecture (48 hours total per quarter).   ||   General Education Status: GE   ||

Program Status: Program Applicable   ||   Credit Status: Credit - Degree applicable   ||   Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An introductory study of environmental issues, their underlying causes and potential solutions from an interdisciplinary perspective, considering history, culture, philosophy and ethics, law and regulation, politics, economics, and management practices. Topics include current environmental issues related to nature/wildlife preservation, natural resource use and conservation, pollution control and prevention, and energy use and climate change. Students learn how their personal and career choices and actions can protect nature, preserve natural resources, prevent pollution, reduce energy demands and decrease climate change impacts for the benefit of current and future generations. (One field trip may be required outside of class time.)

10324* E S -001.-61Z  Introduction to Environmental Studies (CLAS)  TBA  Starts: ROEDER, WILLIAM 07/01/2019 08/11/2019

Ends:

TBA
**Course Notes (Summer):** E S -001.-61Z: Video delivered course with online components. Available video-streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

<table>
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<th>Course Title</th>
<th>Instructors</th>
<th>Start Date</th>
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</tr>
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<tr>
<td>11952 * E S-001.-65Z</td>
<td>Introduction to Environmental Studies (CLAS)</td>
<td>DE TORO, ALICIA</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
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<td>11954 * E S-001.-66Z</td>
<td>Introduction to Environmental Studies (CLAS)</td>
<td>FRISBEE, ADRIENNE</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
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<td>12681 * E S-001.-67Z</td>
<td>Introduction to Environmental Studies (CLAS)</td>
<td>FRISBEE, ADRIENNE</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
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<td>12685 * E S-001.-68Z</td>
<td>Introduction to Environmental Studies (CLAS)</td>
<td>SANDERS, JANA</td>
<td>07/01/2019</td>
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<td>12686 * E S-001.-69Z</td>
<td>Introduction to Environmental Studies (CLAS)</td>
<td>POFFENROTH, MARY</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
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Course Notes (Summer): E S -001.-69Z: Video delivered course with online components. Available video-streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

E S 2: Humans, the Environment, and Sustainability
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: A study of human evolution, biology and ecology, including human civilizations, past and present, and the interaction with the environment. Environmental worldviews (ethics), past and present, of the various cultural, ethnic, gender and socioeconomic groups will be explored. (One field trip may be required outside of class time.)

12540* E S 002.-61Z  Humans, the Environment, and Sustainability (CLAS)  TBA  DE TORO, ALICIA  ONLINE 07/01/2019 08/11/2019

Course Notes (Summer): E S -002.-61Z: Video delivered course with online components. Available video-streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

E S 3: Imagery of the Environment
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An introduction to the academic discipline of Environmental Studies through historical and contemporary analysis of nature-based imagery. What those representations indicate about past and present environmental changes will be discussed. Roles of the artist as naturalist, scientist and conservationist will be explored, as well as visual representation by a diverse range of cultural groups. (One field trip outside of class may be required for this course.)

11379* E S 003.-61Z  Imagery of the Environment (CLAS)  TBA  THORENSEN, LYNN  ONLINE 07/01/2019 08/11/2019

Course Notes (Summer): E S 003.61Z: Video delivered course with online component. Available video-streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
E S 4: Energy, the Environment, and Society
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: Energy plays a dominant role in our modern global industrialized society. Rapid growth of human populations worldwide, combined with increases in fossil fuel related energy to support human activities have caused social, environmental, health and safety, political and economic ramifications. Damage to land, sea, and air, nuclear and oil spill disasters, global political strife, greenhouse gas emissions, species extinction and habitat degradation, and economic inflation are all associated with our need to have abundant amounts of energy in our lives. Many issues faced in the world we live in are the result of the extraction, production, transmission, distribution and consumption of energy. Energy and its negative impacts know no social, economic, cultural, racial, gender, religious, political, geographic or environmental boundaries. This course examines how our energy demands and its ramifications affect everyone on the planet. (Field trip outside of scheduled class time may be required for this course.)

Course Notes (Summer): E S -004.-61Z: Video delivered course with online component. Available video-streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

E S 58: Introduction to Green Building
Unit(s): 1  ||  Hours: One hour lecture (12 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: An overview of the strategies to implement a green building project within an organization. Strategies include green building policies, best practices and guidelines including LEED (Leadership in Energy and Environmental Design), passive solar design, use of sustainable materials and energy efficiency in buildings, as well as an assessment of the impact of construction and buildings on society, economics, the environment.

Course Notes (Summer): E S -058.-61Z: Video delivered course with online components. Available video-streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in
E S 77X: Special Projects in Environmental Studies
Unit(s): 1 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.
Course Description: Individual research in environmental studies. Specific projects determined in consultation with the instructor. Outside reading and written report required.

11568 E S -077X-65R Studies (LAB)
Starts: STAFF, M
07/01/2019
Ends: TBA
08/11/2019
TBA

Course Notes (Summer): E S -077X-65R: Students are advised to retain all documentation related to the completion of a special project. Transfer of E S 77X, 77Y, and 77Z units is determined by the receiving school.

E S 77Y: Special Projects in Environmental Studies
Unit(s): 2 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.
Course Description: Individual research in environmental studies. Specific projects determined in consultation with the instructor. Outside reading and written report required.

11569 E S -077Y-65R Studies (TBA)
Starts: STAFF, M
07/01/2019
Ends: TBA
08/11/2019
TBA

Course Notes (Summer): E S -077Y-65R: Students are advised to retain all documentation related to the completion of a special project. Transfer of E S 77X, 77Y, and 77Z units is determined by the receiving school.

E S 77Z: Special Projects in Environmental Studies
Unit(s): 3 || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.
Course Description: Individual research in environmental studies. Specific projects determined in consultation with the instructor. Outside reading and written report required.

11570 E S -077Z-65R Studies (TBA)
Starts: STAFF, M
07/01/2019
Ends: 08/11/2019
TBA
**Course Notes (Summer):** E S -077Z-65R: Students are advised to retain all documentation related to the completion of a special project. Transfer of E S 77X, 77Y, and 77Z units is determined by the receiving school.

***Economics***

<table>
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<td>ECON 1:</td>
<td>Principles of Macroeconomics</td>
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<td>03:00 PM-05:25</td>
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<td>KOSHIN, ABDULLAHI</td>
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**Course Notes (Summer):** ECON-001.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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<tr>
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**Course Notes (Summer):** ECON-001.-65Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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<td>ECON-001.-66Z</td>
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**Course Notes (Summer):** ECON-001.-66Z: Online Course. Students must have access to a computer, the internet and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**ECON 2: Principles of Microeconomics**

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<th>Days</th>
<th>Starts</th>
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<td>ECON-002.-01</td>
<td>Principles of Microeconomics</td>
<td>MALEK, NINOS</td>
<td>S55</td>
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<td>07/01/2019</td>
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**ECON 2: Principles of Microeconomics**

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<th>Days</th>
<th>Starts</th>
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<tr>
<td>ECON-002.-61</td>
<td>Principles of Microeconomics</td>
<td>BRADY, JOHN</td>
<td>S55</td>
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<td>07/01/2019</td>
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Course Notes (Summer): ECON-002.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

Course Notes (Summer): ECON-002.-65Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

Course Notes (Summer): ECON-002.-66Z: Online Course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

Course Notes (Summer): ECON-002.-67Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

****** Educational Access

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<tr>
<th>CRN</th>
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<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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<tr>
<td>00400*</td>
<td>Principles of Microeconomics</td>
<td>TBA</td>
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<td>Ends:</td>
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</table>

EDAC 233S: Professional Conduct

Unit(s): 3 | Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). | Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).) | Formerly: (Formerly SPED 233, 233R-Z respectively.) | General Education Status: Non-GE | Program Status: Not Program Applicable (Stand Alone) | Credit Status: Credit - Not degree applicable | Grading Method: Pass/Fail
Requisites: Requisite/Advisory: None.
Course Description: Specifically designed for students with verified intellectual disabilities. Students will develop an understanding of professional conduct necessary for success in varied employment settings. Students will learn how to communicate clearly and professionally in the context of a work environment and demonstrate individual and collaborative work habits with a respect for social and cultural diversity. Students will develop an understanding of and comparison of professional conduct and behavior in various work environments through individualized instruction and training to meet the goals identified in the Student Educational Contract.

12654# Professional Conduct (LAB) 08:00 AM-01:10 PM Starts: MAGNIN, HOPEA
EDAC-233S-01F 07/01/2019 CHRISTINE
Ends: 09/06/2019
TTh

Course Notes (Summer): EDAC-233S-01F: This is a 10 week course, begins the week of July 1, 2019. This class is located at the Hope Services Alfred St. site, 3080 Alfred St., Santa Clara, 95054.

12656# Professional Conduct (LAB) 08:00 AM-01:10 PM Starts: SHEIRICH, HOPEW
EDAC-233S-02F 07/01/2019 MONICA
Ends: 09/06/2019
TTh

Course Notes (Summer): EDAC-233S-02F: This is a 10 week class, begins the week of July 1, 2019. This class is located at the Hope Services Whittier site, 1555 Parkmoor Ave., San Jose, 95128.

EDAC 233T: Professional Conduct
Unit(s): 4
Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).
Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).)
Formerly: (Formerly SPED 233, 233R-Z respectively.)
General Education Status: Non-GE
Program Status: Not Program Applicable (Stand Alone)
Credit Status: Credit - Not degree applicable
Grading Method: Pass/Fail

Requisites: Requisite/Advisory: None.
Course Description: Specifically designed for students with verified intellectual disabilities. Students will develop an understanding of professional conduct necessary for success in varied employment settings. Students will learn how to communicate clearly and professionally in the context of a work environment and demonstrate individual and collaborative work habits with a respect for social and cultural diversity. Students will develop an understanding of and comparison of professional conduct and behavior in various work environments through individualized instruction and training to meet the goals identified in the Student Educational Contract.

12655# Professional Conduct (LAB) 08:00 AM-03:00 PM Starts: MAGNIN, HOPEA
EDAC-233T-01F 07/01/2019 CHRISTINE
Ends: 09/06/2019
MW

Course Notes (Summer): EDAC-233T-01F: This is a 10 week class, begins the week of July 1, 2019. This class is located at the Hope Services Alfred St. site, 3080 Alfred St., Santa Clara, 95054.
****** English/Literature

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<tr>
<th>CRN</th>
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<th>Time</th>
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<th>Instructor</th>
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<tr>
<td>10280</td>
<td>ELIT-010-01</td>
<td>Introduction to Fiction (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>Starts: 07/01/2019</td>
<td>QUIGLEY, JILL</td>
<td>LCW16</td>
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Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in ELIT 10H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: Intensive study of fiction; reading, discussion and analysis of structure and meaning in selected novels and short stories.

****** Engineering

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<th>CRN</th>
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<td>ENGR-10</td>
<td>Introduction to Engineering</td>
<td>12:30 PM-02:55 PM</td>
<td>Starts: 07/01/2019</td>
<td>QUIGLEY, JILL</td>
<td>LCW16</td>
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Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 210 or equivalent.
Course Description: An introduction to engineering design through a variety of team projects, including experimentation, data analysis, and development of computer skills. Exposure to several engineering disciplines through project design and problem solving for the purpose of providing information to assist students in a choice of major.
12017 ENGR-010.-02 Introduction to Engineering (CLAS) 09:30 AM-10:45 AM Starts: 07/01/2019 Ends: 08/11/2019 ZAND, MANIZHEH S48

12017 ENGR-010.-02 Introduction to Engineering (LAB) 11:00 AM-01:15 PM Starts: 07/01/2019 Ends: 08/11/2019 ZAND, MANIZHEH S48

12811 ENGR-010.-61 Introduction to Engineering (CLAS) 06:30 PM-07:45 PM Starts: 07/01/2019 Ends: 08/11/2019 STAFF, M S48

12811 ENGR-010.-61 Introduction to Engineering (LAB) 08:00 PM-10:15 PM Starts: 07/01/2019 Ends: 08/11/2019 STAFF, M S48

ENGR 37: Introduction to Circuit Analysis
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: MATH 1D or MATH 1DH; PHYS 4B (may be taken concurrently).

10154 ENGR-037.-61 Introduction to Circuit Analysis (CLAS) 06:30 PM-08:45 PM Starts: 07/01/2019 Ends: 08/11/2019 ZAND, MANIZHEH S42

****** Environmental Science

CRN Course Title Time Dates/Days Instructor Location

ESCI 1: Environmental Science
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method:
Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An introduction to environmental science as a branch of the sciences and its relation to the scientific field including the scientific method. Review of the principles, concepts and terminology of the environmental sciences and ecological literacy including restoration ecology, landscape ecology, sustainable studies and ecosystem management. Agenda 21 and other environmental indicator tools as they relate to human use of the earth’s systems including the hydrosphere, atmosphere, lithosphere and biosphere and the impact on cultural, ethnic and gender groups will be explored. (One-day field trip outside of scheduled class time may be required for this course.)

12241 ESCI-001.-01 Environmental Science (CLAS) 09:30 AM-11:20 AM Starts: 07/01/2019 RATSIRARSON, HELIAN
Ends: 08/11/2019 MTWTh

Course Notes (Summer): ESCI-001.-01: Field trips may be required for this class.

12637 ESCI-001.-02 Environmental Science (CLAS) 11:30 AM-01:20 PM Starts: 07/01/2019 RATSIRARSON, HELIAN
Ends: 08/11/2019 MTWTh

Course Notes (Summer): ESCI-001.-02: Field trips may be required for this class.

12691 ESCI-001.-03 Environmental Science (CLAS) 01:30 PM-03:20 PM Starts: 07/01/2019 RATSIRARSON, HELIAN
Ends: 08/11/2019 MTWTh

Course Notes (Summer): ESCI-001.-03: Field trips may be required for this class.

12542* ESCI-001.-61Z Environmental Science (CLAS) TBA Starts: 07/01/2019 GREENE, VALERIE
Ends: 08/11/2019 TBA

Course Notes (Summer): ESCI-001.-61Z: Video delivered course with online component. Available videostreamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

12543* ESCI-001.-65Z Environmental Science (CLAS) TBA Starts: 07/01/2019 DE TORO, ALICIA
Ends: 08/11/2019 TBA

Course Notes (Summer): ESCI-001.-65Z: Video delivered course with online component. Available video-streamed to the desktop (high-speed internet connection required). Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on
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<td>ONLINE</td>
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**Course Notes (Summer):** ESCI-001.-66Z: Online course with video component. Videos streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**ESCI 1L: Environmental Science Laboratory**

Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: ESCI 1 (may be taken concurrently). Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** An introduction to environmental science as a branch of the sciences including the
scientific method and its relation to the scientific field in a laboratory and field setting. Applications of scientific, environmental, ecological and sustainability principles as they relate to human societies will be explored.

11708 ESCI-001L-01
Environmental Science Laboratory (LAB)
08:30 AM-11:20 AM
Starts: 07/01/2019
PHILLIPS, RYAN
Ends: 08/11/2019
TTh

Course Notes (Summer): ESCI-001L-01: Field trips are required for this class.

12240 ESCI-001L-02
Environmental Science Laboratory (LAB)
09:30 AM-12:20 PM
Starts: 07/01/2019
MCCLUSKEY, JOSHUA
Ends: 08/11/2019
MW

Course Notes (Summer): ESCI-001L-02: Field trips may be required for this class.

12688 ESCI-001L-03
Environmental Science Laboratory (CLAS)
11:30 AM-02:20 PM
Starts: 07/01/2019
MCCLUSKEY, JOSHUA
Ends: 08/11/2019
TTh

Course Notes (Summer): ESCI-001L-03: Field trips may be required for this class.

ESCI 77: Special Projects in Environmental Science
Unit(s): 1
Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).
General Education Status: Non-GE
Program Status: Not Program Applicable (Stand Alone)
Credit Status: Credit - Degree applicable
Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.
Course Description: Individual research in environmental science. Specific projects determined in consultation with the instructor. Outside reading and written report required.

12757 ESCI-077.-65R
Special Projects in Environmental Science (CLAS)
TBA
Starts: 07/01/2019
STAFF, M
Ends: 08/11/2019
TBA

Course Notes (Summer): ESCI-077.-65R: Students are advised to retain all documentation related to the completion of a special project. Transfer of ESCI 77, 77X and 77Y units is determined by the receiving school.

ESCI 77X: Special Projects in Environmental Science
Unit(s): 2
Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).
General Education Status: Non-GE
Program Status: Not Program Applicable (Stand Alone)
Credit Status: Credit - Degree applicable
Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.
Course Description: Individual research in environmental science. Specific projects determined in consultation with the instructor. Outside reading and written report required.
**ESCI 77Y: Special Projects in Environmental Science**

Unit(s): 3  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Prerequisite: Consent of instructor and division dean.

**Course Description:** Individual research in environmental science. Specific projects determined in consultation with the instructor. Outside reading and written report required.

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***** English as a Second Language

**ESL 5: Advanced Composition and Reading**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273, or a qualifying score on the English as a Second Language Placement Test.

**Course Description:** Close reading and analysis of a variety of societal, academic, and literary texts representing culturally diverse perspectives. Practice of the techniques of expository, response, and argumentative writing based on critical reading and critical thinking. Composition of clear, organized, and well-developed essays, with outside sources and demonstration of information literacy.
ESL 234: Low Intermediate English as a Second Language
Unit(s): 10  ||  Hours: Ten hours lecture (120 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Letter Grade

Requisites: (Restricted to students whose native language is not English.) Prerequisite: Qualifying score on the English as a Second Language Placement Test or ESL 200 with a grade of C or better. Course Description: Development of English speaking, listening, reading and writing skills at the low-intermediate level. Emphasis on explicit grammar instruction, writing a group of topic-related sentences, vocabulary building, pronunciation and discussion of multicultural topics.

Course Notes (Summer): ESL -234.-01: 8-week class, begins on the week of July 1, 2019.

ESL 244: Intermediate English as a Second Language
Unit(s): 10  ||  Hours: Ten hours lecture (120 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Letter Grade

Requisites: (Restricted to students whose native language is not English.) Prerequisite: Qualifying score on the English as a Second Language Placement Test or ESL 234 with a grade of C or better. Course Description: Development of English speaking, listening, reading and writing skills with an emphasis on explicit, direct grammar instruction. Vocabulary-building and writing are emphasized. Pronunciation practice and discussion of cross-cultural topics are also included.

Course Notes (Summer): ESL -244.-01: 8-week class, begins on the week of July 1, 2019.
**Course Notes (Summer):** ESL -244.-02: 8-week class, begins on the week of July 1, 2019.

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### ESL 251: High Intermediate Listening and Speaking

- **Unit(s):** 3
- **Hours:** Three hours lecture (36 hours total per quarter)
- **General Education Status:** Non-GE
- **Program Status:** Not Program Applicable (Stand Alone)
- **Credit Status:** Credit - Not degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: ESL 244 or a qualifying score on the English as a Second Language Placement Test. Advisory: ESL 251 students may also take ESL 252 and 253 concurrently.

**Course Description:** English speaking and listening practice in a variety of contexts. Development of vocabulary appropriate in both formal and informal situations.

<table>
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### ESL 252: High Intermediate Reading

- **Unit(s):** 3
- **Hours:** Three hours lecture (36 hours total per quarter)
- **General Education Status:** Non-GE
- **Program Status:** Not Program Applicable (Stand Alone)
- **Credit Status:** Credit - Not degree applicable
- **Grading Method:** Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: ESL 244 or a qualifying score on the English as a Second Language Placement Test. Advisory: ESL 252 students may also take ESL 251 and 253 concurrently.

**Course Description:** Development of high intermediate English reading comprehension and vocabulary building skills in extended written materials.

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### ESL 253: High Intermediate Grammar and Writing

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ESL 251: Advanced Grammar and Writing
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: ESL 244 or a qualifying score on the English as a Second Language Placement Test. Advisory: ESL 253 students may also enroll in ESL 251 and 252 concurrently.

**Course Description:** Develop skills in using level-specific grammar and sentence structure in writing. Write organized and well-developed descriptive, narrative, and explanatory paragraphs.

10814 ESL-253.-02 High Intermediate Grammar and Writing (CLAS) 10:00 AM-12:25 PM Starts: 07/01/2019 CHAI, CHRISTINE S49 Ends: 08/11/2019 TTh

10815 ESL-253.-03 High Intermediate Grammar and Writing (CLAS) 03:00 PM-05:25 PM Starts: 07/01/2019 LAM, CLARA L36 Ends: 08/11/2019 TTh

ESL 252: Advanced Grammar and Writing
Unit(s): 3 || Hours: Three hours lecture (36 hours total per quarter). || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: ESL 251.

**Course Description:** Emphasis on listening comprehension and proficiency in speaking in academic settings; expression of students' ideas using a variety of speaking strategies. Development of vocabulary, pronunciation and note-taking skills.

