***** Accounting

**ACCT 1A: Financial Accounting 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 212 or equivalent. 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 interpreting external financial statements.

<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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<td>ACCT-001A-01 Financial Accounting I (CLAS)</td>
<td>07:30 AM-09:45 AM MTWTh</td>
<td>HURST, STEPHEN</td>
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<td>10:00 AM-12:15 PM MTWTh</td>
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<td>12:30 PM-02:45 PM MTWTh</td>
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<td>06:00 PM-08:15 PM MTWTh</td>
<td>PIRrone, David</td>
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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: Prerequisite: Accounting 1A. 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 interpreting external financial statements.

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<td>10304</td>
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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: Prerequisite: Accounting 1B. Course Description: Study the role of management accounting information in organizations for operational control, product and customer costing and performance measurement.

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<tr>
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<td>Botsford, Lydia</td>
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<td>06:00 PM-08:15 PM MTWTh</td>
<td>Park, SE</td>
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ACCT 64: Payroll and Business Tax Accounting
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: Prerequisite: Accounting 1A. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 212 or equivalent. Course Description: Fundamentals of payroll accounting using manual and computerized accounting systems. Theoretical and practical aspects of payroll accounting and reporting. Course includes federal and California payroll tax rules and forms.

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<tr>
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<td>00016</td>
<td>ACCT-064-62 Payroll and Business Tax Accounting (CLAS)</td>
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<td>MASTERS, LILIAN</td>
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ACCT 87A1: Computerized Accounting Programs I (Quickbooks)
Unit(s): 2 || Hours: Four hours lecture-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: Prerequisite: Accounting 1A. 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.
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: Accounting 1A. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 212 or equivalent; Basic knowledge of Excel is highly recommended.


Excel Spreadsheets for Accounting (CLAS) 06:00 PM-07:50 PM MW HAMMOND, LAURIENNE ADM102

***** Administration of Justice

ADMJ 1: Introduction to Administration of Justice

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as Political Science 10. 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: The history and philosophy of the administration of justice in America. A study of the overall system from its European antecedents and development within the United States; identification of various subsystems and components; their role expectations and interrelationships; basic premise of crime, punishment and rehabilitation; the role of education in the administration of justice within a democracy.

Introduction to Administration of Justice (CLAS) 10:00 AM-12:25 PM MTW GOMES, RODNEY L21

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 Paralegal 75 and Political Science 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Procedures followed by law enforcement and courts in criminal cases; constitutional principles governing those procedures.

Principles and Procedures of the Justice System (CLAS) 06:00 PM-09:50 PM TTh BONINI, GRIFFIN L21

ADMJ 95: Overview of American Law

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as Paralegal 95 and Political Science 95. 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Overview of the major substantive areas of American law: Agency, contracts, constitutional law, corporations, criminal law, family law, property, torts, wills and estates.

Overview of American Law (CLAS) 10:00 AM-12:25 PM MTW ELLIS, TERRY L22

***** Anthropology

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.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Biological structure and evolution of primates with particular emphasis on Homo sapiens as a culture-bearing animal. Relationships between human and non-human primates; genetic, physical, and cultural variations in living human groups; social organization and gender roles in primate and human societies; and considerations of future human evolution.

Physical Anthropology (CLAS) 07:30 AM-09:55 AM TTh HUI, JULIE MLC102

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: Anthropology 1 (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.

Physical Anthropology Laboratory (CLAS) 12:30 PM-02:50 PM MW CASARETO, ANA MLC101

Course Notes (Summer): ANTH-001-61Z: Online Course. Access to a computer, the Web, and an individual e-mail address is required. Information on orientation available at http://www.deanza.edu/distance/
Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: The anthropological approach to the study of human behavior from a cross-cultural, comparative perspective. An exploration into the languages, subsistence, economics, sociopolitical systems, religions, and world views of diverse world cultures. An assessment of the dynamics of culture change and the future prospects for humanity.