00436 ESL-261.-02 Low Advanced Listening and Speaking (CLAS) 12:30 PM-02:20 PM Starts: 07/01/2019 LEE, CHARLES L73A Ends: 08/11/2019 TTh

00437 ESL-261.-61 Low Advanced Listening and Speaking (CLAS) 06:00 PM-08:50 PM Starts: 07/01/2019 CULVER, MATTHEW L34 Ends: 08/11/2019 TTh

ESL 261: Low Advanced Listening and Speaking
Unit(s): 3 || Hours: Three hours lecture (36 hours total per quarter). || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: A qualifying score on the English as a Second Language Placement Test or ESL 251.

**Course Description:** Emphasis on listening comprehension and proficiency in speaking in academic settings; expression of students' ideas using a variety of speaking strategies. Development of vocabulary, pronunciation and note-taking skills.

00436 ESL-261.-02 Low Advanced Listening and Speaking (CLAS) 12:30 PM-02:20 PM Starts: 07/01/2019 LEE, CHARLES L73A Ends: 08/11/2019 TTh

00437 ESL-261.-61 Low Advanced Listening and Speaking (CLAS) 06:00 PM-08:50 PM Starts: 07/01/2019 CULVER, MATTHEW L34 Ends: 08/11/2019 TTh

ESL 262: Low Advanced Reading
Unit(s): 3 || Hours: Three hours lecture (36 hours total per quarter). || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade
**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: ESL 252 and 253; or a qualifying score on the English as a Second Language Placement Test. Advisory: ESL 262 students may also enroll in ESL 261 and 263 concurrently.

**Course Description:** Development of low advanced reading comprehension, vocabulary building skills, and improved reading rate in extended written materials.

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**ESL 263: Low Advanced Grammar and Writing**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: ESL 252 and 253; or a qualifying score on the English as a Second Language Placement Test. Advisory: ESL 263 students may also enroll in ESL 261 and 262 concurrently.

**Course Description:** Develop skills for writing clear, organized, well-developed, multiple paragraph compositions that demonstrate analytical thinking and level-appropriate grammar, sentence structure and vocabulary.

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**ESL 272: Advanced Reading and Vocabulary**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (Restricted to students whose native language is not English.) Prerequisite: EWRT 200 and READ 200 (or LART 200), or ESL 262 and 263; or a qualifying score on the English as a Second Language Placement Test.
Course Description: Development of academic vocabulary, reading and critical thinking skills through extensive readings of college-level material in English.

00446ESL-272.-01 Advanced Reading and Vocabulary

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00447ESL-272.-02 Advanced Reading and Vocabulary

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ESL 273: Introduction to the Essay

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  ||  Grading Method: Letter Grade

Requisites: (Restricted to students whose native language is not English.) Prerequisite: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263 with a grade of C or better; or a qualifying score on the English as a Second Language Placement Test. Advisory: ESL 273 students may enroll in ESL 272 concurrently.

Course Description: Principles of essay writing and introduction of the techniques of academic essay writing based on critical reading and thinking.

00449ESL-273.-01 Introduction to the Essay

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00450ESL-273.-02 Introduction to the Essay

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****** English/Writing

CRN  Course  Title                     Time       Dates/Days Instructor  Location

EWRT 1A: Composition and Reading

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method:
Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in EWRT 1AH.) Prerequisite: EWRT 211 and READ 211 (or LART 211); or equivalent placement (normally based on results of the English Placement Tests).

**Course Description:** Introduction to university level reading and writing, with an emphasis on analysis. Close examination of a variety of texts (personal, popular, literary, professional, academic) from culturally diverse traditions. Practice in common rhetorical strategies used in academic writing. Composition of clear, well-organized, and well-developed essays, with varying purposes and differing audiences, from personal to academic.

12792 EWRT-001A-01Q Composition and Reading (CLAS) 08:30 AM-10:45 AM Starts: 07/01/2019 BONILLA, MARYALICE Ends: 08/11/2019 MTWTh

**Course Notes (Summer):** EWRT001A.01Q: There is a 3-unit corequisite to this course. Students enrolling in this section must also enroll in LART250.01Q CRN#12793.

12794 EWRT-001A-02Q Composition and Reading (CLAS) 10:30 AM-12:45 PM Starts: 07/01/2019 ARGYRIOU, ANNE Ends: 08/11/2019 MTWTh

**Course Notes (Summer):** EWRT001A.02Q: There is a 3-unit corequisite to this course. Students enrolling in this section must also enroll in LART250.02Q CRN#12795.

12796 EWRT-001A-03Q Composition and Reading (CLAS) 12:30 PM-02:45 PM Starts: 07/01/2019 GORDON, LAUREN Ends: 08/11/2019 MTWTh

**Course Notes (Summer):** EWRT001A.03Q: There is a 3-unit corequisite to this course. Students enrolling in this section must also enroll in LART250.03Q CRN#12797.

00452* EWRT-001A-21Y Composition and Reading (CLAS) 07:30 AM-09:45 AM Starts: 07/01/2019 MALONE, BRIAN Ends: 08/11/2019 TTh

00452* EWRT-001A-21Y Composition and Reading (TBA) TBA Starts: 07/01/2019 MALONE, BRIAN Ends: 08/11/2019 TBA

**Course Notes (Summer):** EWRT001A.21Y: Hybrid course. Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays from 7:30 a.m. – 9:45 a.m. This class also meets online on Mondays and Wednesdays from 7:30 a.m. – 9:45 a.m. The online portion of the class is conducted via the Canvas online system.
<table>
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<th>Time</th>
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**Course Notes (Summer):** EWRT001A.22Y: Hybrid course. Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays from 10:00 a.m. – 12:15 p.m. This class also meets online on Mondays and Wednesdays from 10:00 a.m. – 12:15 p.m. The online portion of the class is conducted via the Canvas online system.

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**Course Notes (Summer):** EWRT001A.61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** EWRT-001A-65Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** EWRT-001A-66Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** EWRT-001A-67Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** EWRT-001A-68Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** EWRT-001A-70Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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</table>
**EWRT 1B: Reading, Writing and Research**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in EWRT 1BH.) Prerequisite: EWRT 1A or EWRT 1AH.

**Course Description:** Development of analytical, integrative skills in reading and writing. Academic (interpretive, analytical, argumentative) writing based largely on reading of literary/imaginative texts linked by a common theme or issue. Outside research leading to analysis, comparison, and synthesis in documented research paper.

**Course Notes (Summer):** EWRT-001B-61Z: Online Course. Students must have access to a computer, the internet and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** EWRT-001B-65Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** EWRT-001B-66Z: Online course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** EWRT-001B-67Z: Online course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
**EWRT 2: Critical Reading, Writing and Thinking**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in EWRT 2H.) Prerequisite: EWRT 1A or EWRT 1AH.

**Course Description:** Develops critical thinking skills and the ability to apply these skills to reading and writing. Develop analytical and argumentative academic essays based on reading of complex texts, and the use of outside research leading to analysis, comparison, and synthesis and a documented research paper.

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<td>10:00 AM-12:15 PM</td>
<td>11096 EWRT-002.-03</td>
<td>Critical Reading, Writing and Thinking (CLAS)</td>
<td>QUINTERO, JESUS</td>
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<td>12:30 PM-02:45 PM</td>
<td>01140 EWRT-002.-04</td>
<td>Critical Reading, Writing and Thinking (CLAS)</td>
<td>QUINTERO, JESUS</td>
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**Course Notes (Summer):** EWRT-002.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** EWRT-002.-65Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
**Course Notes (Summer):** EWRT-002.-66Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** EWRT-002.-67Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** EWRT-002.-68Z: Online Course with required on campus orientation. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** EWRT-002.-70Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** EWRT-002.-71Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** EWRT-002.-72Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
**Course Notes (Summer):** EWRT-002.-72Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**EWRT 30: Introduction to Creative Writing**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: EWRT 211 and READ 211 (or LART 211).

**Course Description:** Introduction to the writing of fiction, poetry, drama, and creative nonfiction, through both critical analysis and intensive practice.

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**Course Notes (Summer):** EWRT-030.-61Z: Online course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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****** Film and Television Production

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<tr>
<th>CRN</th>
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<th>Title</th>
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<td>Introduction to Creative Writing (CLAS)</td>
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**Course Notes (Summer):** EWRT-030.-61Z: Online course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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****** Film and Television Production

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<tr>
<td>00515</td>
<td>F/TV-001.-01</td>
<td>Introduction to Cinematic Arts (CLAS)</td>
<td>09:00 AM-12:50 PM</td>
<td>07/01/2019 08/11/2019</td>
<td>LOVELL, GLENN</td>
<td>AT120 TTh</td>
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**F/TV 1: Introduction to Cinematic Arts**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in F/TV 1H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** An introduction to the close analysis of film and television texts. The course will examine broad questions of form and content, aesthetics and meaning, and history and culture. Using a wide variety of media, filmmakers and film movements, the course explores the diverse possibilities presented by the cinematic art form. Topics include modes of production, narrative and non-narrative forms, visual design, editing, sound, genre, ideology and critical analysis.
**F/TV 10: Introduction to Electronic Media**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in F/TV 10H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** A survey course of the history, aesthetics, technology and social impacts of electronic media, including film, broadcasting and the Internet. Explores the role of government, advertising, audiences, and emerging technologies, their futures and impacts on global societies.

12376* Introduction to Electronic Media TBA Starts: 07/01/2019
F/TV-010.-61Z (CLAS) Ends: 08/11/2019
GILLETTE, ONLINE
AIMEE TBA

**Course Notes (Summer):** F/TV-010.-61Z: Online Course runs from 7/1/19-8/9/19. Students must have access to a computer, the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**F/TV 20: Beginning Video Production**

Unit(s): 4  ||  Hours: Three hours lecture, three hours laboratory (72 hours total per quarter)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Basic introduction to the workflows of single-camera video production is offered in this course. Skills learned will cover all three phases of production from pre-production through post production. Using single camera production techniques, students will learn scripting, camera and audio recording, location lighting, directing, and editing through the completion of short video projects.

00518 F/TV-020.-01 Beginning Video Production (CLAS) 02:30 PM-04:30 PM Starts: 07/01/2019
IRWIN, DENNIS AT107
Ends: 08/11/2019
TWTh

00518 F/TV-020.-01 Beginning Video Production (LAB) 04:40 PM-06:40 PM Starts: 07/01/2019
IRWIN, DENNIS AT107
Ends: 08/11/2019
TWTh

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***** Geography
**GEO 1: Physical Geography**

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5; MATH 210 or equivalent.

**Course Description:** An introduction to the basic physical elements of geography and the diverse physical environment in which we live. Topics include the global patterns of weather and climate, landforms, soils and vegetation along with human modification of natural environments. The geographic tools used to explore these topics include maps, GPS, remote sensing and Geographic Information Systems (GIS).

<table>
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<tr>
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<td>Physical Geography</td>
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<td>07/01/2019-08/11/2019</td>
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<td>Physical Geography</td>
<td>TBA</td>
<td>07/01/2019-08/11/2019</td>
<td>ROHRMEIER, KERRY</td>
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**Course Notes (Summer):** GEO -001.-65Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**GEO 10: World Regional Geography**

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5; MATH 210 or equivalent.

**Course Description:** An introduction to the major distinctive regions of the world; their natural environment, people, resources, agriculture, manufacturing, trade, cities and the problems relating to contemporary society in each of the regions. Understanding the increasing interdependencies among and between regions.

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<td>World Regional Geography</td>
<td>12:30 PM-02:55 PM</td>
<td>07/01/2019-08/11/2019</td>
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<td>World Regional Geography</td>
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Course Notes (Summer): GEO -010.-65Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

1743 * GEO -010.-66Z World Regional Geography (CLAS) TBA
Starts: PENA, EILEEN ONLINE
07/01/2019
Ends: 08/11/2019
TBA

Course Notes (Summer): GEO -010.-66Z: Online course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** Geology

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Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Requisite/Advisory: None.

Course Description: An introduction to the physical environment of the ocean. Origin and evolution of ocean basins; sea-floor morphology; origin, distribution, historical record, and economic significance of marine sediments; ocean currents, climate and the ocean system, waves, tides, and changing sea level; beaches, shorelines, and coastal processes; marine resources, pollution, and human impacts on the oceans. (One Saturday field trip is required.)

11598* GEOL-020.-61Z General Oceanography (CLAS) TBA
Starts: DILEONARDO, CHRISTOPHER ONLINE
07/01/2019
Ends: 08/11/2019
TBA

Course Notes (Summer): GEOL-020.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** History
**HIST 3C: World History from 1750 CE to the Present**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in HIST 3CH.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Beginning with 1750 Common Era (CE) and covering to the present, focusing on recent and current interactions between the world's peoples, cultures and civilizations. Interdisciplinary, multi-perspective view of world history, using a thematic approach and offering a balanced, representative and inclusive sampling of the world's cultures from Africa, the Americas, Asia, Europe and Oceania.

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<th>Instructor</th>
<th>Location</th>
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| 12217 | HIST-003C-01 | World History from 1750 CE to the Present | 03:00 PM-05:25 | Starts: 07/01/2019 03 PM  
Ends: 08/11/2019 05:25 PM | JACKMAN, RASHI | S75 |

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<th>Time</th>
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<th>Location</th>
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| 12774* | HIST-003C-61Z | World History from 1750 CE to the Present | TBA        | Starts: 07/01/2019 00 AM  
Ends: 08/11/2019 24:00 AM | MUJAL, CARLOS | ONLINE |

**Course Notes (Summer):** HIST-003C-61Z: Online Course. Access to a computer, the Web, an individual e-mail address, and a high-speed internet connection is required. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**HIST 6A: History of Western Civilization**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in HIST 6AH.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** The development of Western civilization from the fourth millennium B.C.E to the eighth century CE

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
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<th>Location</th>
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| 12213 | HIST-006A-01 | History of Western Civilization | 10:00 AM-12:25 | Starts: 07/01/2019 10:00 AM  
Ends: 08/11/2019 12:25 PM | PHAM, MYLINH | L26 |

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**HIST 6C: History of Western Civilization**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method:
Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in HIST 6CH.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** The development of Western Civilization from the early modern period (1750 CE) to the present, with an emphasis on the French Revolution, industrialization, nationalism, European imperialism, both world wars, environmentalism and the economic growth of Europe during and after the Cold War era.

**Course Description:**
The development of Western Civilization from the early modern period (1750 CE) to the present, with an emphasis on the French Revolution, industrialization, nationalism, European imperialism, both world wars, environmentalism and the economic growth of Europe during and after the Cold War era.

**HIST 17A: History of the United States to Early National Era**
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in HIST 17AH.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** U.S. civilization to Early National Era. A survey of the social, cultural, political, economic and intellectual development of the Colonial Era with emphasis on the era of the American Revolution, the development of the Constitution, and the role of the major ethnic, social and gender groups in the American experience.

**Course Notes (Summer):** HIST-017A-61Z: Online course. Access to a computer, the Web, an individual e-mail address and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**HIST 17B: History of the United States from 1800 to 1900**
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in HIST 17BH.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** U.S. civilization from 1800 to 1900. A survey of United States history (political,
economic, intellectual, and social development).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
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<td>History of the United States from 1800 to 1900 (CLAS)</td>
<td>10:00 AM-12:25</td>
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<td>12220*</td>
<td>History of the United States from HIST-017B-61Z 1800 to 1900 (CLAS)</td>
<td>TBA</td>
<td>Howard-Pitney, David</td>
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**Course Notes (Summer):** HIST-017B-61Z: Online Course. Students must have access to e-mail and the Internet. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**HIST 17C: History of the United States from 1900 to the Present**

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in HIST 17CH.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** American civilization from 1900 to the present. A survey of United States history (political, economic, intellectual, and social development).

<table>
<thead>
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<th>Location</th>
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**Course Notes (Summer):** HIST-17C-61Z: Online Course. Access to a computer, the Web, an individual e-mail address and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
***** Health

**HLTH 21: Contemporary Health Concerns**
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Development of understanding and attitudes relative to personal, family, community, and global health needs. Attention given to mental health, drug abuse, infectious and degenerative diseases, family health, nutrition, exercise, the life cycle, and ecological conditions of health significance. Study of common lifestyle behaviors will emphasize self-help and preventable aspects of medical care.

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**Course Notes (Summer):** HLTH-021-.61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** HLTH-021-.65Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer):** HLTH-021-.66Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** Health Technologies
HTEC 50: Introduction to Health Technologies
Unit(s): 2  ||  Hours: Two hours lecture (24 hours total per quarter).  ||  General Education Status: Non-GE
||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Pass/Fail

Requisites: Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263.
Course Description: Survey of health technology programs with emphasis on the professions; designed to assist in identifying personal strengths and weaknesses related to health technology professions; assist students in health technology professions to learn basic principles of human behavior.

12282 HTEC-050.-61 Introduction to Health Technologies (CLAS) 05:30 PM-07:20 PM 07/01/2019
Starts: SHERLEKAR, SUMEDHA
Ends: 08/11/2019
TTh

HTEC 60A: Basic Medical Terminology
Unit(s): 3  ||  Hours: Three hours lecture (36 hours total per quarter).  ||  General Education Status: Non-GE
||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: HTEC 50 (may be taken concurrently).
Course Description: Orientation to medical terminology; basic structure of medical terms and their components-prefixes, suffixes and roots with emphasis on analysis, definition, spelling and pronunciation.

00554 HTEC-060A-01 Basic Medical Terminology (CLAS) 11:30 AM-02:20 PM 07/01/2019
Starts: MIRAMONTES, MAUREEN
Ends: 08/11/2019
TTh

HTEC 68: Medical Reception Externship
Unit(s): 2  ||  Hours: Six hours laboratory (72 hours total per quarter).  ||  General Education Status: Non-GE
||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 50, 60A, 61, 71, 72, 73, 75, 101C and 101D. Advisory: CIS 4 and HLTH 57A.
Course Description: Practical medical reception experience in medical clinics.

00556# HTEC-068.-01F Medical Reception Externship (TBA) 06:30 AM-12:10 PM 07/01/2019
Starts: MIRAMONTES, MAUREEN
Ends: 09/22/2019
Th

HTEC-068.-01F Medical Reception Externship (TBA) 06:30 AM-12:10 PM 07/01/2019
Starts: MIRAMONTES, MAUREEN
Ends: 09/22/2019
Th
**HTEC 76B: Advanced Medical Coding II**

Unit(s): 1 1/2  ||  Hours: One hour lecture, one and one-half hours laboratory (30 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree Applicable  ||  Grading Method: Letter Grade

**Requisites:** Prerequisite: HTEC 76A.


**Course Notes (Summer):** HTEC-068.-01F: Class meets twelve weeks: July 1-Sept 22. Course hours may vary based on the clinical availability. To enroll in this class there is a selective admission process. For admission information email HTEC Program Director: miramontesmaureen@fhda.edu

**HTEC 95A: Medical Assisting Externship**

Unit(s): 3  ||  Hours: Nine hours laboratory (108 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade


**Course Description:** Clinical medical assisting practical experience in medical facilities.

**Course Notes (Summer):** HTEC-095A-01F: Class meets twelve weeks: July 1-Sept 22. Course hours may vary based on the clinical availability. To enroll in this class there is a selective admission process. For admission information email HTEC Program Director: miramontesmaureen@fhda.edu

**HTEC 95B: Phlebotomy Technician I Externship**

Unit(s): 3  ||  Hours: Nine hours laboratory (108 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade
Requisites: Prerequisite: HLTH 57A; HTEC 50, 60A, 64A, 64B, 73 and 101A. Advisory: CIS 4.
Course Description: Phlebotomy Technician I practical experience in medical facilities.

HTEC 96A: Medical Assisting Externship
Unit(s): 4 || Hours: Twelve hours laboratory (144 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Course Description: Administrative and clinical medical assisting practical experience in medical facilities.

HTEC 96C: Medical File Clerk Externship
Unit(s): 4 || Hours: Twelve hours laboratory (144 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 50, 60A, 73 and 75. Advisory: CIS 4 and CIS 99.
Course Description: Medical file clerk practical experience in medical facilities.

HTEC 96D: Medical Record Clerk Externship
Requisites: Prerequisite: HTEC 50, 60A, 71, 73 and 75. Advisory: CIS 4 and CIS 99.
Course Description: Medical record clerk practical experience in medical facilities.

HTEC 96D: Medical Record Clerk Externship
Unit(s): 4 || Hours: Twelve hours laboratory (144 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 50, 60A, 71, 73 and 75. Advisory: CIS 4 and CIS 99.
Course Description: Medical record clerk practical experience in medical facilities.

HTEC 96E: Business Office Clerk Externship
Unit(s): 4 || Hours: Twelve hours laboratory (144 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 50, 60A, 72, 73, 75 and 101D. Advisory: CIS 4 and CIS 99.
Course Description: Business office clerk practical experience in medical facilities.

HTEC 96F: Insurance and Coding Externship
Unit(s): 4 || Hours: Twelve hours laboratory (144 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: BIOL 54G, 54H, 54I, 54J; HTEC 50, 60A, 60G, 60H, 61, 72, 73, 76A, 76B, 101C and 101D.
Course Description: Insurance and coding practical experience in medical facilities.
HTEC 96G: Medical Transcription Externship
Unit(s): 4  ||  Hours: Twelve hours laboratory (144 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 50, 60A, 60G, 60H, 61, 73, 74A, 74B, 74C, 101C, 101H, 101J, and 101K.
Course Description: Medical transcription practical experience in medical facilities.

12678#  Medical Transcription Externship (CLAS)
HTEC-096G-01F  12:30  Starts: MIRAMONTES, MAUREEN
PM-06:10 PM 07/01/2019  Ends: 09/22/2019
TBA  MT

Course Notes (Summer): HTEC-096G-01F: Class meets twelve weeks: July 1-Sept 22. Course hours may vary based on the clinical availability. To enroll in this class there is a selective admission process. For admission information email HTEC Program Director: miramontesmaureen@fhda.edu

HTEC 96H: EKG Externship
Unit(s): 4  ||  Hours: Twelve hours laboratory (144 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 50, 60A, 60G, 60H, 64A, 64B, 73, 90G, 91, 101A, 101B and 101F.
Course Description: Lab assisting practical experience in medical facilities.

12679#  EKG Externship (CLAS)
HTEC-096H-01F  06:30  Starts: MIRAMONTES, MAUREEN
AM-12:10 PM 07/01/2019  Ends: 09/22/2019
TBA  WTh

Course Notes (Summer): HTEC-096H-01F: Class meets twelve weeks: July 1-Sept 22. Course hours may vary based on the clinical availability. To enroll in this class there is a selective admission process. For admission information email HTEC Program Director: miramontesmaureen@fhda.edu

HTEC 180: Clinical Hematology/Urinalysis/Coagulation Practicum
Unit(s): 6  ||  Hours: Eighteen hours laboratory (216 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 80, 80A, 81, 81A, 82 and 82A.
Course Description: Provides entry-level clinical laboratory practice/experience in the department of hematology, urinalysis and coagulation. Emphasis is placed on technique, accuracy, and precision. Different instrumentation will be introduced as well as bench/manual methods. Competence will be evaluated based on final clinical evaluations. This practicum will be conducted at a clinical affiliate site that will be facilitated by the MLT (Medical Laboratory Technician) Program Director. This course must be successfully completed in order to take the national exam and qualify for a California state license.
HTEC 183: Clinical Microbiology Practicum

Unit(s): 6  ||  Hours: Eighteen hours laboratory (216 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 83 and HTEC 83A.

Course Description: Provides entry-level clinical laboratory practice/experience in the department of microbiology. Emphasis is placed on technique, accuracy, and precision. Different instrumentation will be introduced as well as bench/manual methods. Competence will be evaluated based on final clinical evaluations. This practicum will take place at a clinical affiliate site that will be facilitated by the MLT (Medical Laboratory Technician) Program Director. This course must be successfully completed in order to take the national exam and qualify for a California state license.

Course Notes (Summer): HTEC-183.-01F: Class meets twelve weeks: July 1 through Sept. 22. Course hours may vary based on clinical availability. Enrollment restricted to students enrolled in De Anza's Medical Laboratory Technician Program. For admission information email MLT Program Director: buchnerpatricia@fhda.edu

HTEC 184: Clinical Immunology/Immunohematology Practicum

Unit(s): 4 1/2  ||  Hours: Thirteen and one-half hours laboratory (162 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 84 and HTEC 84A.

Course Description: Provides entry-level clinical laboratory practice/experience in the department of serology and blood banking. Emphasis is placed on technique, accuracy, and precision. Different instrumentation will be introduced as well as bench/manual methods. Competence will be evaluated based on final clinical evaluations. This practicum will take place at a clinical affiliate site that will be facilitated by the MLT (Medical Laboratory Technician) Program Director. This course must be successfully completed in order to take the national exam and qualify for a California license.
HTEC 185: Clinical Chemistry Practicum
Unit(s): 6  ||  Hours: Eighteen hours laboratory (216 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: HTEC 85B and HTEC 85D.
Course Description: Provides entry-level clinical laboratory practice/experience in the department of general and special chemistry. Emphasis is placed on technique, accuracy, and precision. Different instrumentation will be introduced as well as bench/manual methods. Competence will be evaluated based on final clinical evaluations. This practicum will be conducted at a clinical affiliate site that will be facilitated by the MLT (Medical Laboratory Technician) Program Director. This course must be successfully completed in order to take the national exam and qualify for a California license.

Course Notes (Summer): HTEC-185.-01F: Class meets twelve weeks: July 1 through Sept. 22. Course hours may vary based on clinical availability. Enrollment restricted to students enrolled in De Anza's Medical Laboratory Technician Program. For admission information email MLT Program Director: buchnerpatricia@fhda.edu

****** Human Development

HUMA 10: Human Sexuality
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in HUMA 10H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: The comprehensive study of the biological, psychological and socio-cultural aspects of human sexuality. An exploration into values and attitudes and their relationship to behaviors and behavioral changes. Includes an assessment of various cultural mores and current safe sex practices.

Course Notes (Summer): HUMA-010.-10Y: Class meets twelve weeks: July 1 through Sept. 22. Course hours may vary based on clinical availability. Enrollment restricted to students enrolled in De Anza's Medical Laboratory Technician Program. For admission information email MLT Program Director: buchnerpatricia@fhda.edu
**Humanities**

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<th>Title</th>
<th>Time</th>
<th>Dates/Day</th>
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12653* Human Sexuality *(TBA)* TBA Starts: 07/01/2019 WETHINGTON, PAULINE ONLINE Ends: 08/11/2019 TBA

**Course Notes (Summer):** HUMA010.10Y: Hybrid course with required weekly on-campus attendance on Tuesdays 10am to 1:50PM. Students must have access to a computer, the Web and an individual e-mail address. Instructor will be available on-line on Mondays from 6pm to 8pm.

10265* Human Sexuality *(CLAS)* TBA Starts: 07/01/2019 JOPLIN, NATASHA ONLINE Ends: 08/11/2019 TBA

**Course Notes (Summer):** HUMA-010.-61Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**HUMA 20: Life Skills for Higher Education**

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Addresses a multitude of life skills and strategies for success, with emphasis on attaining professional, personal and academic goals in a diverse society. Topics covered include creative and realistic goal setting, academic and life management, cultural relevant learning styles, college and community resources, library and Internet use, time management, and techniques to reduce math and science anxiety. Evaluation and application of academic study methods to achieve subject matter mastery. Development of critical thinking skills, and application of reading, writing, note taking and test taking methods to improve personal strategies. Exploration of personal lifestyle and health factors, including the causes and management of stress, as it relates to academic success. Assessment of academic and career goals, selection of majors, and development of education plans.

12487* Life Skills for Higher Education *(CLAS)* TBA Starts: 07/01/2019 GLAPION, KEVIN ONLINE Ends: 08/11/2019 TBA

**Course Notes (Summer):** HUMA-020.-61Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
### HUMI 1: Creative Minds

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

#### Requisites:
(See general education pages for the requirement this course meets.) (Not open to students with credit in HUMI 1H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

#### Course Description:
An introduction to the study of creativity in human life; its sources, development, social purpose, and role in culture change. Students analyze creativity as a central source of meaning and purpose in their lives as well as a development of their unique combination of human intelligences. Lives of creative people from all over the world are examined and contextualized. This course builds commitment to civic and moral responsibility for diverse, equitable, healthy and sustainable communities. Students engage themselves as members of larger social fabrics and develop the abilities and motivation to take informed action for change.

<table>
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<th>Course Code</th>
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<th>End Time</th>
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<td>00568HUMI-001.-02</td>
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#### Course Notes (Summer):
HUMI-001.-61Z: Online course. Access to e-mail and the Internet also required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: [https://deanza.instructure.com/courses/3382](https://deanza.instructure.com/courses/3382)
**HUMI 6: Popular Culture**
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Utilizes the methods of the humanities in a critical analysis of popular culture. This inquiry is framed in multicultural, historical and political contexts and will evaluate how popular culture is created and sustained by mass media and techniques of mass production, marketing and distribution. Students examine how social meaning is constructed by the "texts" of popular culture in a constantly changing era of globalization of information and economies.

11240 HUMI-006.-01  Popular Culture *(CLAS)*  12:30 PM-02:55 PM  Starts: 07/01/2019  WOOD, ANDREW  G4
Ends: 08/11/2019  TWHTh

**HUMI 7: The Arts and the Human Spirit**
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Explores the expression of spiritual and religious thought and aspiration in the arts. Examines religious art in various media in particular, and analyzes the roles of creativity and spirituality in the arts in general. Critical, reflective and experiential in approach.

10226* HUMI-007.-61Z *(CLAS)*  TBA  Starts: 07/01/2019  CLINCHARD, LORI  ONLINE
Ends: 08/11/2019  TBA

**Course Notes (Summer):** HUMI-007.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**HUMI 9: Introduction to Comparative Religion**
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in HUMI 9H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** An interdisciplinary examination and comparison of the religious dimensions of human life: history, terminology, emotional experiences, concepts, attitudes, images, material expressions,
conflicts, myths, metaphors, symbols, perceptions of nature and the natural environment and rituals relating
to the particular social context of each tradition. Emphasis will be placed on the numerous practices and
perspectives of women and men throughout time and from different cultures regarding their sense of the
sacred.

**HUMI 15: Discussion on the Arts**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  
Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: 
Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or 
EWRT 1AH or ESL 5.

**Course Description:** A interdisciplinary and multicultural introduction to the relationships between the arts 
and human experience. Painting, sculpture, architecture, music, dance, drama, literature, film and 
photography will be explored to provide a forum for discussion on how the arts affect humanity, reflect the 
human spirit, touch the soul, and stimulate humankind's creativity. Focus will be on enhancing each 
student's ability to experience the uniqueness of each art form and to develop a depth of understanding of 
its expression and relevance.

**HUMI 16: Arts, Ideas and Values**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  
Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: 
Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or 
EWRT 1AH or ESL 5.

**Course Description:** Interdisciplinary introduction to artistic cultural studies. A critical analysis of the 
dynamic process through which contemporary cultural values and social constructions of gender, ethnicity, 
sexual orientation, social class, religion and globalization shape and have been shaped by artistic 
expression. Special emphasis is placed on art as a tool for social change.
Course Notes (Summer): HUMI-016.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** Intercultural Studies

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<tr>
<th>CRN</th>
<th>Course</th>
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<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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</table>

ICS 4: Race, Ethnicity and Inequality
Unit(s): 4  || Hours: Four hours lecture (48 hours total per quarter).  || General Education Status: GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree applicable  || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An interdisciplinary examination of major concepts and controversies in the study of racial and ethnic difference in the United States. Exploration of race and ethnicity as historical and contemporary categories of identification in the context of social inequality. Social movements and policy debates on racial equity will be analyzed.

10150* ICS -004.-61Z Race, Ethnicity and Inequality (CLAS) TBA Starts: HAMILTON, ONLINE 07/01/2019 JESSICA Ends: 08/11/2019 TBA

Course Notes (Summer): ICS -004.-61Z Online Course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ICS 5: History of Art: Multicultural Arts in the United States
Unit(s): 4  || Hours: Four hours lecture (48 hours total per quarter).  || Also Listed As: (Also listed as ARTS 2F. Students may enroll in either department, but not both, for credit.)  || General Education Status: GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree applicable  || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: A cross-cultural introduction to American art history which includes interdisciplinary analysis of diverse art forms generated by artists of color, including African Americans, Asian Americans, Native Americans, Latina(o)s/Chicana(o)s, and Americans of non-European heritage. Significant attention
will be given to topics considered important by each ethnicity or group, as well as issues related to racism, gender, social class and contemporary social/political awareness. Traditions, values, and cultural expressions of diverse societies and their contributions to American visual culture are explored.

12053* ICS -005.-61Z History of Art: Multicultural Arts in the United States (CLAS) TBA Starts: LEE, SO KAM ONLINE 07/01/2019
Ends: 08/11/2019

Course Notes (Summer): ICS -005.-61Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

11741 * ICS -005.-65Z History of Art: Multicultural Arts in the United States (CLAS) TBA Starts: OLSEN, NANCY ONLINE 07/01/2019
Ends: 08/11/2019

Course Notes (Summer): ICS -005.-65Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

12046* ICS -005.-66Z History of Art: Multicultural Arts in the United States (CLAS) TBA Starts: STAFF, M ONLINE 07/01/2019
Ends: 08/11/2019

Course Notes (Summer): ICS -005.-66Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ICS 10: An Introduction to African American Studies
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: An introduction to the field of African American Studies through history, literature, philosophy, the arts, and culture. Additionally, the course will examine the sociological, political, economic, and philosophical perspectives on the experience of people of African ancestry in the United States. The values, experience, and cultural contributions of Black and/or African American individuals in the United States will be identified, examined, and authenticated.

12268* ICS -010.-61Z An Introduction to African American Studies (CLAS) TBA Starts: HAMILTON, JESSICA ONLINE 07/01/2019
Ends: 08/11/2019
Course Notes (Summer): ICS-010.-61Z: Online Course runs from 7/1/19-8/11/19. Students are required to have access to a computer, the Web with a high-speed Internet connection (required for video streams), and an individual e-mail account. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ICS 22: Contemporary Asian American Communities
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: An introduction to Asian American Studies and an exploration to the experiences of various Asian cultural groups in America. The commonalities and uniqueness of Chinese Americans, Vietnamese Americans, Filipino Americans, Indian Americans, Japanese Americans, Korean Americans, as well as other Asian American groups will be examined. New perspectives on such issues as historical legacies, stereotypes and profiling, cultural identity, generational change, occupational challenges, community advocacy and empowerment will be gained.

12554ICS-022.-01 Contemporary Asian American Communities (CLAS) 12:30 PM-02:55 Starts: CHAI, CHRISTINE MLC105 PM 07/01/2019 Ends: 08/11/2019 MTW

ICS 29: Cultural Pluralism and American Law and Justice
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Also Listed As: (Also listed as ADMJ 29. Students may enroll in either department, but not both, for credit.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: An interdisciplinary study of marginalized peoples and their relationship to the law. Examines the legal perspective on cultural diversity in the United States by examining groups based on race, ethnicity, gender, class, religious background, disability, and sexual orientation. Analyzes how these groups interact with mainstream society through American law, concentrating on both historical and contemporary state and federal legislation and court rulings. Analyzes how the courts play a role in determining the status of minority groups. Analyzes the effect of law on cultural pluralism and cultural diversity in the United States.

12290*ICS-029.-61Z Cultural Pluralism and American Law and Justice (CLAS) TBA Starts: KENSLER, MEGHAN ONLINE 07/01/2019 Ends: 08/11/2019 TBA

Course Notes (Summer): ICS-029.-61Z: Online Course runs from 7/1/19-8/11/19. Students must have access to a computer, the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in
ICS 33: The Chicano/a and Latino/a and the Arts
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: Survey and analysis of contemporary Chicano/a and Latino/a art, film, theater, music, and literature, and their relationship to the Chicano and Latino experiences.

12555ICS -033.-01  The Chicano/a and Latino/a and the Arts (CLAS)  10:00 AM-12:25 PM  Starts: 07/01/2019  STAFF, M  MLC109  Ends: 08/11/2019  T W Th

ICS 35: Chicano/a, Latino/a Literature
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: A survey of Chicano/a, Latino/a literature in its various forms, with emphasis on contemporary authors, from the 1940s to the present.

12587* ICS -035.-61Z  Chicano/a, Latino/a Literature (CLAS)  TBA  Starts: 07/01/2019  CORONADO, ONLINE  08/11/2019  MARC  TBA

Course Notes (Summer): CS -035.-61Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

ICS 41: Native American Contemporary Society
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.
Course Description: An exploration of contemporary Native American perspectives about economic, political, legal, and cultural changes impacting tribal cultures in the 20th and 21st centuries with emphasis on issues of identity, the role of the federal government, gaming and self-determination.
Course Notes (Summer): ICS -041.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

****** International Studies

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<th>CRN</th>
<th>Course</th>
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<th>Time</th>
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<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td></td>
<td>INTL 10: History of Art: Arts of Asia</td>
<td>Unit(s): 4</td>
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<td>Hours: Four hours lecture (48 hours total per quarter).</td>
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<td>Also Listed As: (Also listed as ARTS 2G. Students may enroll in either department, but not both, for credit.)</td>
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<td>INTL 010:-61Z</td>
<td>History of Art: Arts of Asia (CLAS)</td>
<td>TBA</td>
<td>07/01/2019</td>
<td>LEE, SO KAM</td>
<td>ONLINE</td>
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Course Notes (Summer): INTL 010.61Z: Online course. Students are required to have access to a computer, the Web with high-speed internet connection (required for video streams), and an individual email account. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

****** Japanese

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<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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</table>
|      | JAPN 1: Elementary Japanese (First Quarter) | Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method:
Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Introduction to the language and the culture of Japan. Emphasis will be on language as the primary expression of culture and a medium of communication. Four language skills (listening, speaking, reading and writing) as well as sociocultural knowledge which plays an important role in communicating in the target language will be developed. Japanese will be the major language of instruction. Oral practice based on understanding of the language structure will be also emphasized. Mastering of two of the Japanese syllabic writing systems, hiragana and katakana is required.

10854 JAPN-001.-01 Elementary Japanese (First Quarter) 10:00 AM-12:15 PM Starts: 07/01/2019 Ends: 08/11/2019

KUO, MIN-JIN L65

****** Journalism

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<tr>
<th>CRN</th>
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<th>Instructor</th>
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<td></td>
<td>JOUR 2: Mass Communication and Its Impact On Society</td>
<td>TBA</td>
<td>07/01/2019-08/11/2019</td>
<td>DADA, FARIDEH</td>
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<tr>
<td>12057*</td>
<td>JOUR-002.-65Z</td>
<td>Mass Communication and Its Impact On Society (CLAS)</td>
<td>TBA</td>
<td>07/01/2019-08/11/2019</td>
<td>MCELROY, GAIL</td>
<td>ONLINE</td>
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**Course Notes (Summer):** JOUR-002.-61Z Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
Course Notes (Summer): JOUR-002.-65Z Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

JOUR 77W: Special Projects in Journalism
Unit(s): 1  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Special research, writing or study projects in Journalism as determined in consultation with the department chair. (Complexity of project determines number of units assigned.)

12592* Special Projects in Journalism TBA Starts: DECK, ONLINE
JOUR-077W-65Z (CLAS) 07/01/2019 CAECELIA
Ends: 08/11/2019 TBA

Course Notes (Summer): JOUR-077W-65Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

****** Kinesiology

Important Department Information: Kinesiology (KNES) is a new department that holds all the former physical education activity and lecture courses.

All students who have successfully completed KNES 50A, KNES 50AL (formerly PE 70A and PE 71) please go to the Wellness Center (PE610) the first week of school if you are interested in using the facility.

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<tr>
<th>CRN</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>1A</td>
<td>Novice Swimming</td>
<td>An introduction to Physical Education through novice swimming. Skills and techniques for the non-swimmer will be covered. Global and historical development of swimming as a fitness activity, novice stroke skills, survival methods, overcoming fear of water, and safety will be included. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to</td>
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Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to Physical Education through novice swimming. Skills and techniques for the non-swimmer will be covered. Global and historical development of swimming as a fitness activity, novice stroke skills, survival methods, overcoming fear of water, and safety will be included. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to
swimming.

12800KNES-001A-01L Novice Swimming (LAB) 10:00 AM-02:30 PM 10:00
                  07/06/2019
                  08/03/2019
                      DONAHUE, MARY

Course Notes (Summer): KNES 001A-01L- Information about novice swimming can be found at:
http://marydonahue.org/knes-001a The class meets 5 Saturdays, July 7, 14, 21, 28 and August 4. We will be in the pool the first class, so bring your swimsuit, towel, sunscreen, (optional) swim cap.

KNES 1B: Beginning Swimming
Unit(s): 0 1/2 || Hours: Two hours laboratory (24 hours total per quarter). || Repeatability: (This course is included in the Aquatics Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || Formerly: (Formerly P E 26B.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 1A or pass swimming placement test which consists of swimming 25 yards in deep water. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: An introduction to Physical Education through the development of skills and techniques for the beginning swimmer. Global and historical development of swimming as a fitness and competitive activity will be discussed. Beginning stroke skills, survival methods, diving from the side of the pool, and deep water swimming will be covered. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to swimming.

12798KNES-001B-61  Beginning Swimming (LAB) 07:00 PM-08:50 PM 07:00
                      08/11/2019
                      TBA

KNES 1C: Intermediate Swimming
Unit(s): 0 1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (This course is included in the Aquatics Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || Formerly: (Formerly P E 26C and P E 26CX respectively.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 1B or equivalent swimming skills. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: An introduction into Physical Education through skills and techniques for the intermediate swimmer. Global and historical development of swimming as a fitness and competitive activity will be discussed. Intermediate stroke skills, spring board diving, turns, and water safety will be covered. The student will be expected to swim greater lengths with increased motor skills. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to swimming.
KNES 1D: Advanced Swimming
Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  ||  Repeatability: (This course is included in the Aquatics Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  Formerly: (Formerly P E 26D and P E 26DX respectively.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 1C or KNES 1CX, or equivalent swimming skills. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to Physical Education through skills and techniques for the advanced swimmer. Global and historical development of swimming as a fitness and competitive activity will be discussed. Advanced stroke skills, endurance swimming, racing turns and starts, and spring board diving will be covered. The student will perform skills at a greater speed and distance at an advanced motor skill level. American Red Cross stroke standards will be followed but adaptations will be allowed based on physical ability, age, strength and gender. Students will review basic exercise physiology and nutrition appropriate to swimming.

KNES 2A: Aerobic Swimming
Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  ||  Repeatability: (This course is included in the Aquatics Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  Formerly: (Formerly P E 6G and P E 6GX respectively.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable
Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 1C or KNES 1CX, or permission of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through aerobic swimming. Cardiovascular conditioning for the swimmer who is proficient at the intermediate level. Includes global and historical development of swimming as a fitness activity. Students will review training methods, measurements, safety, individual program design, exercise physiology, nutrition appropriate to swimming, intermediate strokes and turns.

Course Notes (Summer): KNES-002A.01 - This is an aerobic swim class. You will work out on the first day of class. Make sure you dress in appropriate swim gear.

KNES 5A: Indoor Cycling
Unit(s): 0 1/2  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  Repeatability: (This course is included in the Cardiovascular Fitness Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  Formerly: (Formerly P E 3 and P E 3X respectively.)  General Education Status: GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through indoor cycling. Includes an historical examination of indoor cycling/spinning. The cycling program is an individually paced, noncompetitive, group training program designed for all riders and all fitness levels. Cycling is an exercise performed on a stationary racing bicycle and is performed to music. Training is fast paced and is open to anyone who is interested in losing body fat, improving cycling techniques, and wants to improve cardiorespiration.

KNES 6A: Aerobic Power Walking
Unit(s): 0 1/2  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three
hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (This course is included in the Cardiovascular Fitness Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) Formerly: (Formerly P E 6H and P E 6HX respectively.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through aerobic power walking. Includes an historical and global examination of walking for health and fitness. Students will improve fitness through a progressive program of walking various distances, routes and at variable speeds. The importance of strength development, and flexibility exercises, adaptations of the exercises to individual physical abilities and principles of fitness and nutrition will be discussed.

KNES 11A: Cardio Kick
Unit(s): 0 1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (This course is included in the Combatives Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) Formerly: (Formerly P E 6K and P E 6KX respectively.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Kinesiology through the activity of cardio kick. Dynamic kickboxing techniques are used to provide a level of conditioning for both the aerobic and anaerobic systems. The freestyle interval format combines boxing and kicking drills specific to martial arts and kickboxing integrating the element of mind/body, readiness, visualization, and reaction. Students will participate in a safe, modifiable, program to improve overall fitness, agility, balance, strength, and endurance. An historical examination of cardio kick for fitness and its roots in the sports of kickboxing, boxing, and martial arts will be included.

KNES 15C: Total Fitness
Unit(s): 0 1/2 Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (This course is included in the Cross Training Family of activity courses. Please see Course Repetition, Repeatability and
Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Kinesiology through total fitness, including an historical and global examination of total fitness and conditioning. Students will improve fitness through a program of cardiovascular exercise, agility, speed, flexibility, and resistance training using both indoor and outdoor facilities. Fitness assessments will occur throughout the term.

Course Notes (Summer): KNES-015C.61 - This is a total fitness class. You will work out on the first day of class. Make sure you dress in appropriate attire and bring a towel and water bottle. Meet in the Fitness Center - PE 610

KNES 15E: Cardiovascular and Strength Training

Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter); four and one-half hours laboratory for the one and one-half units course (54 hours total per quarter).  ||  Repeatability: (This course is included in the Cross Training Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  Formerly: (Formerly P E 9, 9X and 9Y respectively.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through cardiovascular and strength training. Includes rules, equipment, facilities, etiquette, safety and technique of cardiovascular and strength training. Includes a brief historical examination of how cardiovascular and strength training has changed due to the influence of individuals and their countries. Students will review and apply basic exercise physiology, nutrition, and flexibility concepts to improve their physical condition.

Course Notes (Summer): KNES-015E.01 - This is a cardiovascular and strength training class. You will work out on the first day of class. Make sure you dress in appropriate attire and bring a towel and water bottle. Meet in the Fitness Center - PE 610

Course Notes (Summer): KNES-015E.02 - This is a cardiovascular and strength training class. You will work out on the first day of class. Make sure you dress in appropriate attire and bring a towel and water bottle. Meet in the Fitness Center - PE 610
**Course Notes (Summer):** KNES-015E.02 - This is a cardiovascular and strength training class. You will work out on the first day of class. Make sure you dress in appropriate attire and bring a towel and water bottle. Meet in the Fitness Center - PE 610

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<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<th>Starts</th>
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</thead>
<tbody>
<tr>
<td>12104KNES-015E-03</td>
<td>Cardiovascular and Strength Training (LAB)</td>
<td>10:00 AM-11:50 AM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** KNES-015E.03 - This is a cardiovascular and strength training class. You will work out on the first day of class. Make sure you dress in appropriate attire and bring a towel and water bottle. Meet in the Weight Room - PE 11L

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**KNES 15EX: Cardiovascular and Strength Training**

**Unit(s):** 1  
**Hours:** Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter); four and one-half hours laboratory for the one and one-half units course (54 hours total per quarter).  
**Repeatability:** (This course is included in the Cross Training Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  
**Formerly:** (Formerly P E 9, 9X and 9Y respectively.)  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through cardiovascular and strength training. Includes rules, equipment, facilities, etiquette, safety and technique of cardiovascular and strength training. Includes a brief historical examination of how cardiovascular and strength training has changed due to the influence of individuals and their countries. Students will review and apply basic exercise physiology, nutrition, and flexibility concepts to improve their physical condition.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Time</th>
<th>Starts</th>
<th>Ends</th>
</tr>
</thead>
<tbody>
<tr>
<td>12693KNES-15EX-01</td>
<td>Cardiovascular and Strength Training (LAB)</td>
<td>08:30 AM-10:20 AM</td>
<td>07/01/2019</td>
<td>07/26/2019</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** KNES-015EX.01 - This is a cardiovascular and strength training class. You will work out on the first day of class. Make sure you dress in appropriate attire and bring a towel and water bottle. Part of this class will be outside. Meet in the Weight Room - PE 11L

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**KNES 19A: Strength Development**

**Unit(s):** 0 1/2  
**Hours:** Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  
**Repeatability:** (This course is included in the Strength Development Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  
**Formerly:** (Formerly P E 4 and P E 4X respectively.)  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to the discipline of Kinesiology through strength training. Includes
etiquette, safety and techniques of strength development, with a brief historical examination of how strength training has changed due to the influence of individuals, and their style of lifting. The development of skill and adaptations based on the physical ability, age and gender of the individual student will be encouraged. Students will review and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition.

Course Notes (Summer): KNES-019A.02 - This is a strength development class. You will work out on the first day of class. Make sure you dress in appropriate attire and bring a towel and water bottle. Meet in the Weight Room - PE 11L

KNES 19G: Core Conditioning

Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  ||  Repeatability: (This course is included in the Strength Development Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  Formerly: (Formerly P E 6V and P E 6VX respectively.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through core conditioning which is an integrated fitness approach that focuses on developing the stabilization muscles of the center of the body. Included is an historical examination of core strengthening. Concentration will be on muscles of the torso, back, hips, inner and outer thighs, chest and abdominals. Mat work emphasizing breathing techniques, posture, and muscle awareness will be utilized.
Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Kinesiology through strength training. Includes etiquette, safety and techniques of strength development, with a brief historical examination of how strength training has changed due to the influence of individuals, and their style of lifting. The development of skill and adaptations based on the physical ability, age and gender of the individual student will be encouraged. Students will review and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition.

12694KNES-19AX-01 Strength Development (LAB) 08:30 AM-10:20 AM Starts: GUEVARA, DAWNIS
Ends: 07/01/2019 07/26/2019 MTWTh

Course Notes (Summer): KNES-019AX.01 - This is a strength training class. You will work out on the first day of class. Make sure you dress in appropriate attire and bring a towel and water bottle. Part of this class will be outside. Meet in the weight room - PE 11L

KNES 19BX: Strength Development 2

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of kinesiology through strength training at an intermediate level. Includes etiquette, safety and techniques of strength development, with a brief historical examination of how strength training has changed due to the influence of individuals, and their style of lifting. The development of skill and adaptations based on the physical ability, age and gender of the individual student will be encouraged. Students will review and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition.

12695KNES-19BX-01 Strength Development 2 (LAB) 08:30 AM-10:20 AM Starts: GUEVARA, DAWNIS
Ends: 07/01/2019 07/26/2019 MTWTh

KNES 22A: Hatha Yoga

Requisites: (See general education pages for the requirement this course meets.)
included in the Physical Meditation Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || Formerly: (Formerly P E 2Y and P E 2YX respectively.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to the discipline of Kinesiology through the study of yoga, including an historical examination and key philosophical concepts of the yoga tradition and the evolution of yoga throughout the ages. Students will practice simple yoga poses for the mind, body, mindfulness, breath awareness and relaxation techniques will be covered.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Time</th>
<th>Instructor</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>12727KNES-022A-01</td>
<td>Hatha Yoga (LAB)</td>
<td>08:00 AM-09:50 AM</td>
<td>GHIAVAND, FARZANEH</td>
<td>MW</td>
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<tr>
<td>12174KNES-022A-03</td>
<td>Hatha Yoga (LAB)</td>
<td>12:00 PM-01:50 PM</td>
<td>SIMONS, KELLY</td>
<td>MW</td>
</tr>
<tr>
<td>12812KNES-022A-04</td>
<td>Hatha Yoga (LAB)</td>
<td>04:30 PM-06:20 PM</td>
<td>JOHNSON, MARK</td>
<td>TTh</td>
</tr>
<tr>
<td>12741KNES-022A-61</td>
<td>Hatha Yoga (LAB)</td>
<td>05:00 PM-06:50 PM</td>
<td>MAY, CHRISTIAN</td>
<td>TTh</td>
</tr>
</tbody>
</table>

**KNES 22B: Yoga for Relaxation**

Unit(s): 0 1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (This course is included in the Physical Meditation Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || Formerly: (Formerly P E 2G and P E 2GX respectively.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree Applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through the study of yoga for relaxation. Includes a global and historical examination and key philosophical concepts of the yoga tradition. Students will practice yoga techniques to relax the mind and the body. Includes breath awareness and stress reduction techniques. Basic exercise physiology, nutrition, strength development, and flexibility will be covered.
12173 KNES-022B-01  Yoga for Relaxation (LAB)  12:00 PM-01:50 PM  Starts: 07/01/2019  SIMONS, KELLY  PE14  Ends: 08/11/2019  MW

12813 KNES-022B-04  Yoga for Relaxation (LAB)  04:30 PM-06:20 PM  Starts: 08/12/2019  JOHNSON, MARK  PE14  Ends: 09/22/2019  TTh

12742 KNES-022B-62  Yoga for Relaxation (LAB)  05:00 PM-06:50 PM  Starts: 07/01/2019  MAY, CHRISTIAN  PE14  Ends: 08/11/2019  TTh

**KNES 22D: Flow Yoga**

Unit(s): 0 1/2  |  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  |  Repeatability: (This course is included in the Physical Meditation Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  |  Formerly: (Formerly P E 2E and P E 2EX respectively.)  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree Applicable  |  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Introduction to physical education through flow yoga. Includes an historical examination and key philosophical concepts of the yoga tradition, as well as the evolution of yoga throughout the ages. Designed to introduce students to the flow element of yoga which emphasizes a mind-body connection from pose to pose, breathing techniques, flexibility and relaxation. Basic exercise physiology, nutrition, flexibility, strength, and mental concepts to improve one's physical condition, including variables which occur due to age, gender, and physical conditions will be covered.

12728 KNES-022D-01  Flow Yoga (LAB)  08:00 AM-09:50 AM  Starts: 07/01/2019  GHIASVAND, FARZANEH  PE14  Ends: 08/11/2019  MW

**KNES 22E: Yoga/Pilates Combo**

Unit(s): 0 1/2  |  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  |  Repeatability: (This course is included in the Physical Meditation Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  |  Formerly: (Formerly P E 2F and P E 2FX respectively.)  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree Applicable  |  Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of physical education through the study of the mind-body connection. Includes a global and historical perspective of mind-body exercise including Yoga and Pilates. Students will practice breathing techniques and examine different ways to center and focus the mind and body using both mat Pilates and Yogic asanas. Basic exercise physiology, nutrition, strength development, and flexibility will be covered.

12754KNES-022E-61 Yoga/Pilates Combo (LAB) 07:00 PM-08:50 PM Starts: 07/01/2019 EVANS, NANCY PE15 Ends: 08/11/2019

KNES 25A: Stretching
Unit(s): 0 1/2  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (This course is included in the Flexibility and Stability Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) Formerly: (Formerly P E 11 and P E 11X respectively.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Kineseology through stretching. Techniques for improving flexibility including passive and active stretches, partner stretches, and stretches using stability balls and yoga straps will be included. Emphasis will be placed upon flexibility, balance, spatial awareness and safety during stretching. Technique modifications to account for physical limitations will be emphasized. A brief examination of the evolution of the various forms of stretching reflecting cultural, gender, and age differences, exercise physiology, nutrition and wellness concepts related to total fitness, disabilities and/or genetics will be covered.

12105KNES-025A-01 Stretching (LAB) 08:00 AM-09:50 AM Starts: 07/01/2019 HERTLER, DAVID PE14 Ends: 08/11/2019 TTh

12148KNES-025A-02 Stretching (LAB) 10:00 AM-11:50 AM Starts: 07/01/2019 DAMJANOVIC, JASON PE14 Ends: 08/11/2019 MW

KNES 25B: Active Isolated Stretching
Unit(s): 0 1/2  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). Repeatability: (This course is included in the Flexibility and Stability Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) Formerly: (Formerly P E 11C and P E 11CX respectively.) General Education Status: GE Program Status: Program Applicable Credit Status:
**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to the discipline of Kinesiology through active isolated stretching (AIS). Techniques for improving flexibility using dynamic facilitated stretching of major muscle groups. Technique modifications to account for physical limitations will be emphasized. A brief examination of the evolution of the various forms of stretching including active isolated stretching techniques will be included. With an emphasis upon exercise physiology, neurological reflexes, hydration, muscular strength and endurance, wellness concepts related to total fitness, age, gender, disabilities and/or genetics will be covered.

**KNES 26A: Basic Pilates Mat Exercise**
Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  ||  Repeatability: (This course is included in the Flexibility and Stability Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  Formerly: (Formerly P E 2P and P E 2PX respectively.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to Kinesiology through the study of Pilates. Includes a global and historical perspective, key philosophical concepts, and the six principles of Pilates exercise. Students will practice basic Pilates mat techniques to improve concentration, mind relaxation techniques, core strength and flexibility. Includes basic exercise physiology concepts, and nutrition.

**KNES 31A: Beginning Badminton**
Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  ||  Repeatability: (This course is included in the Individual Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  Formerly: (Formerly P E 13A and P E 13AX respectively.)
Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through badminton. Includes a global and historical examination of the sport, rules, equipment, facilities, etiquette, and basic strokes in beginning level badminton. Basic exercise physiology, nutrition, flexibility and strength concepts to improve physical condition will be discussed. The skills portion of the course will encourage an understanding of how to adapt the game and conventional techniques to age, gender and physical conditions.

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 31A or KNES 31AX, or permission of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of badminton. Includes a global and historical examination of the sport, rules, equipment, facilities and etiquette. Basic exercise physiology, nutrition, fundamentals of strength development and flexibility relative to playing at an intermediate level will be included. The course will encourage an understanding of how to adapt game strategies and conventional techniques to one’s needs and abilities based on age, gender and environmental conditions, personal strengths and weaknesses.

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 31B
or KNES 31BX, or consent of the instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Further examination of Physical Education through the sport of badminton. Includes an in depth study of the sport at an advanced level, rules, equipment, facilities, etiquette, and advanced skills and strategy as related to competitive play. Basic exercise physiology, nutrition, flexibility and strength concepts to improve physical condition in order to play at a more advanced level will be covered. The skills portion of the course will encourage an understanding of how to adapt the game and conventional techniques to age, gender and physical conditions.

12729 KNES-031C-01 Advanced Badminton (LAB) 10:00 AM-11:50 AM Starts: 07/01/2019 HERTLER, DAVID
Ends: 08/11/2019 MW

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**KNES 31BX: Intermediate Badminton**

Unit(s): 1 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (This course is included in the Individual Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || Formerly: (Formerly P E 13B and P E 13BX respectively.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: KNES 31A or KNES 31AX, or permission of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through the sport of badminton. Includes a global and historical examination of the sport, rules, equipment, facilities and etiquette. Basic exercise physiology, nutrition, fundamentals of strength development and flexibility relative to playing at an intermediate level will be included. The course will encourage an understanding of how to adapt game strategies and conventional techniques to one's needs and abilities based on age, gender and environmental conditions, personal strengths and weaknesses.

12125 KNES-31BX-61 Intermediate Badminton (LAB) 06:00 PM-08:40 PM Starts: 07/01/2019 LANDEFELD, MARK
Ends: 08/11/2019 MW

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**KNES 31CX: Advanced Badminton**

Unit(s): 1 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (This course is included in the Individual Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || Formerly: (Formerly P E 13C and P E 13CX respectively.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: KNES 31B or KNES 31BX, or consent of the instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: Further examination of Physical Education through the sport of badminton. Includes an in depth study of the sport at an advanced level, rules, equipment, facilities, etiquette, and advanced skills and strategy as related to competitive play. Basic exercise physiology, nutrition, flexibility and strength concepts to improve physical condition in order to play at a more advanced level will be covered. The skills portion of the course will encourage an understanding of how to adapt the game and conventional techniques to age, gender and physical conditions.

12126KNES-31CX-61 Advanced Badminton (LAB) 06:00 PM-08:40 PM Starts: 07/01/2019 LANDEFFELD, MARK PE21E Ends: 08/11/2019 MW

KNES 32A: Beginning Tennis
Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  ||  Repeatability: (This course is included in the Individual Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  Formerly: (Formerly P E 21A and P E 21AX respectively.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of tennis. Basic ground-strokes, serve and footwork as well as basic singles' and doubles’ strategies will be covered. Includes a brief historical examination of the sport, rules, equipment, facilities and etiquette. Students will strive to understand and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition in order to play at a more advanced level and to adapt the game to their individual physical ability, age, and gender.

12152KNES-032A-01 Beginning Tennis (LAB) 10:00 AM-11:50 AM Starts: 07/01/2019 SIMONS, KELLY T-CRTE Ends: 08/11/2019 MW

12225KNES-032A-01L Beginning Tennis (LAB) 08:00 AM-10:50 AM Starts: 07/01/2019 ROESKY, RICHARD T-CRTE Ends: 08/25/2019 S

KNES 32B: Advanced Beginning Tennis
Unit(s): 0 1/2  ||  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  ||  Repeatability: (This course is included in the Individual Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||  Formerly: (Formerly P E 21B and P E 21BX respectively.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade
Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 32A or KNES 32AX, or equivalent skills. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: A continuing introduction to the discipline of Kinesiology through the rules, equipment, facilities, etiquette, and basic strokes - volley, lob and overhead and with further development of the forehand, backhand, serve. Instructors will emphasize conventional skill development, but also encourage adaptations based on physical ability, age, strength, gender and/or genetics. A brief historical examination of how the game of tennis has changed due to the influence of individual men, women, and children, of various countries, and their styles of play or strategies. Students will review and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition in order to play tennis at a more advanced level.

12153KNES-032B-01 Advanced Beginning Tennis (LAB) 10:00 AM-11:50 AM
Starts: 07/01/2019
SIMONS, KELLY
MW
Ends: 08/11/2019
T-CRTE

12226KNES-032B-01L Advanced Beginning Tennis (LAB) 08:00 AM-10:50 AM
Starts: 07/01/2019
ROESKY, RICHARD
S
Ends: 08/25/2019
T-CRTW

KNES 32C: Intermediate Tennis
Unit(s): 0 1/2
Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).
Repeatability: (This course is included in the Individual Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)
Formerly: (Formerly P E 21C and P E 21CX respectively.)
General Education Status: GE
Program Status: Program Applicable
Credit Status: Credit - Degree applicable
Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 32B or KNES 32BX, or equivalent skills. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Kinesiology through tennis. Development of consistency, accuracy and control for forehand, backhand ground-strokes, serve, volley, lob and overhead skills utilizing fundamental theories of physics. Introducing elements of changing the dynamics of the game with spins and drop shots or by approaching the net; basic singles and doubles strategies. A brief historical examination of how the game of tennis has changed due to the influence of individual men, women, and children, of various countries, and their styles of play or strategies. Students will review and apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their physical condition in order to play tennis at a more advanced level.

12381KNES-032C-03 Intermediate Tennis (LAB) 10:00 AM-11:50 AM
Starts: 07/01/2019
SIMONS, KELLY
MW
Ends: 08/11/2019
T-CRTE
KNES 39A: Volleyball Level 1
Unit(s): 0 1/2  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  Repeatability: (This course is included in the Team Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  Formerly: (Formerly P E 19A and P E 19AX respectively.)  General Education Status: GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of volleyball. Includes: rules, equipment, facilities, safety, etiquette, basic fundamentals in beginning level volleyball with strategies for team offense and defense, and a brief historical examination of global contributions by the men and women who changed the game of volleyball. Students will develop passing, hitting, blocking, and serving techniques utilizing fundamental theories of physics. The skills portion of the course will encourage an understanding of how to adapt the game and conventional techniques to an individual’s physical abilities. Students will understand and apply basic exercise physiology, nutrition, flexibility, and strength concepts to improve their physical condition in order to play at a more advanced level.

12139KNES-039A-01  Volleyball Level 1 (LAB)  10:00 AM-11:50 AM  Starts: 07/01/2019  07/01/2019  08/11/2019  TTh  WALLACE, SARAH  PE21W

KNES 39B: Volleyball Level 2
Unit(s): 0 1/2  Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter).  Repeatability: (This course is included in the Team Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  Formerly: (Formerly P E 19B and P E 19BX respectively.)  General Education Status: GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 39A or KNES 39AX, or consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of volleyball. Includes a global and historical examination of the sport, rules, equipment, facilities, etiquette, safety, and fundamentals of volleyball. Students will develop their volleyball skills and improve upon basic team play strategies. Students will apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their overall playing level.

12140KNES-039B-01  Volleyball Level 2 (LAB)  10:00 AM-11:50 AM  Starts: 07/01/2019  07/01/2019  08/11/2019  TTh  WALLACE, SARAH  PE21W
KNES 39C: Volleyball Level 3
Unit(s): 0 1/2 || Hours: Two hours laboratory for the one-half unit course (24 hours total per quarter); three hours laboratory for the one unit course (36 hours total per quarter). || Repeatability: (This course is included in the Team Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) || Formerly: (Formerly P E 19C and P E 19CX respectively.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: KNES 39B or KNES 39BX, or consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of volleyball. Includes a global and historical examination of the sport, rules, equipment, facilities, etiquette, safety, and fundamentals of advanced volleyball. Students will develop their volleyball skills and improve upon team play strategies. Students will apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their overall playing level.

12457 KNES-039C-01 Volleyball Level 3 (LAB) 10:00 AM-11:50 AM Starts: 07/01/2019 WALLACE, SARAH Ends: 08/11/2019 TTh

KNES 45: Introduction to Kinesiology
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Formerly: (Formerly P E 30.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of physical education/kinesiology. The student will study career options, required preparation and training for occupations in teaching, coaching, physical therapy, sports nutrition, sports medicine and other professions stemming from a degree in physical education/kinesiology. Includes an in-depth overview of human movement and performance, foundations and principles of physical education/kinesiology, and the importance of the sub-disciplines in kinesiology. Focus will also be placed on and give the student an understanding of cultural, age and gender differences. Title IX requirements relating to the profession will also be discussed.

12141* KNES-045.-61Z Introduction to Kinesiology (CLAS) TBA Starts: 07/01/2019 OWIESNY, CHERYL Ends: 08/11/2019 ONLINE TBA

Course Notes (Summer): KNES-045.-61Z: Online Course runs from 7/1/19-8/11/19. Access to a computer, the Web, an individual e-mail address, and a high-speed internet connection is required. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
Introduction to Kinesiology (CLAS) TBA

KNES-045.-65Z

Starts: 08/12/2019

Kragalott, ONLINE

Arden

Ends: 09/22/2019

TBA

Course Notes (Summer): KNES-045.-65Z: Second 6-week Term - Online Course. (6-week 8/12 - 9/22) Access to a computer, the Web, an individual e-mail address, and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

KNES 52: Physical Stress Management

Unit(s): 2 Hours: Two hours lecture (24 hours total per quarter). Formerly: (Formerly P E 53.)

General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable

Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the natural techniques that effectively relieve stress related physical problems. Each student will develop and implement a personal stress reduction program. Students will be exposed to information on how lifestyle, gender, age, personality and occupation effects stress and the ability to successfully cope with it. (This course is offered in online and face-to-face environments. Massage Therapy students must take this course in the face-to-face environment. Massage students will not be allowed to repeat this course to obtain a Massage Therapy Program Certificate unless the course was taken more than eight years previously.)

Physical Stress Management TBA

KNES-052.-61Z (CLAS)

Starts: 07/01/2019

Altman, ONLINE

Danielle

Ends: 08/11/2019

TBA

Course Notes (Summer): KNES-052.-61Z: Online Course runs from 7/1/19-8/11/19. Access to a computer, the Web, an individual e-mail address, and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

Physical Stress Management TBA

KNES-052.-65Z (CLAS)

Starts: 08/12/2019

Altman, ONLINE

Danielle

Ends: 09/22/2019

TBA

Course Notes (Summer): KNES-052.-65Z: Second 6-week term - Online Course runs from 8/12 - 9/22. Access to a computer, the Web, an individual e-mail address, and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

KNES 54: Introduction to Sport in Society

Unit(s): 4 Hours: Four hours lecture (48 hours total per quarter).

Formerly: (Formerly P E 72.)

General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree Applicable

Grading Method: Letter Grade
Requisites: Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: A course designed for kinesiology, and physical education majors. It looks at current and past sports related cultural and historical issues. Students will be introduced to various topics such as race and gender issues, sports for different populations, and how sports has shaped the American past time. The various levels of participation will be discussed from elementary school and recreational participation, to professional sports.

12100*  Introduction to Sport in Society  TBA  Starts:  GUEVARA,  ONLINE  
KNES-054.-61Z  (CLAS)  DAWNIS  07/01/2019  
Ends:  08/11/2019  TBA

Course Notes (Summer): KNES-054.-61Z: Online Course runs from 7/1/19-8/11/19. Access to a computer, the Web, an individual e-mail address, and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

KNES 77X: Special Projects in Physical Education
Unit(s): 1  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  Formerly: (Formerly P E 77, 77X and 77Y respectively.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Individual research in Physical Education. Specific projects determined in consultation with the instructor. Outside reading and written report required. These projects are undertakings that are not in the regular physical education curriculum and require the approval of the division dean.

12262 KNES-077X-65R Special Projects in Physical Education (CLAS)  08:30  07/01/2019  LEE-WHEAT,  TBA  
Special Projects in Physical Education  AM-02:20 PM  COLEEN  08/11/2019  
S

Course Notes (Summer): This course is only available to students after they have talked with the Dean of Physical Education and Athletics. It is primarily but not exclusively used for Massage Therapy students.

KNES 77Y: Special Projects in Physical Education
Unit(s): 1 1/2  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  Formerly: (Formerly P E 77, 77X and 77Y respectively.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Individual research in Physical Education. Specific projects determined in consultation with the instructor. Outside reading and written report required. These projects are undertakings that are not in the regular physical education curriculum and require the approval of the division dean.
***** Korean

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
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<tr>
<td>10855</td>
<td>KORE-001.-01</td>
<td>Elementary Korean (First Quarter) (CLAS)</td>
<td>03:00PM-05:15PM</td>
<td>07/01/2019</td>
<td>LEE, YU</td>
<td>L65</td>
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</table>

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Introduction to the historical and cultural background of the Korean language. Intensive reading and writing practice of the Korean alphabet, Hangul. Development of language skills orally and in writing for basic and simple information relating to high-frequency situations in familiar contexts, to further understand grammatical and syntactical structures.

***** Language Arts

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<tr>
<th>CRN</th>
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<tr>
<td></td>
<td>LART 250:</td>
<td>Academic Reading and Writing</td>
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</table>

Requisites: Prerequisite: A qualifying placement result. Co-requisite: EWRT 1A or EWRT 1AH.

Course Description: Integration of reading and writing skills necessary for success in EWRT 1A or EWRT 1AH. Emphasis on evaluation, analysis, synthesis, questioning, and critical inquiry of assigned readings and in essays in this course and in the target course, EWRT 1A or EWRT 1AH. Immersion in the reading and writing process with opportunities for just-in-time instruction on strategies and skills to succeed in transfer-level curriculum.
**Course Notes (Summer):** LART250.01Q: This is a 3-unit corequisite course to EWRT1A. Students enrolling in this section must also enroll in EWRT1A.01Q CRN#12792.

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**Course Notes (Summer):** LART250.02Q: This is a 3-unit corequisite course to EWRT1A. Students enrolling in this section must also enroll in EWRT1A.02Q CRN#12794.

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**Course Notes (Summer):** LART250.03Q: This is a 3-unit corequisite course to EWRT1A. Students enrolling in this section must also enroll in EWRT1A.03Q CRN#12796.

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******* Massage Therapy**

**Important Department Information:** Massage Therapy (MASG) is a new department that holds all the former massage therapy (PE 54 series) courses.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
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<tbody>
<tr>
<td></td>
<td><strong>MASG 54A: Massage Therapy Internship in Adapted Physical Education Laboratory</strong></td>
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<tr>
<td></td>
<td>Unit(s): 1</td>
<td></td>
<td>Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).</td>
<td></td>
<td>Formerly: (Formerly P E 54H, 54J and 54K respectively.)</td>
</tr>
<tr>
<td></td>
<td><strong>Requisites:</strong> Prerequisite: MASG 50B or consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.</td>
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<td></td>
<td><strong>Course Description:</strong> Students shall work under the supervision of Adaptive Physical Education instructors. Schedule(s) are determined by agreement between student and Adaptive Physical Education intern supervisor. The student is expected to participate through the end of the assigned quarter.</td>
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<tr>
<td>12127</td>
<td>MASM-054A-55 Massage Therapy Internship in Adapted Physical Education Laboratory (CLAS)</td>
<td>08:30 AM-02:20 PM</td>
<td>Starts: 07/01/2019</td>
<td>LEE-WHEAT, COLEEN</td>
<td>PE12U</td>
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</table>
**MASG 54B: Massage Therapy Internship in Adapted Physical Education Laboratory**

Unit(s): 2  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Formerly: (Formerly P E 54H, 54J and 54K respectively.)  || General Education Status: Non-GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree Applicable  || Grading Method: Letter Grade

**Requisites:** Prerequisite: MASG 50B or consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Students shall work under the supervision of Adaptive Physical Education instructors. Schedule(s) are determined by agreement between student and Adaptive Physical Education intern supervisor. The student is expected to participate through the end of the assigned quarter.

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**Mathematics**

<table>
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<th>CRN</th>
<th>Course</th>
<th>Title</th>
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<tr>
<td>12373</td>
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<td>Calculus (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>07/01/2019</td>
<td>RASHID, NAHRIN</td>
<td>E36</td>
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</table>

**MATH 1A: Calculus**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  || General Education Status: GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree applicable  || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 1AH.) Prerequisite: MATH 43 or MATH 43H (with a grade of C or better), or appropriate score on Calculus Placement Test within the past calendar year. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Fundamentals of differential calculus.
MATH 1B: Calculus

Unit(s): 5
Hours: Five hours lecture (60 hours total per quarter).
General Education Status: GE
Program Status: Program Applicable
Credit Status: Credit - Degree applicable
Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 1BH.) Prerequisite: MATH 1A or MATH 1AH. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Fundamentals of integral calculus.

00659MATH-001B-03 Calculus (CLAS) 10:00 AM-12:15 PM Starts: 07/01/2019
Ends: 08/11/2019 MTWTh JUDSON, ZACHARY MLC108
**Course Notes (Summer):** MATH-001B-03: TI-83 Plus/TI-84 Plus calculator recommended.

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<th>Course Code</th>
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<td>10208MATH-001B-61</td>
<td>Calculus (CLAS)</td>
<td>05:30 PM</td>
<td>07:45 PM</td>
<td>STAFF, M</td>
<td>E32</td>
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</table>

**MATH 1C: Calculus**

Unit(s): 5  || Hours: Five hours lecture (60 hours total per quarter).  || General Education Status: GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree applicable  || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 1CH.) Prerequisite: MATH 1B or MATH 1BH (with a grade of C or better) or equivalent. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Infinite series, lines and surfaces in three dimensions, vectors in two and three dimensions, parametric equations of curves. Derivatives and integrals of vector functions.

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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Start Time</th>
<th>End Time</th>
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<tr>
<td>12056MATH-001C-03</td>
<td>Calculus (CLAS)</td>
<td>10:00 AM</td>
<td>12:15 PM</td>
<td>MOSH, FARSHOD</td>
<td>E31</td>
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</table>

**Course Notes (Summer):** MATH-001C-03: TI-83 Plus/TI-84 Plus calculator recommended.
MATH 1D: Calculus
Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 1DH.) Prerequisite: MATH 1C or MATH 1CH (with a grade of C or better) or equivalent. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: Partial derivatives, multiple integrals, vector calculus.

MATH 2A: Differential Equations
Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade
**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 2AH.) Prerequisite: MATH 1D or MATH 1DH (with a grade of C or better). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Ordinary differential equations and selected applications.

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**MATH 2B: Linear Algebra**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 2BH.) Prerequisite: MATH 1D or MATH 1DH (with a grade of C or better). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Linear algebra and selected topics of mathematical analysis.

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**MATH 10: Elementary Statistics and Probability**

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 10H.) Prerequisite: MATH 114 or equivalent with a grade of C or better; or a qualifying score on the Intermediate Algebra Placement Test within the past calendar year. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Introduction to data analysis making use of graphical and numerical techniques to study patterns and departures from patterns. The student studies randomness with an emphasis on understanding variation, collects information in the face of uncertainty, checks distributional assumptions, tests hypotheses, uses probability as a tool for anticipating what the distribution of data may look like under a set of assumptions, and uses appropriate statistical models to draw conclusions from data. The course introduces the student to applications in engineering, business, economics, medicine, education, social sciences, psychology, the sciences, and those pertaining to issues of contemporary interest. The use of technology (computers or graphing calculators) will be required in certain applications. Where appropriate, the contributions to the development of statistics by men and women from diverse cultures will be introduced.
<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Course Title</th>
<th>Time</th>
<th>Days</th>
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<td>MATH-010.-04</td>
<td>Elementary Statistics and Probability (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>MTWTh</td>
<td>GERAGHTY, MAURICE</td>
<td>S44</td>
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<td>Elementary Statistics and Probability (CLAS)</td>
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<td>S16</td>
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**Course Notes (Summer):** MATH-010.-04: TI-83 Plus/TI-84 Plus calculator recommended.

**Course Notes (Summer):** MATH-010.-05: TI-83 Plus/TI-84 Plus calculator recommended.

**Course Notes (Summer):** MATH-010.-06: TI-83 Plus/TI-84 Plus calculator recommended.

**Course Notes (Summer):** MATH-010.-08: TI-83 Plus/TI-84 Plus calculator recommended.

**Course Notes (Summer):** MATH-010.-09: TI-83 Plus/TI-84 Plus calculator recommended.


Course Notes (Summer): MATH-010.-61: TI-83 Plus/TI-84 Plus calculator recommended.

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<td>Elementary Statistics and Probability (CLAS)</td>
<td>TBA</td>
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</table>

Course Notes (Summer): MATH-010.-61Z: Online course runs from 7/1/19-8/11/19, with video component and three on campus proctored exams. This class is meant for the HIGHLY motivated, independent, mature learner. If you are not this type of learner, DO NOT sign-up for this course. Students do not meet regularly with an instructor making the class MORE RIGOROUS. Students MUST enroll during the enrollment period. There are absolutely NO ADDS. The TI-83 or 84 calculator is required. Access to the Internet and an email account are required. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

MATH 11: Finite Mathematics

Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Qualifying score on the Math Placement Test within the past calendar year; or MATH 114 or equivalent with a grade of C or better. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Application of linear equations, sets, matrices, linear programming, mathematics of finance and probability to real-life problems. Emphasis on the understanding of the modeling process, and how mathematics is used in real-world applications.

<table>
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<tr>
<td>11331MATH-011.-05</td>
<td>Finite Mathematics (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>NGUYEN, HUNG</td>
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Course Notes (Summer): MATH-011.-05: TI-83 Plus/TI-84 Plus calculator recommended.

MATH 12: Introductory Calculus for Business and Social Science

Unit(s): 5  |  Hours: Five hours lecture (60 hours total per quarter).  |  General Education Status: GE  |  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: MATH 11, 41 or 41H.

Course Description: Introduction to limits, differentiation, and integration of single variable functions. Differentiation of multivariate functions. Applications in business, economics, and social science.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Instructor</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>11332MATH-012.-01</td>
<td>Introductory Calculus for Business and Social Science (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>NGUYEN, HUNG</td>
<td>S45</td>
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<td>07/01/2019</td>
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<td>08/11/2019</td>
</tr>
</tbody>
</table>
MATH 22: Discrete Mathematics
Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: MATH 43 or MATH 43H with a grade of C or better or equivalent, and CIS 22A or CIS 35A with a grade of C or better or equivalent. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Elements of discrete mathematics with applications to computer science. Topics include methods of proof, mathematical induction, logic, sets, relations, graphs, combinatorics, and Boolean algebra.

MATH 41: Precalculus I: Theory of Functions
Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 41H.) Prerequisite: MATH 114 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Polynomial, rational, exponential and logarithmic functions, graphs, solving
equations, conic sections.

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<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Section</th>
<th>Days</th>
<th>Start Time</th>
<th>End Time</th>
<th>Starts:</th>
<th>Ends:</th>
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<tr>
<td>MATH-041.-01</td>
<td>Precalculus I: Theory of Functions</td>
<td>CLAS</td>
<td>MTWTh</td>
<td>07:30 AM</td>
<td>09:45 AM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>VISWANADHA, YOGESWARI</td>
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<td>MATH-041.-04</td>
<td>Precalculus I: Theory of Functions</td>
<td>CLAS</td>
<td>MTWTh</td>
<td>10:00 AM</td>
<td>12:15 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
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<td>MATH-041.-05</td>
<td>Precalculus I: Theory of Functions</td>
<td>CLAS</td>
<td>MTWTh</td>
<td>12:30 PM</td>
<td>02:45 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
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<td>MATH-041.-07</td>
<td>Precalculus I: Theory of Functions</td>
<td>CLAS</td>
<td>MTWTh</td>
<td>03:00 PM</td>
<td>05:15 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>KRESTAS, GEORGE</td>
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</tbody>
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Course Notes (Summer): MATH-041.-01: TI-83 Plus/TI-84 Plus calculator recommended.

|MATH-042.-01 | Precalculus II: Trigonometric Functions | CLAS    | MTWTh| 07:30 AM   | 09:45 AM | 07/01/2019 | 08/11/2019 | LEGGE, VICTOR       |

Course Notes (Summer): MATH-042.-01: TI-83 Plus/TI-84 Plus calculator recommended.

MATH 42: Precalculus II: Trigonometric Functions

Unit(s): 5
Hours: Five hours lecture (60 hours total per quarter).
General Education Status: GE
Program Status: Program Applicable
Credit Status: Credit - Degree applicable
Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) (Not open to students in MATH 42H.) Prerequisite: MATH 41 or MATH 41H (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: The theory of trigonometric functions and their applications.
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>10599MATH-042.-03</td>
<td>Precalculus II: Trigonometric</td>
<td>10:00 AM-12:15</td>
<td>07/01/2019</td>
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<td>NJINIMBAM, EDWIN</td>
<td>S46</td>
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<tr>
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<td>Functions (CLAS)</td>
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<td><strong>Course Notes (Summer):</strong> MATH-042.-03: TI-83 Plus/TI-84 Plus calculator recommended.</td>
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<tr>
<td>10601MATH-042.-05</td>
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<td>12:30 PM-02:45</td>
<td>07/01/2019</td>
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<td>LOPEZ, RICHARD</td>
<td>E34</td>
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<td>Functions (CLAS)</td>
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<td><strong>Course Notes (Summer):</strong> MATH-042.-05: TI-83 Plus/TI-84 Plus calculator recommended.</td>
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<td>11185MATH-042.-06</td>
<td>Precalculus II: Trigonometric</td>
<td>03:00 PM-05:15</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>LOPEZ, RICHARD</td>
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<td>Functions (CLAS)</td>
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<td><strong>Course Notes (Summer):</strong> MATH-042.-06: TI-83 Plus/TI-84 Plus calculator recommended.</td>
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<td></td>
<td><strong>MATH 43: Precalculus III: Advanced Topics</strong></td>
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<td>**Unit(s): 5</td>
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<td>Hours: Five hours lecture (60 hours total per quarter).</td>
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<td>General Education Status: GE</td>
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<td><strong>Requisites:</strong> (See general education pages for the requirement this course meets.) (Not open to students with credit in MATH 43H.) Prerequisite: MATH 41 (or MATH 41H) and MATH 42 (or MATH 42H) (both with a grade of C or better); or a satisfactory score on Calculus Readiness Test within the last calendar year. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273. <strong>Course Description:</strong> Hyperbolic functions, parametric equations, systems of equations and inequalities, vectors, lines and planes, sequences and series, polar coordinates, mathematical induction, and the binomial theorem.</td>
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<td>10884MATH-043.-01</td>
<td>Precalculus III: Advanced Topics</td>
<td>07:30 AM-09:45</td>
<td>07/01/2019</td>
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<td><strong>Course Notes (Summer):</strong> MATH-043.-01: TI-83 Plus/TI-84 Plus calculator recommended.</td>
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<td>10140MATH-043.-02</td>
<td>Precalculus III: Advanced Topics</td>
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<td>08/11/2019</td>
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<td><strong>Course Notes (Summer):</strong> MATH-043-02: TI-83 Plus/TI-84 Plus calculator recommended.</td>
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</table>
MATH 114: College Math Preparation Level 3: Intermediate Algebra

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: Non-GE  
||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or MATH 212 or equivalent with a grade of C or better. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.
MATH 210: College Math Preparation Level 1: Pre-Algebra

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: Non-GE  
Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  
Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Use of basic arithmetic in application problems, estimation, the real number system, variables and linear equations, graphs of linear equations and the Cartesian coordinate system, the concept of function.

MATH 212: College Math Preparation Level 2: Beginning Algebra

Unit(s): 5  ||  Hours: Five hours lecture (60 hours total per quarter).  ||  General Education Status: Non-GE  
Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Not degree applicable  
Grading Method: Letter Grade

Requisites: Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or MATH 210 or equivalent with a grade of C or better. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Application of linear functions, quadratic functions and linear systems to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

Course Notes (Summer): MATH-212.04: Requires purchase of software license in place of textbook.
### Meteorology

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>MET 10: Weather and Climate Processes</td>
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<td>08/11/2019 MTWTh</td>
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<td>Unit(s): 5</td>
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<td>Hours: Five hours lecture (60 hours total per quarter).</td>
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<td>General Education Status: GE</td>
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<td>Program Status: Program Applicable</td>
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<tr>
<td>Requisites: (See general education pages for the requirement this course meets.) Advisory: MATH 210 or equivalent; EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.</td>
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<tr>
<td>Course Description: Introduction to the principles of the sciences of meteorology and climatology including: history of the sciences; origin, evolution and structure of the atmosphere; major atmospheric variables that determine weather; global and local wind circulations; air masses and frontal systems; birth and development of extra tropical and tropical cyclones and associated severe weather phenomena; weather map analysis and interpretation; objective techniques used by meteorologists to forecast weather; air pollution; atmospheric optics, global climate and the processes that produce climate change including &quot;global warming.&quot;</td>
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<tr>
<td>10956* MET -010.-61Z</td>
<td>(CLAS) Weather and Climate Processes</td>
<td>TBA</td>
<td>Starts: 07/01/2019 MULLENS, TERRENCE ONLINE Ends: 08/11/2019 TBA</td>
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<tr>
<td>Course Notes (Summer): MET-010.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: <a href="https://deanza.instructure.com/courses/3382">https://deanza.instructure.com/courses/3382</a></td>
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<tr>
<td>11744* MET -010.-65Z</td>
<td>(CLAS) Weather and Climate Processes</td>
<td>TBA</td>
<td>Starts: 07/01/2019 JAMES, BRIDGET ONLINE Ends: 08/11/2019 TBA</td>
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<td>Course Notes (Summer): MET-010.-65Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: <a href="https://deanza.instructure.com/courses/3382">https://deanza.instructure.com/courses/3382</a></td>
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<tr>
<td>12414* MET -010.-66Z</td>
<td>(CLAS) Weather and Climate Processes</td>
<td>TBA</td>
<td>Starts: 07/01/2019 JAMES, BRIDGET ONLINE Ends: 08/11/2019 TBA</td>
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</table>
**Course Notes (Summer):** MET-010-.66Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**MET 10L: Meteorology Laboratory**

Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: MATH 210 or equivalent; MET 10 (may be taken concurrently). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Introductory weather lab in which students work with observational data, graphics products, charts and instruments used by synoptic meteorologists to forecast weather. Lab sessions will include current weather products downloaded from the American Meteorological Society's "Online Weather Studies" homepage which has been specifically designed for this course and from De Anza College's automated rooftop weather station. Students will practice the analysis and decision-making skills employed by meteorologists to diagnose air patterns, understand air motions and predict future atmospheric conditions.

12805* MET Meteorology Laboratory (LAB) TBA Starts: MULLENS, ONLINE 07/01/2019 TERRENCE Ends: 08/11/2019 TBA

**Course Notes (Summer):** MET-010L-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** Music

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
</table>
|      | MUSI 1A: Music Appreciation: Music in Western Cultures | Unit(s): 4  || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Introduction to the discipline of music; methods of understanding music available in modern culture; listening techniques; use of fundamental concepts including form, style, musical media, and textures; acquaintance with and comparison of musical examples from various eras and cultures; roles of music in society.
**Course Notes (Summer):** MUSI-001A-61Z: Online Course runs from 7/1/19-8/9/19. Students must have access to a computer, the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**MUSI 12A: Class Piano I**

Unit(s): 1 1/2  
Hours: One hour lecture, two hours laboratory (36 hours total per quarter).  
Repeatability: (This course is included in the Piano Class Applied Performance Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

Requisites: Advisory: MUSI 10A.

Course Description: Beginning piano for students with no previous instruction, those who need knowledge of piano for a teaching credential, music majors, and the general student.

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**MUSI 12B: Class Piano II**

Unit(s): 1 1/2  
Hours: One hour lecture, two hours laboratory (36 hours total per quarter).  
Repeatability: (This course is included in the Piano Class Applied Performance Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

Requisites: Prerequisite: MUSI 12A or consent of instructor.

Course Description: Basic piano for beginning students who read treble and bass clef and understand music notation.
12257MUSI-012B-01  Class Piano II (CLAS)  12:30 PM-01:20 PM  Starts: 07/01/2019  HICKS, GAIL  A29  
Ends: 08/11/2019  TTh

12257MUSI-012B-01  Class Piano II (LAB)  01:30 PM-03:20 PM  Starts: 07/01/2019  HICKS, GAIL  A29  
Ends: 08/11/2019  TTh

**MUSI 12C: Class Piano III**

Unit(s): 1 1/2  || Hours: One hour lecture, two hours laboratory (36 hours total per quarter).  ||
Repeatability: (This course is included in the Piano Class Applied Performance Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||
General Education Status: Non-GE  || Program Status: Program Applicable  || Credit Status: Credit - Degree applicable  ||
Grading Method: Letter Grade

**Requisites:** Prerequisite: MUSI 12B or consent of instructor.

**Course Description:** Piano performance with emphasis on interpretation, musical form and harmony.

12258MUSI-012C-01  Class Piano III (CLAS)  12:30 PM-01:20 PM  Starts: 07/01/2019  HICKS, GAIL  A29  
Ends: 08/11/2019  TTh

12258MUSI-012C-01  Class Piano III (LAB)  01:30 PM-03:20 PM  Starts: 07/01/2019  HICKS, GAIL  A29  
Ends: 08/11/2019  TTh

**MUSI 16A: Beginning Acoustic Guitar**

Unit(s): 1 1/2  || Hours: One hour lecture, two hours laboratory (36 hours total per quarter).  ||
Repeatability: (This course is included in the Guitar Class Applied Performance Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)  ||
Formerly: (Formerly MUSI 56A.)  || General Education Status: Non-GE  || Program Status: Program Applicable  ||
Credit Status: Credit - Degree Applicable  ||
Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263.

**Course Description:** A beginning level course covering basic guitar technique, such as strumming, fingerstyle picking, and open and moveable position chords. Both tablature and music notation are covered. No previous musical experience is required. Ideal for learning folk song accompaniment and basic melodies, as well as simple "riffs" and improvisation. Highly recommended for those pursuing music education or primary school teaching certificates and degrees.

12443MUSI-016A-01  Beginning Acoustic Guitar (CLAS)  12:30 PM-01:20 PM  Starts: 07/01/2019  DUNN, RONALD  A31 
Ends: 08/11/2019
MUSI 16B: Jazz, Blues and Popular Guitar
Unit(s): 1 1/2 || Hours: One hour lecture, two hours laboratory (36 hours total per quarter). ||
Repeatability: (This course is included in the Class Applied Performance - Jazz and Non-Western Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.) ||
Formerly: (Formerly MUSI 16.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: MUSI 16A or equivalent skill level; admission by instructor consent.
Course Description: An early-intermediate level study of the common practices used in jazz, blues and selected styles of popular music. Guitar styles from the 1940s to the present will be examined through the use of recording and written examples. Chord voicing, scales, right hand picking techniques, and development of solo skills in these styles will be emphasized.

****** Nursing

NURS 50: Career Opportunities in Nursing
Unit(s): 2 || Hours: Two hours lecture (24 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Pass/Fail

Requisites: Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263.
Course Description: Careers in the health field with emphasis on education and practice. Required course
for entry to De Anza's Registered Nursing Programs. Not required for LVN Transition to RN or Refresher Program for Registered Nurses.

10057 NURS-050.-01 Career Opportunities in Nursing (CLAS) 07:30 AM-09:20 AM Starts: 07/01/2019 HRYCYK, CATHERINE Ends: 08/11/2019 MLC103

****** Nutrition

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>12673</td>
<td>NUTR-010.-01</td>
<td>Contemporary Nutrition (CLAS)</td>
<td>01:30 PM-03:55 PM</td>
<td>Starts: 07/01/2019</td>
<td>KNOBLAUGH, KAREN</td>
<td>S57</td>
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**NUTR 10: Contemporary Nutrition**

Unit(s): 4  
Hours: Four hours lecture (48 hours total per quarter).  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: Introductory level nutrition. Relationship of nutrients to health and physical fitness. Physiological, cultural, psychological and economic influences on food choices. Evaluation of current nutritional issues and controversies.

Course Notes (Summer): NUTR-010.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

00736* NUTR-010.-65Z Contemporary Nutrition (TBA) TBA Starts: 07/01/2019 LIECHTY, BARBARA Ends: 08/11/2019 TBA

Course Notes (Summer): NUTR-010.-65Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
**Course Notes (Summer)**: NUTR-010.-66Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Course Notes (Summer)**: NUTR-010.-67Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**NUTR 62G: Dieting (Sifting Fact from Fiction)**
Unit(s): 1 || Hours: One hour lecture (12 hours total per quarter). || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites**: Advisory: NUTR 10 or NUTR 62.

**Course Description**: An examination of the causes of obesity, an evaluation of popular weight control diets and an analysis of effective methods of weight loss.

**Course Notes (Summer)**: NUTR-062G-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**Physical Education**

**Important Department Information**: Physical Education activity courses, e.g. core, yoga, coaching, now reside in the Kinesiology (KNES) Department. Please see Kinesiology (KNES) Department for complete class listing.

Massage Therapy core courses, formerly PE 54 series, now reside in the Massage (MASG) Department. Please see Massage (MASG) Department for complete class listing.
P E 4XX: High Intensity Strength Development for Athletes

Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || Repeatability: (Satisfies the requirement of an intercollegiate athletics course. May be taken up to six times for credit.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Enrollment in intercollegiate athletics.
Course Description: Designed for intercollegiate athletic teams. Specificity of rigorous total body strength development is emphasized. A single set, high intensity, three day per week program is utilized. The course is based upon the principles of high intensity lifting to gain maximum strength throughout the various muscle systems. Concentric and eccentric failure of the muscles is emphasized using free weights and Hammer Strength apparatus.

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>12146P E</td>
<td>High Intensity Strength Development for Athletes</td>
<td>10:00 AM-11:15 AM</td>
<td>08/12/2019</td>
<td>09/22/2019</td>
<td>TTh</td>
<td>STAFF, M</td>
<td>FLDBB</td>
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<tr>
<td>12146P E</td>
<td>High Intensity Strength Development for Athletes</td>
<td>11:30 AM-12:45 PM</td>
<td>08/12/2019</td>
<td>09/22/2019</td>
<td>TTh</td>
<td>TBA</td>
<td>FLDBB</td>
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</table>

Course Notes (Summer): PE04XX.02 - This is a 6-week class that begins on August 13th. This class is designed for student-athletes interested in Baseball at De Anza College. Please contact Erick Raich for more information: 408-864-8783

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>12760P E</td>
<td>High Intensity Strength Development for Athletes</td>
<td>06:00 AM-07:20 AM</td>
<td>07/15/2019</td>
<td>08/11/2019</td>
<td>MTWThF</td>
<td>SINGH, KULWANT</td>
<td>FLDS</td>
</tr>
</tbody>
</table>

Course Notes (Summer): PE4XX.03: This is a high-intensity conditioning and athletics class for De Anza College athletes. Anyone interested in this class must contact Kulwant Singh. singhkulwant@deanza.edu This class meets for 4 Weeks starting 7/15 and ends on 8/11.

<table>
<thead>
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<th>Class Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Start Date</th>
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<th>Days</th>
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<tr>
<td>12761P E</td>
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<td>06:00 AM-07:30 AM</td>
<td>09/03/2019</td>
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<td>MTWThFSU</td>
<td>SINGH, KULWANT</td>
<td>FLDS</td>
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</tbody>
</table>

Course Notes (Summer): PE04XX.04: This is a 3-week class that begins on 9/3 and ends on 9/22. This class is designed for student-athletes interested in Softball at De Anza College. Please contact Jason Bugg for more information: 408-864-5597

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Course Title</th>
<th>Time</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>12815P E</td>
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<td>04:30 PM-05:45 PM</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>TBA</td>
<td>SANTOS, ANTHONY</td>
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</tr>
</tbody>
</table>
P E 32J: Water Polo Techniques
Unit(s): 2 || Hours: Three hours laboratory for the one unit course (36 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter). || Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 32JX and 32J may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive water polo experience at the high school, club or collegiate levels and consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of water polo. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Through the intercollegiate competitive experience students will improve their individual water polo skills, increase their ability to employ advanced training and increase their knowledge of exercise physiology, exercise nutrition, and kinesiological concepts. Competitive water polo experience preferred at the high school, club or collegiate levels.

12755P E -032J-01 Water Polo Techniques (LAB) 08:00 AM-12:15 PM Starts: 07/01/2019 ALTMAN, DANIELLE POOLW Ends: 07/25/2019

Course Notes (Summer): P E 032J-01: Please contact Coach VonMatt prior to enrolling in this course. email: vonmattdanielle@deanza.edu

P E 32K: Basketball Techniques
Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (Satisfies the requirement of an intercollegiate athletics course. May be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive basketball experience at the high school, club or collegiate levels and consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of basketball. Includes a global and historical examination of the sport, rules, equipment, facilities and etiquette. Skills and techniques of advanced basketball play. Includes analysis of basketball movement, team interaction and basketball theory. Students will gain an understanding of exercise physiology, nutrition, development of muscular strength and endurance and flexibility will be enhanced.

11649P E -032K-01 Basketball Techniques (LAB) 04:00 PM-05:50 PM Starts: 07/01/2019 DAMJANOVIC, JASON PE21W Ends: 09/22/2019

Course Notes (Summer): P E -032K-01: This class is for the Men's Intercollegiate Basketball Team. Anyone interested must contact Coach Jason Damjanovic, damjanovicjason@deanza.edu prior to signing up. 12-week class - begins the week of July 1, 2018 Ends September 22, 2018.
Course Notes (Summer): P E -032K-63: This is a 12-week class designed for the Women's Basketball Team that begins the week of July 1, 2018 and ends on September 22. Please contact Coach Mike Allen at allenmichael@fhda.edu or 408-864-8951, for more information before enrolling in this course.

P E 32N: Track and Field Techniques
Unit(s): 2  ||  Hours: Six hours laboratory (72 hours total per quarter).  ||  Repeatability: (Satisfies the requirement of an intercollegiate athletics course. May be taken up to six times for credit.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive track and field experience at the high school, club or collegiate levels and consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the competitive sport of track and field. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Students will improve their individual track and field skills, increase their ability to employ advanced strategies and increase their knowledge of exercise physiology, exercise nutrition, kinesiological concepts underlying the development of force, power and body awareness.

Course Notes (Summer): PE032N-02: This is a 6-week class. All interested student-athletes please contact Coach Nick Mattis before enrolling in this course. mattisnick@deanza.edu

Course Notes (Summer): P E -032N-03: All interested student-athletes please contact Coach Nick Mattis before enrolling in this course. mattisnick@deanza.edu

P E 32P: Techniques of Swimming
Unit(s): 2  ||  Hours: Six hours laboratory (72 hours total per quarter).  ||  Repeatability: (Satisfies the requirement of an intercollegiate athletics course. May be taken up to six times for credit.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive swimming experience at the high school, club or collegiate levels and consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: An introduction to the discipline of physical education through swimming and diving. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Through the competitive class experience students will improve their individual swimming skills, increase their ability to employ advanced training and increase their knowledge of exercise physiology, exercise nutrition, kinesiological concepts underlying the development of force, power and biomechanics.

12756 P E Techniques of Swimming (LAB) 08:00 AM-12:15 Starts: ALTMAN, POOLE 07/01/2019 DANIELLE 07/25/2019 MTWTh

Course Notes (Summer): P E-032P.-01: This class is a 4 week class that meets 7/1 and ends 7/25. All interested swim and dive team athletes must enroll in either PE032P.01. Contact Coach Altman for more information at altmandanielle@deanza.edu

P E 32LX: Volleyball Techniques
Unit(s): 1 Hours: Three hours laboratory for the one unit course (36 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter). Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 32LX and 32L may be taken up to six times for credit.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive volleyball experience at the high school, club or collegiate levels and consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of volleyball. Includes a global and historical examination of the sport at an advanced level, rules, equipment, facilities, etiquette, safety, and fundamentals of advanced volleyball. Students will apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their overall playing level. Skills and techniques of advanced volleyball play. Analysis of movement, team interaction, and volleyball theory.

12692 P E Volleyball Techniques (LAB) 06:15 AM-08:20 Starts: GUEVARA, PE21E 07/01/2019 DAWNIS 07/26/2019 MTWTh

Course Notes (Summer): PE32LX.01: This is a 4 week class that starts on 7/1 and ends on 7/26. This class is for the Women's Intercollegiate Volleyball Team. Anyone interested must contact Coach Dawnis Guevara - Prior to signing up for the class. guevaradawnis@deanza.edu

P E 32MX: Soccer Techniques
Unit(s): 1 Hours: Three hours laboratory for the one unit course (36 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter). Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 32MX and 32M may be taken up to six times for credit.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive soccer experience at the high school, club or collegiate levels and consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
**Course Description:** Further examination of the discipline of Physical Education through the sport of soccer. Includes rules, equipment, facilities, etiquette and preparation for a competitive level of play. This course is designed to enhance skills and strategies of intermediate or advanced soccer players. Strategies and tactics of the game will be discussed and performed. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to soccer will be discussed.

12747 P E -32MX-01  
Soccer Techniques (LAB)  
02:00 PM-03:30 PM  
07/08/2019  
JOHNSON, MARK  
FLDS  
Ends:  
08/11/2019  
MTWTh

**Course Notes (Summer):** P E 32MX.-01: This is a 5-week Course that begins on 7/8 and ends on 8/11. This class is for the Men's Intercollegiate Soccer Team. Anyone interested must contact Coach Rusty Johnson, johnsonmark@deanza.edu, prior to signing up for the class.

12750 P E -32MX-55  
Soccer Techniques (LAB)  
05:00 AM-06:30 AM  
07/08/2019  
JOHNSON, MARK  
FLDS  
Ends:  
08/11/2019  
MTWTh

**Course Notes (Summer):** PE32MX.55 - This class is for the Men's Intercollegiate Soccer Team. Anyone interested must contact Coach Rusty Johnson, johnsonmark@deanza.edu Prior to signing up for the class.

**P E 32SX:** Women's Soccer Techniques  
Unit(s): 1  
| Hours: Three hours laboratory for the one unit course (36 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter). | Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 32SX and 32S may be taken up to six times for credit.) | General Education Status: GE  | Program Status: Program Applicable  | Credit Status: Credit - Degree applicable  | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Competitive soccer experience at the high school, club or collegiate levels and consent of instructor. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.  
**Course Description:** Further examination of the discipline of Physical Education through the sport of soccer. Designed to enhance skills and strategies of intermediate to advanced soccer players. Includes rules, equipment, facilities, etiquette and preparation for performance on a competitive level. Strategies and tactics of the game will be discussed and performed. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to soccer will be discussed.

12748 P E -32SX-01  
Women's Soccer Techniques (LAB)  
09:00 AM-11:05 AM  
07/08/2019  
OWIESNY, CHERYL  
FLDS  
Ends:  
08/02/2019  
MTWTh

**Course Notes (Summer):** PE32SX.01: This is a 4-week class that begins on 7/8 and ends on 8/2. This class is for those interested in playing on the women's soccer team at De Anza College. Contact Cheryl Owiesny for more information: owiesnycheryl@fhda.edu
Women's Soccer Techniques (LAB) 04:30 PM-06:35 PM 07/08/2019 OWIESNY, CHERYL
Ends: 08/02/2019
MTWTh

Course Notes (Summer): PE32SX.55: This is a 4-week class that begins on 7/8 and ends on 8/2. This class is for those interested in playing on the women's soccer team at De Anza College. Contact Cheryl Owiesny for more information: owiesnycheryl@fhda.edu

P E 39MX: Intercollegiate Men's Soccer
Unit(s): 1 1/2 Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter). Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 39MX, 39MY and 39M may be taken up to six times for credit.) Formerly: (P E 39M was formerly P E 39.) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in soccer; physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of soccer. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Emphasis placed upon the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in match play. Discussion of strategic information from scouting reports with application to game preparation and management. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to soccer will be discussed.

P E 39WX: Intercollegiate Women's Soccer
Unit(s): 1 1/2 Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter). Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 39WX, 39Wy and 39W may be
taken up to six times for credit.) || Formerly: (P E 39WX was formerly P E 98C.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in women's soccer, physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through the sport of soccer. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Emphasis is placed upon the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in intercollegiate athletics. The laws of the game, De Anza College code of ethics, and intercollegiate rules will be discussed. Exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to soccer at the collegiate level will be discussed.

12145P E 39WX-01
- Intercollegiate Women's Soccer (LAB) 11:30 AM-01:35 PM
- Starts: 08/12/2019
- Ends: 09/22/2019
- MTWTh
- OWIESNY, CHERYL
- FLDS

**Course Notes (Summer):** PE39WX.01: This is a 6-week class that begins on 8/12 and ends on 9/22. This class is for the Women's Intercollegiate Soccer Team. Anyone interested must contact Coach Cheryl Owiesny, owiesnycheryle@deanza.edu Prior to signing up for the class.

12766P E 39WX-02
- Intercollegiate Women's Soccer (LAB) 04:30 PM-06:55 PM
- Starts: 08/26/2019
- Ends: 09/22/2019
- MTWThF
- OWIESNY, CHERYL
- FLDS

**Course Notes (Summer):** PE39WX.02: This is a 4-week class that begins on 8/26 and ends on 9/22. This class is for those interested in playing on the women's soccer team at De Anza College. Contact Cheryl Owiesny for more information: owiesnycheryl@fhda.edu

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**P E 40X: Intercollegiate Football**

Unit(s): 1 1/2 || Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter). || Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 40, 40X and 40Y may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in football; physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through intercollegiate football. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Emphasis placed on the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in games. Discussion of the rules of the game, equipment technology and fair play will be incorporated into the course. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to football will be discussed.
Course Notes (Summer): PE040X.02 - This is a 7-week class that begins on August 6th. This class is for the Men's Intercollegiate Football Team. Anyone interested must contact Coach Tony Santos, santosanthony@deanza.edu Prior to signing up for the class.

Course Notes (Summer): PE 040X-.03: This is 5-week class that begins on 8/19 and ends on 9/22. This class is for the Men's Intercollegiate Football Team. Anyone interested must contact Coach Tony Santos, santosanthony@deanza.edu Prior to signing up for the class.

Course Notes (Summer): PE 40X-04: This class meets for 7 weeks, from 8/6 - 9/23. This class is for the Intercollegiate Football Team. All interested athletes must contact Coach Santos: santosanthony@deanza.edu before registering for this class.

P E 41X: Intercollegiate Water Polo
Unit(s): 1 1/2 || Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter). || Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 41X, 41Y and 41 may be taken up to six times for credit.) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in water polo; physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through water polo. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Emphasis placed on the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in games. Discussion of the rules of the game, equipment technology and fair play will be incorporated into the course. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to water polo will be discussed.
Course Notes (Summer): P E -041X-01: This class is a 6-week class that begins on 8/12 and ends 9/22. This class is for the Intercollegiate Water Polo Team. Anyone interested must contact Coach Danielle Altman, altmandanielle@deanza.edu PRIOR to signing up for the class.

12762 P E -041X-02 Intercollegiate Water Polo (LAB) 05:00 AM-07:25 AM Starts: 08/26/2019 ALTMAN, DANIELLE POOLW Ends: 09/22/2019

Course Notes (Summer): P E -041X-02: This is a 4-week class that begins on 8/26 and ends on 9/22. Please contact Coach VonMatt prior to enrolling in this course. email:vonmattdanielle@deanza.edu

P E 42WX: Intercollegiate Women's Volleyball

Unit(s): 1 1/2  ||  Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); six hours laboratory for the two unit course (72 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter).  ||  Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 42WX, 42WY and 42W may be taken up to six times for credit.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in volleyball; physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the discipline of Physical Education through the sport of volleyball. Includes a global and historical examination of the sport, rules, equipment, facilities, etiquette, and safety. Emphasis placed on the four major pillars of the game: mental, physical, tactical and technical aspects necessary to successfully compete in games. Discussion of the rules of the game, equipment technology and fair play will be incorporated into the course. Basic exercise physiology, nutrition, flexibility, muscular strength and endurance techniques relative to volleyball will be discussed.

12116 P E -42WX-01 Intercollegiate Women's Volleyball (LAB) 12:30 PM-02:35 PM Starts: 08/12/2019 GUEVARA, DAWNIS PE21E Ends: 09/22/2019 MTWTh

Course Notes (Summer): P E -42WX-01: This is a 6-week class that begins 8/12 and ends 9/22. This class is for the De Anza College Women's Volleyball team ONLY. Anyone interested should contact Coach Dawnis Guevara PRIOR to signing up: Email: guevaradawnis@deanza.edu

12763 P E -42WX-02 Intercollegiate Women's Volleyball (LAB) 06:00 AM-08:20 AM Starts: 08/26/2019 GUEVARA, DAWNIS PE21W Ends: 09/22/2019 MTWThF

Course Notes (Summer): P E -42WX-02: This is a 4-week class that begins 8/26 and ends 9/22. This class is for the De Anza College Women's Volleyball team ONLY. Anyone interested should contact Coach Dawnis Guevara PRIOR to signing up: Email: guevaradawnis@deanza.edu
P E 43X: Intercollegiate Cross Country (Men and Women)
Unit(s): 1 1/2  ||  Hours: Four and one-half hours laboratory for the one and one-half unit course (54 hours total per quarter); nine hours laboratory for the three unit course (108 hours total per quarter).  ||  Repeatability: (Satisfies the requirement of an intercollegiate athletics course. Any combination of P E 43X, 43Y and 43 may be taken up to six times for credit.)  ||  Formerly: (P E 43X was formerly P E 98G.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Prerequisite: Competitive experience in cross country, physician's clearance and completion of eligibility forms; all second year athletes must fulfill academic requirements per the CCCAA (California Community College Athletics Association). Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273. Course Description: An introduction to the discipline of physical education through the competitive sport of cross country. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Through the intercollegiate competitive experience students will improve their individual running skills, increase their ability to employ advanced strategies and increase their knowledge of exercise physiology, exercise nutrition, kinesiological concepts underlying the development of endurance, strength development and body awareness.

Course Notes (Summer): P E -43X-01: This is a 5-week class that begins on 8/19 and ends on 9/22. This class is for the De Anza College Men's and Women's Cross Country team. Anyone interested should contact Coach Nick Mattis: Email: mattisnicholas@deanza.edu

Course Notes (Summer): P E -043X-03: This is a 6-week class that begins on 8/12 and ends on 9/22. Please contact Coach Mattis prior to enrolling in this course. Email: mattisnick@deanza.edu

P E 99: Orientation to Athletics
Unit(s): 1  ||  Hours: One hour lecture (12 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Not Program Applicable (Stand Alone)  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Pass/Fail

Requisites: Prerequisite: Competitive athletics experience at a high school or club level; medical examination. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273. Course Description: An introduction to De Anza College Intercollegiate Athletics. An orientation to the De Anza College Physical Education and Athletics Division programs, policies, services, requirements, transfer, etc. Topics discussed will be eligibility, decorum, team rules, college rules, NCAA rules, CCCAA rules, medical information, insurance, nutrition, alcohol awareness, drug education, prevention of violence in our communities with an emphasis on the prevention of violence against women and other marginalized populations, team work, leadership, time management and study skills. Academic and athletic success will
be the focus.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
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<td>Orientation to Athletics (CLAS)</td>
<td>05:00 AM-07:50 AM</td>
<td>Starts: 08/19/2019</td>
<td>LANDE Feld, MARK</td>
<td>ADM119</td>
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<tr>
<td>12769P E -099.-61</td>
<td>Orientation to Athletics (CLAS)</td>
<td>08:00 PM-10:50 PM</td>
<td>Starts: 08/19/2019</td>
<td>LANDE Feld, MARK</td>
<td>MLC103</td>
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<tr>
<td>12802P E -099.-62</td>
<td>Orientation to Athletics (CLAS)</td>
<td>08:00 PM-10:50 PM</td>
<td>Starts: 08/26/2019</td>
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<tr>
<td>12803P E -099.-63</td>
<td>Orientation to Athletics (CLAS)</td>
<td>08:00 PM-10:50 PM</td>
<td>Starts: 09/16/2019</td>
<td>LANDE Feld, MARK</td>
<td>MLC103</td>
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</table>

**Course Notes (Summer):** P E -099.-01: This is an Orientation to Athletics class that will meet for one week, from 8/19 to 8/23. This class is for student-athletes. If you have any questions please contact: Mark Landefeld at 408-864-8541.

**Course Notes (Summer):** P E -099.-62: This is an Orientation to Athletics class that will meet for one week, from 8/26 to 8/30. This class is for student-athletes. If you have any questions please contact: Mark Landefeld at 408-864-8541.

**Course Notes (Summer):** P E -099.-63: This is an Orientation to Athletics class that will meet for one week from 9/16 to 9/20. This class is for student-athletes. If you have any questions please contact: Mark Landefeld at 408-864-8541.

***** Paralegal Program

PARA 75: Principles and Procedures of the Justice System

Unit(s): 4    || Hours: Four hours lecture (48 hours total per quarter).    || Also Listed As: (Also listed as ADMJ 75 and POLI 75. Students may enroll in only one department for credit.)    || General Education Status: Non-GE    || Program Status: Program Applicable    || Credit Status: Credit - Degree applicable    || Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Procedures followed by law enforcement and courts in criminal cases; constitutional
principles governing those procedures.

** PARA 84: Trial Preparation**
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  General Education Status: Non-GE  
|  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: PARA 97B. Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: Role of paralegal in preparing a case for trial including pretrial planning, evidence gathering and case analysis.

** PARA 99: California Probate Law and Procedures**
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  General Education Status: Non-GE  
|  Program Status: Program Applicable  |  Credit Status: Credit - Degree applicable  |  Grading Method: Letter Grade

Requisites: Prerequisite: PARA 94 (may be taken concurrently) or PARA 95 (may be taken concurrently) or professional experience appropriate to the topic. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: California probate substantive law and procedures including state and federal estate tax requirements, conservatorships and community property death transfers.

****** Physical Education/Adapted

Important Department Information: Physical Education classes for individuals with special needs.
PEA 1: Adapted Total Fitness
Unit(s): 0 1/2  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).)  General Education Status: GE  Program Status: Program Applicable  Credit Status: Credit - Degree applicable  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, this course is an introduction to the discipline of Physical Education through total fitness. Students will improve total fitness through a program of cardiovascular exercise, agility, speed, flexibility and resistance training. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to total fitness training. Includes a brief historical examination of how fitness training has changed due to the influences of individuals, cultures, and medical research. Students will review and apply basic exercise physiology and fitness concepts in the context of their own abilities and limitations to develop and/or maintain their cardiovascular, strength, and flexibility fitness levels.

00856PEA-001.-01  Adapted Total Fitness (LAB)  10:10 AM-11:10 AM  Starts: 07/01/2019  BAKER, TRACY  PE13
Ends: 08/25/2019  TTh

00858PEA-001.-02  Adapted Total Fitness (LAB)  12:50 PM-01:50 PM  Starts: 07/01/2019  PERKINS, NATHAN  PE13
Ends: 08/25/2019  TTh

00859# PEA-001.-02F  Adapted Total Fitness (LAB)  09:00 AM-10:00 AM  Starts: 07/01/2019  REGEHR, GORDON  CUPSC
Ends: 08/25/2019  MW

Course Notes (Summer): PEA -001.-01: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

00860PEA-001.-03  Adapted Total Fitness (LAB)  03:10 PM-04:10 PM  Starts: 07/01/2019  PERKINS, NATHAN  PE13
Ends: 08/25/2019  TTh

Course Notes (Summer): PEA -001.-03: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.
PEA 1X: Adapted Total Fitness
Unit(s): 1  
Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).
Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).)  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, this course is an introduction to the discipline of Physical Education through total fitness. Students will improve total fitness through a program of cardiovascular exercise, agility, speed, flexibility and resistance training. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to total fitness training. Includes a brief historical examination of how fitness training has changed due to the influences of individuals, cultures, and medical research. Students will review and apply basic exercise physiology and fitness concepts in the context of their own abilities and limitations to develop and/or maintain their cardiovascular, strength, and flexibility fitness levels.

PEA 2: Adapted Strength Development
Unit(s): 0 1/2  
Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).
Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).)  
General Education Status: GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.
Course Description: Adapted to provide reasonable accommodations for students with verified physical
disabilities, this course is an introduction to the discipline of Physical Education through strength development in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to strength training. Includes a brief historical examination of how strength training has changed due to the influences of individuals, cultures, and medical research. Students will review and apply basic exercise physiology and strength development concepts in the context of their own abilities and limitations to develop and/or maintain their muscular strength.

**Course Notes (Summer):** PEA -002.-01: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

**Course Notes (Summer):** PEA -002.-02: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

**Course Notes (Summer):** PEA -002.-03: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

**Course Notes (Summer):** PEA -002X.-04: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

**Course Notes (Summer):** PEA -002.-05: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

**PEA 2X: Adapted Strength Development**

Unit(s): 1  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per
Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, this course is an introduction to the discipline of Physical Education through strength development in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to strength training. Includes a brief historical examination of how strength training has changed due to the influences of individuals, cultures, and medical research. Students will review and apply basic exercise physiology and strength development concepts in the context of their own abilities and limitations to develop and/or maintain their muscular strength.

Course Notes (Summer): PEA -002X-61: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

PEA 4: Adapted Cardiovascular Training
Unit(s): 0 1/2 Hours: Lab Hrs: 18.00 - 72.00 Out of Class Hrs: 0.00 Total Student Learning Hrs: 18.00 - 72.00 Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).) General Education Status: GE Program Status: Program Applicable Credit Status: Credit - Degree applicable Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, this course is an introduction to the discipline of Physical Education through cardiovascular training in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Includes rules, equipment, etiquette, safety, nutrition, and techniques related to cardiovascular training. Global and historical review of the evolution of aerobic exercise, exercise trends for men, women, and athletes as they correspond to the evolution of the discipline of Physical Education. Students will review and apply basic exercise physiology and fitness concepts in the context of their own abilities and limitations to develop and/or maintain their cardiovascular fitness levels.

Course Notes (Summer): PEA -004.-02: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.
Course Notes (Summer): PEA -004.-03: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

PEA 5: Adapted Aquatic Exercise

Unit(s): 0.5/2. || Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter). || Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).) || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Adapted to provide reasonable accommodations for students with verified physical disabilities, this course is an introduction to the discipline of Physical Education through water exercise in the context of an individual's physical, intellectual, and/or affective abilities and limitations. Aquatic exercise uses dynamic aerobic exercise techniques to provide a level of conditioning for both the aerobic and anaerobic energy systems. The freestyle interval format combines jogging, jumping, walking, punching, kicking, and a variety of aerobic type movements performed in land-based programs. Students will strive for ultimate fitness through a complete program of cardiovascular exercise, strength development, and flexibility. An historical examination of aqua exercise for fitness, rehabilitation, and play will be included.

Course Notes (Summer): PEA -005.-02: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

Course Notes (Summer): PEA -005.-03: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

Course Notes (Summer): PEA -005.-04: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

Course Notes (Summer): PEA -005.-05: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.
Course Notes (Summer): PEA -005.-05: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

PEA -005.-06: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

Course Notes (Summer): PEA -005X.-06: Must register through Disability Support Services - (408) 864-8753. 8-week class, begins the week of July 1, 2019.

PEA 6Y: Adapted Outdoor Education
Unit(s): 1 1/2  ||  Hours: Four and one-half hours laboratory (54 hours total per quarter).  ||  Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: A multifaceted course for students with disabilities seeking outdoor experiential education. Includes diverse experiences involving accessible activities including hiking, kayaking, white water rafting, camping, sailing, etc. Using adapted methodologies and wilderness safety, disabled students will experience survival techniques and investigate flora and fauna. Students with disabilities will experience personal fulfillment from being in an outdoor environment. Mental and physical strength will be tested. Adapted skills will be utilized.

Course Notes (Summer): PEA 006Y-02F: Class meets for 8 weeks, from 7/1-8/25/19. Class meets at the Cupertino Senior Center, 21251 Stevens Creek Blvd, Cupertino, California 95014.

****** Philosophy

PHIL 1: Knowledge and Reality
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or
EWRT 1AH or ESL 5.

**Course Description:** An introduction to two of the most fundamental branches of philosophy, Epistemology (the study of knowledge) and Metaphysics (the study of reality). Pluralistic approaches will be applied to classical and contemporary problems, issues, and figures.

00883PHIL-001.-01 Knowledge and Reality (CLAS) 10:00 AM-12:25 PM Starts: 07/01/2019 Ends: 08/11/2019 HANSON, ANTHONY MLC111

12516* Knowledge and Reality (CLAS) TBA Starts: 07/01/2019 Ends: 08/11/2019 BOOHER, CHARLES ONLINE

**Course Notes (Summer):** PHIL-001.-61Z: Online course with video stream components. Access to e-mail and the Internet is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

12517* Knowledge and Reality (CLAS) TBA Starts: 07/01/2019 Ends: 08/11/2019 BOOHER, CHARLES ONLINE

**Course Notes (Summer):** PHIL-001.-65Z: Online course with video stream components. Access to e-mail and the Internet is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**PHIL 4: Critical Thinking**

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** An introduction to the study of argumentation, critical evaluation, and the use of language in interpretation of diverse forms of discourse. Explores practical applications of critical thinking skills in everyday situations such as problem solving and evaluation of arguments.

12519* Critical Thinking (CLAS) TBA Starts: 07/01/2019 Ends: 08/11/2019 BAIAMONTE, NICHOLAS ONLINE

**Course Notes (Summer):** PHIL-004.-61Z: Online course with video stream components. Access to e-mail and the Internet is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382
Critical Thinking (CLAS)

PHIL-004.-65Z

GALINDO, JAVIER

ONLINE

Starts: 07/01/2019
Ends: 08/11/2019
TBA

Course Notes (Summer): PHIL-004.-65Z: Online course with video stream components. Access to e-mail and the Internet is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

PHIL 8: Ethics

Unit(s): 4

Hours: Four hours lecture (48 hours total per quarter).

General Education Status: GE

Program Status: Program Applicable

Credit Status: Credit - Degree applicable

Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An integrated and multicultural study of ethical philosophy. Emphasis will be given to topics such as moral reflection, moral reasoning, moral decision making, and action. Many approaches to ethics, including Western and non-Western traditions will be examined. Readings will be selected from moral philosophy, history, psychology, sociocultural criticism, and other sources (such as film and literature).

PHIL-008.-01

Ethics (CLAS)

PHIL-008.-01

12:30 PM-02:55

07/01/2019

12:30 PM-02:55

07/01/2019

HAMMERUD, RICHARD

MLC111

PHIL-008.-61Z

Ethics (CLAS)

PHIL-008.-61Z

TBA

BAIAMONTE, NICHOLAS

ONLINE

TBA

TBA

PHIL-008.-65Z

Ethics (CLAS)

PHIL-008.-65Z

TBA

LE, TRUNG

ONLINE

TBA

TBA

Course Notes (Summer): PHIL-008.-61Z: Online course with video stream components. Access to e-mail and the Internet is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

Course Notes (Summer): PHIL-008.-65Z: Online course with video stream components. Access to e-mail and the Internet is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

******* Photography
### PHTG 1: Basic Photography

Unit(s): 3  
Hours: Two hours lecture, three hours laboratory (60 hours total per quarter).  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263; MATH 210 or equivalent.

**Course Description:** Introduction to black and white photography. Overview of the 35mm single lens reflex camera operating system. Basic understanding of film processing, printing and finishing. Development of critical thinking skills to analyze historical, cultural, conceptual and practical aspects of a medium used worldwide. Preparatory for further work in photography including digital imaging.

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<th>CRN</th>
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<th>Time</th>
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<th>Instructor</th>
<th>Location</th>
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</thead>
</table>
| 00889PHTG-001.-01 | Basic Photography (CLAS) | 09:30 AM-11:20 | Starts: 07/01/2019  
Ends: 08/11/2019 | TENG, LISA | A65      |
| 00889PHTG-001.-01 | Basic Photography (LAB)  | 11:30 AM-02:20 | Starts: 07/01/2019  
Ends: 08/11/2019 | TENG, LISA | A65      |

### PHTG 4: Introduction to Digital Photography

Unit(s): 3  
Hours: Two hours lecture, three hours laboratory (60 hours total per quarter).  
General Education Status: Non-GE  
Program Status: Program Applicable  
Credit Status: Credit - Degree applicable  
Grading Method: Letter Grade

**Requisites:** Advisory: EWRT 200 and READ 200 (or LART 200), or ESL 261, 262 and 263.

**Course Description:** An introduction to digital photography and digital imaging processes. Gain proficiency in the use of a digital camera and explore the digital darkroom using Adobe Lightroom. Develop skills in digital print output for both fine art and commercial applications. Gain knowledge of issues in contemporary photography and develop an ability to analyze and discuss photographic imagery. Basic, beginning photography and wet darkroom experience recommended.

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<th>CRN</th>
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<th>Instructor</th>
<th>Location</th>
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| 10946PHTG-004.-01 | Introduction to Digital Photography (CLAS) | 09:30 AM-11:20 | Starts: 07/01/2019  
Ends: 08/11/2019 | KANEKO, HIROYO | A92      |
| 10946PHTG-004.-01 | Introduction to Digital Photography (LAB)  | 11:30 AM-02:20 | Starts: 07/01/2019  
Ends: 08/11/2019 | KANEKO, HIROYO | A92      |

### PHTG 7: Exploring Visual Expression
Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** Exploring visual expression through the photographic medium. Understanding of basic principles of perception, light, color, composition and visual awareness. Development of critical thinking skills to express aesthetic, intellectual and emotional concerns. Basic overview of the history of the medium. Instruction on the use of cameras, lenses, and other creative controls of photography.

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<th>Location</th>
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**Course Notes (Summer):** PHTG-007.-61Z: Online Course runs from 7/1/19-8/9/19. Students must have access to a computer, the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**PHTG 21: Contemporary Trends in Photography**

Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | General Education Status: GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** A comprehensive introduction to contemporary trends, styles and applications of photography starting in 1925. An examination of photography’s broad impact as a cultural, visual and social force including the diversity of 20th and 21st Century photographic movements.

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**Course Notes (Summer):** PHTG-021.-61Z: Online Course runs from 7/1/19-8/9/19. Students must have access to a computer, the Web and an individual e-mail address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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***** Physics

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<th>Instructor</th>
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### PHYS 10: Concepts of Physics

**Unit(s):** 5  ||  **Hours:** Five hours lecture (60 hours total per quarter).  ||  **General Education Status:** GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Prerequisite: MATH 114 or equivalent; or a qualifying score on the Intermediate Algebra Placement Test. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An exploration of the fundamental concepts of physics as applied to everyday phenomena from a limited mathematical perspective emphasizing verbal logic, critical analysis, and rational thought. The history of scientific procedure as an interplay between theory and experimentation will be analyzed. Students will critically evaluate the role of scientific discovery in the success and development of technology.

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<th>CRN</th>
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<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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<td>12035</td>
<td>Concepts of Physics (CLAS)</td>
<td>03:00 PM-05:15 PM</td>
<td>07/01/2019-08/11/2019</td>
<td>FRANCIS, RONALD</td>
<td>S11</td>
</tr>
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</table>

### PHYS 50: Preparatory Physics

**Unit(s):** 4  ||  **Hours:** Four hours lecture (48 hours total per quarter).  ||  **General Education Status:** Non-GE  ||  **Program Status:** Program Applicable  ||  **Credit Status:** Credit - Degree applicable  ||  **Grading Method:** Letter Grade

**Requisites:** Advisory: MATH 43 (or MATH 43H) and PHYS 10.

**Course Description:** A study in basic problem solving techniques in mechanics as a preparation for PHYS 4A.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Time</th>
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<tbody>
<tr>
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<td>Preparatory Physics (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>07/01/2019-08/11/2019</td>
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<td>S35</td>
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<td>11183</td>
<td>Preparatory Physics (CLAS)</td>
<td>05:30 PM-07:55 PM</td>
<td>07/01/2019-08/11/2019</td>
<td>LUNA, EDUARDO</td>
<td>S35</td>
</tr>
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</table>

***** Political Science *****
POLI 1: American Government and Politics

Requisites: (See general education pages for the requirement this course meets.) (Not open to students with credit in POLI 1H.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: Critical examination of the contemporary and historical struggle for the development of democratic political institutions in the United States at the state, local, and national levels. Particular emphasis given to the conflict between disparate socioeconomic groups in the conduct of U.S. political life (e.g. traditional elites versus the historically (and currently) disenfranchised-- women, people of color, workers, immigrants, etc.) and the interrelationship among social equity, democracy and sustainable environmental conditions.

Course Notes (Summer): POLI-001.-01Y: POLI-001.-01Y: Hybrid course. Access to the Internet is required. This class physically meets Tuesdays, Wednesdays, and Thursdays from 7:30 to 9:55 AM. The instructor will be available online from 12:30 PM to 2:20 PM on Wednesdays. The online portion of the class is conducted via Canvas.

Course Notes (Summer): POLI-001.-03Y: Hybrid course. Access to the Internet is required. This class physically meets Tuesdays, Wednesdays, and Thursdays from 10:00 AM to 12:25 PM. The instructor will be available online from 12:30 PM to 2:20 PM on Wednesdays. The online portion of the class is conducted via Canvas.
### Course Notes (Summer):

POLI-001.-61Z: Online Course. Students must have access to a computer, the Web, and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

<table>
<thead>
<tr>
<th>CRN</th>
<th>Title</th>
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<th>Meeting Times</th>
<th>Starts</th>
<th>Ends</th>
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<tbody>
<tr>
<td>12511*</td>
<td>American Government and Politics</td>
<td>YUEN, NICHOLAS</td>
<td>TBA</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>ONLINE</td>
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### Course Notes (Summer):

POLI-001.-65Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

<table>
<thead>
<tr>
<th>CRN</th>
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<tr>
<td>11246*</td>
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<td>NGUYEN, JAMES</td>
<td>TBA</td>
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### Course Notes (Summer):

POLI-001.-66Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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<tr>
<td>12419*</td>
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<td>TULLY, DAVID</td>
<td>TBA</td>
<td>07/01/2019</td>
<td>08/11/2019</td>
<td>ONLINE</td>
</tr>
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### Course Notes (Summer):

POLI-001.-67Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

<table>
<thead>
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<th>Title</th>
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<tr>
<td>12624*</td>
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### Course Notes (Summer):

POLI-001.-68Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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<td>12507*</td>
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<td>OVETZ, ROBERT</td>
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Course Notes (Summer): POLI-001.-69Z: Online Course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

POLI 10: Introduction to Administration of Justice
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as ADMJ 1. Students may enroll in either department, but not both, for credit.) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: An introduction to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, response to crime, components of the system and current challenges to the system. Examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principles and approaches. Although justice structure and process is examined in a cross cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies.

12659POLI-010.-01 Introduction to Administration of Justice (CLAS) 10:00 AM-12:25 PM Starts: 07/01/2019 LAWLOR, MARNI L22 Ends: 08/11/2019 TWTh

****** Psychology

CRN Course Title Time Dates/Days Instructor Location

PSYC 1: General Psychology
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || General Education Status: GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: Factors influencing human behavior including: biological and neurological processes and structures, evolution, genetics, gender, life span development, consciousness, attention, sensation, perception, learning, memory cognition, intelligence, motivation, emotion, stress, personality, psychopathology, psychotherapy, social and cultural determinants.

00908PSYC-001.-01 General Psychology (CLAS) 07:30 AM-09:55 AM Starts: FIRPO, CATHERINE MLC260 AM-09:55 AM 07/01/2019 Ends:
### General Psychology (CLAS)

<table>
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<td>00909PSYC-001.-02</td>
<td>General Psychology</td>
<td>10:00 AM-12:25 PM</td>
<td>AVERA, JOSHUA</td>
<td>FOR1</td>
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<tr>
<td>00910PSYC-001.-03</td>
<td>General Psychology</td>
<td>12:30 PM-02:55 PM</td>
<td>TRAFALIS, SANDRA</td>
<td>FOR4</td>
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<td>10967PSYC-001.-04</td>
<td>General Psychology</td>
<td>03:00 PM-05:25 PM</td>
<td>CLIFFORD JR, JAMES</td>
<td>FOR4</td>
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<tr>
<td>00911PSYC-001.-61</td>
<td>General Psychology</td>
<td>06:00 PM-08:25 PM</td>
<td>CLIFFORD JR, JAMES</td>
<td>FOR4</td>
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<td>10214*</td>
<td>PSYC-001.-61Z</td>
<td>TBA</td>
<td>HEALY, MARK</td>
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<td>12210*</td>
<td>PSYC-001.-65Z</td>
<td>TBA</td>
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**Course Notes (Summer):** PSYC-001.-61Z: Online course. Access to e-mail and the Internet is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**Course Notes (Summer):** PSYC-001.-65Z: Online course. Access to e-mail and the Internet is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**PSYC 4: Abnormal Psychology**

- **Unit(s): 4**
- **Hours:** Four hours lecture (48 hours total per quarter).
- **General Education Status:** GE
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
**Course Notes (Summer):** PSYC-004.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

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**PSYC 8: Introduction to Social Psychology**
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** The scientific study of the way individuals think, feel and behave in social situations. The systematic approach will include cross-cultural and comparative perspectives.

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**PSYC 10G: Child Development (The Early Years)**
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Also Listed As: (Also listed as C D 10G. Students may enroll in either department, but not both, for credit.)  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade
**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Course Description:** An introductory course that examines the major physical, psychosocial and cognitive/language developmental milestones for children, both typical and atypical, from conception through middle childhood. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. (This course meets NAEYC Standards 1 and 3; NBPTS Standards 1 and 4; and CEC Standards 1, 2 and 3.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<th>Instructor</th>
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<tr>
<td>12735PSYC-010G-61</td>
<td>Child Development (The Early Years) (CLAS)</td>
<td>06:00 PM-09:50 PM</td>
<td>TALAMANTEZ, RACHEL</td>
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<tr>
<td>12738*</td>
<td>Child Development (The Early Years) (CLAS)</td>
<td>TBA</td>
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**Course Notes (Summer):** PSYC-010G-61Z: Online course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

**PSYC 14: Developmental Aspects of Psychology**

Unit(s): 4

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<tr>
<td>00921PSYC-014.-01</td>
<td>Developmental Aspects of Psychology (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>SCHULTE, ROBIN</td>
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<td>12772PSYC-014.-02</td>
<td>Developmental Aspects of Psychology (CLAS)</td>
<td>03:00 PM-05:25 PM</td>
<td>RAMSKOV, CHARLES</td>
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**Requisites:** (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

**Course Description:** Interaction of the biological, social, cognitive and psychological aspects of human development across the life span.
Courses Offered (Summer):

Developmental Aspects of Psychology (CLAS)

CRN 49015 Course Title Time Dates/Days Instructor Location
10215 PSYC-014.-61 Developmental Aspects of Psychology (CLAS) 06:00 PM-08:25 PM Starts: 07/01/2019 JOHNSON, ELISE MLC110 Ends: 08/11/2019

CRN 00923 Course Title Time Dates/Days Instructor Location
00923* PSYC-014.-61Z Developmental Aspects of Psychology (CLAS) TBA Starts: 07/01/2019 TAMAS, MELISSA ONLINE Ends: 08/11/2019 TBA

Course Notes (Summer): PSYC-014.-61Z: Online Course. Access to a computer, the Web, an individual e-mail address and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

Real Estate

CRN Course Title Time Dates/Days Instructor Location

REST 51: Real Estate Practices

CRN 01155 Course Title Time Dates/Days Instructor Location
01155* REST-051.-61Z Real Estate Practices (CLAS) TBA Starts: 07/01/2019 SHERBY, MARK ONLINE Ends: 08/11/2019 TBA

Course Notes (Summer): REST-051.-61Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

Sociology

CRN Course Title Time Dates/Days Instructor Location

SOC 1: Introduction to Sociology

CRN 01155 Course Title Time Dates/Days Instructor Location
01155* SOC-001.-61Z Introduction to Sociology (CLAS) TBA Starts: 07/01/2019 JOHNSON, ELISE MLC110 Ends: 08/11/2019

Course Notes (Summer): SOC 001: Introduction to Sociology: Online Course. Access to a computer, the Web, an individual e-mail address and a high-speed internet connection is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** Real Estate

CRN Course Title Time Dates/Days Instructor Location

REST 51: Real Estate Practices

CRN 01155 Course Title Time Dates/Days Instructor Location
01155* REST-051.-61Z Real Estate Practices (CLAS) TBA Starts: 07/01/2019 SHERBY, MARK ONLINE Ends: 08/11/2019 TBA

Course Notes (Summer): REST-051.-61Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

***** Sociology

CRN Course Title Time Dates/Days Instructor Location

SOC 1: Introduction to Sociology

CRN 01155 Course Title Time Dates/Days Instructor Location
01155* SOC-001.-61Z Introduction to Sociology (CLAS) TBA Starts: 07/01/2019 JOHNSON, ELISE MLC110 Ends: 08/11/2019
Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: The sociological approach to the study of human behavior from a variety of perspectives. Explore important concepts in sociology, including culture, social structure, socialization, social institutions, groups, social interaction, social inequality, collective behavior, and social change in human societies.

10960 SOC -001.-02  Introduction to Sociology (CLAS)  10:00 AM-12:25 PM  Starts: 07/01/2019  NAVA, STEVE  MLC110  Ends: 08/11/2019  MTW

00954 SOC -001.-03  Introduction to Sociology (CLAS)  12:30 PM-02:55 PM  Starts: 07/01/2019  NAVA, STEVE  MLC110  Ends: 08/11/2019  MTW

00957* SOC -001.-61Z  Introduction to Sociology (CLAS)  TBA  Starts: 07/01/2019  TAPIA, MARISTELLA  ONLINE  Ends: 08/11/2019  TBA

Course Notes (Summer): SOC -001.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

00956* SOC -001.-65Z  Introduction to Sociology (CLAS)  TBA  Starts: 07/01/2019  TAPIA, MARISTELLA  ONLINE  Ends: 08/11/2019  TBA

Course Notes (Summer): SOC -001.-65Z Online Course. Students must have access to a computer, the Web and an individual email address. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382

SOC 20: Social Problems
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  General Education Status: GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: Exploration of sociological perspectives on contemporary social problems. Examination of the social processes through which issues come to be viewed as social problems and the dynamics through which groups attempt to respond to and solve these problems.
## Social Science

### CRN Course Title Time Dates/Days Instructor Location

<table>
<thead>
<tr>
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<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>12531*</td>
<td>SOSC 80X: Community Based Learning in Social Sciences - Beginning</td>
<td>TBA</td>
<td>Starts: 07/01/2019</td>
<td>KAUFMAN, CYNTHIA</td>
<td>ONLINE</td>
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<tr>
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<td>SOSC-080X-61Z Social Sciences - Beginning (CLAS)</td>
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<td><strong>Course Notes (Summer):</strong> SOSC-080X-61Z: Online Course. Access to a computer, the Web, and an individual e-mail address is required. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: <a href="https://deanza.instructure.com/courses/3382">https://deanza.instructure.com/courses/3382</a></td>
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</table>

| 12810*| SOSC 83Z: Community Based Learning in Social Sciences - Advanced | TBA   | Starts: 07/01/2019 | KAUFMAN, CYNTHIA | ONLINE     |
|       |        | SOSC-083Z-61Z Social Sciences - Advanced (CLAS) |      | Ends: 08/11/2019 |            |          |
|       |        | **Course Notes (Summer):** SOSC-083Z-61Z: Online Course. Access to a computer, the Web, and an individual e-mail address is required. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student |

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**SOSC 80X: Community Based Learning in Social Sciences - Beginning**

Unit(s): 2  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Requisite/Advisory: None.

**Course Description:** Practical work with a community, business or civic institution and reflection on that activity, at a beginning level.

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**SOSC 83Z: Community Based Learning in Social Sciences - Advanced**

Unit(s): 4  ||  Hours: Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

**Requisites:** Requisite/Advisory: None.

**Course Description:** Advanced level practical work with a community, business, or civic institution and advanced level reflection on that activity.

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***** Theatre Arts

<table>
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<tr>
<td></td>
<td>THEA 1:</td>
<td>Appreciation of Theatre</td>
<td>09:30 AM-11:55</td>
<td>07/01/2019</td>
<td>SCHWARTZ,</td>
<td>G3</td>
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<td></td>
<td></td>
<td>(CLAS)</td>
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***** Women's Studies

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<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<td>WMST 1:</td>
<td>Introduction to Women's</td>
<td>09:30 AM-11:55</td>
<td>07/01/2019</td>
<td>SCHWARTZ,</td>
<td>G3</td>
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<td></td>
<td></td>
<td>Studies</td>
<td>AM</td>
<td>Ends:</td>
<td>NEIL</td>
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<td>08/11/2019</td>
<td>MTW</td>
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Introduction to Women's Studies

TBA

Starts: 07/01/2019

Ends: 08/11/2019

TBA

WMS 8: Women of Color in the USA

Unit(s): 4

Hours: Four hours lecture (48 hours total per quarter).

General Education Status: GE

Program Status: Program Applicable

Credit Status: Credit - Degree applicable

Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An interdisciplinary, multi perspective and comparative study of the experiences of women of color in the United States. The constructs of race, ethnicity, class, gender and sexuality as they relate to social institutions and national ideologies will be explored. Examination and analysis of the historical, political, and economic influences that have informed the relationships between women of color and white women in the U.S.A, is foundational to this course.

Course Notes (Summer): WMST-001.-1SZ: Online Course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382. This class involves 12 hours of active, hands-on, work making a difference in our communities. This course does not involve more time than a regular class.

WMST 22: Asian American Pacific Islander Women

Unit(s): 4

Hours: Four hours lecture (48 hours total per quarter).

General Education Status: GE

Program Status: Program Applicable

Credit Status: Credit - Degree Applicable

Grading Method: Letter Grade

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An introduction to the study of Asian American Pacific Islander (AAPI) women in American society in historical and sociological perspective. Emphasis is placed on AAPI feminist scholarship; cultural representations; cultural productions; immigration, refugee, and diasporic experiences; resistance to racism, sexism, classism, and patriarchy; and labor and work issues. This course is designed for all students interested in Women and Gender Studies, as well as those interested in Asian American Studies.

Course Notes (Summer): WMST-008.-1SZ: Online Course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382. This class involves 12 hours of active, hands-on, work making a difference in our communities. This course does not involve more time than a regular class.
WMST 25: Introduction to Black Feminism

Course Notes (Summer): WMST-022.-1SZ: Online Course. Students must have access to a computer, the Web and an individual email address. Exclusively using a tablet or phone may prevent you from successfully completing a course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382. This class involves 12 hours of active, hands-on, work making a difference in our communities. This course does not involve more time than a regular class.

WMST 25: Introduction to Black Feminism

Requisites: (See general education pages for the requirement this course meets.) Advisory: EWRT 1A or EWRT 1AH or ESL 5.

Course Description: An interdisciplinary, multi-perspective, critical analysis and comparative study of Black Feminism. Examines some of the key theories and ideas of Black Feminism and Black Feminist Thought, including womanist theory, theory of intersectionality, and standpoint theory. It will consider how Black women have challenged the intersecting effects of racism, sexism, classism, colonialism, homophobia, media exploitation, and other forms of social violence. Students will read major works, learn to engage in critical dialogue, and articulate their own positions concerning the basic ideas and principles of Black Feminism. The values, experience, and cultural contributions of Black feminist and/or Black womanist individuals in the United States will be identified, examined, and authenticated.
At De Anza College, we are committed to improving and sustaining our environment. That’s why we

- Created and adopted a Sustainability Management Plan, the first of its kind in a community college
- Built LEED-certified green buildings, including the Kirsch Center for Environmental Studies, the Visual & Performing Arts Center, the Student & Community Services Building, the Science Center and the Mediated Learning Center (under construction)
- Promote public transit with the new VTA bus stop located on campus
- Provide recycling bins campuswide for paper, plastic and glass
- Buy produce from local organic farmers, and collect fruit and vegetable trimmings for our on-campus composting site; Dining Services provides biodegradable paper products and utensils
- Installed a photovoltaic, solar parking shade system on the Stelling Parking Structure that helps offset our electricity consumption
- Made renovations to the Campus Center, Fujitsu Planetarium and Administration buildings with recycled and recyclable materials and low-volatile organic compound (VOC) paints, carpets and tiles
- Use paper supplies containing 100% post-consumer recycled content; Custodial Services uses toxic-free cleaning agents
- Landscape the grounds with native and drought-tolerant plants; no pesticides are used

Get the most current class schedule information! Visit our online searchable schedule, updated constantly with available classes.

See www.deanza.edu/schedule for Just What You Need

To serve you better with up-to-the-minute class info, support the college’s commitment to sustainability, and respond to budget cuts, we no longer print the schedule.