10985 ANTH-002-.01 Cultural Anthropology (CLAS) 07:30 AM-09:55 AM TWTh SOLOMON, DANIEL L24
00034 ANTH-002-.02 Cultural Anthropology (CLAS) 10:00 AM-12:25 PM TWTh ISHAYA, ARIANNE L24
10222 ANTH-002-.03 Cultural Anthropology (CLAS) 12:30 PM-02:55 PM TWTh ROQUE, ANGEL L24
00035 ANTH-002-.04 Cultural Anthropology (CLAS) 03:00 PM-05:25 PM TWTh OLSEN, NANCY L24
00036 ANTH-002-.61Z Cultural Anthropology (TBA) TBA TBA BERRY, LESLIE ONLINE

Course Notes (Summer): ANTH-002-.61Z: Online Course with required on-campus exams. Access to a computer, the Web, and an individual email address is required. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

***** Arts

<table>
<thead>
<tr>
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<th>Time</th>
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<th>Instructor</th>
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<td>12:30 PM-04:20 PM MW</td>
<td>ROEHL, PAUL</td>
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***** Arts

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<td></td>
<td>ARTS 2A: History of Art (Europe from Prehistory through Early Christianity)</td>
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***** Arts

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***** Arts

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<td>ARTS 2F: History of Art (Multicultural Arts in the United States)</td>
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<td>12:30 PM-02:55 PM TWTh</td>
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***** Arts

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<tr>
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<td>ARTS 2G: History of Art (Arts of Asia)</td>
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***** Arts

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<tbody>
<tr>
<td></td>
<td>ARTS 4A: Beginning Drawing</td>
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<tr>
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<td>07:30 AM-09:55 AM TWTh</td>
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***** Arts

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</table>
ARTS 4C: Life Drawing
Unit(s): 3 || Hours: Six hours lecture-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: Prerequisite: Arts 4A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Arts 4B, 4D and 8.
Course Description: A beginning drawing course focusing on the representation and interpretation of the human figure; with attention to drawing from life.

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<td>06:00 PM-09:50 PM</td>
<td>TWTh</td>
<td>ALLIE, BARBARA</td>
<td>A94</td>
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</table>

ARTS 8: Two-Dimensional Design
Unit(s): 3 || Hours: Six hours lecture-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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: A foundation course in the use of fundamental design elements and principles for two-dimensional art.

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<th>Time</th>
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<td>00054</td>
<td>ARTS-008-.01</td>
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<td>TWTh</td>
<td>CHANDRAS, PRAKASH</td>
<td>A93</td>
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</table>

ARTS 10A: Three-Dimensional Design
Unit(s): 3 || Hours: Six hours lecture-laboratory (72 hours total per quarter). || Materials Fee: $20.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 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.

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<td>01049</td>
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<td>08:30 AM-12:20 PM</td>
<td>TWTh</td>
<td>OHTAKE, MOTOSUKE</td>
<td>A71</td>
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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. For additional information please visit http://www.deanza.edu/creativearts/furniture

ARTS 10B: Intermediate Three-Dimensional Design
Unit(s): 3 || Hours: Six hours lecture-laboratory (72 hours total per quarter). || Materials Fee: $20.00 || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: Prerequisite: Arts 10A. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 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.

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<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
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<td>08:30 AM-12:20 PM</td>
<td>TWTh</td>
<td>OHTAKE, MOTOSUKE</td>
<td>A71</td>
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</table>

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. For additional information please visit http://www.deanza.edu/creativearts/furniture

ARTS 12: Design and Color
Unit(s): 3 || Hours: Six hours lecture-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 4A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: A fundamental course exploring theory and color in the visual arts.

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<th>Course Title</th>
<th>Time</th>
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<td>11209</td>
<td>ARTS-012-.01</td>
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<td>MTW</td>
<td>COON, CHERYL</td>
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</table>

ARTS 18A: Ceramics
Unit(s): 3 || Hours: Six hours lecture-laboratory (72 hours total per quarter). || Materials Fee: $20.00 || 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: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.
Course Description: Survey of ceramic construction techniques. Use of surface decoration, glazes and ceramic kiln firing.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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<tr>
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<td>FELD, JULIA</td>
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ARTS 19K: Ceramics Decoration
Unit(s): 3 || Hours: Six hours lecture-laboratory (72 hours total per quarter). || Materials Fee: $20.00 || Repeatability: (This course is included in the Ceramic Surface 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 18B.
Course Description: Surface treatments and refinement used in the production of stoneware, earthenware and porcelain.

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<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Dates/Days</th>
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****** Astronomy

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<tbody>
<tr>
<td>ASTR 4: Solar System Astronomy</td>
<td>05:00 PM-07:50 PM</td>
<td>MTW</td>
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***** Automotive Technology

Important Department Information: For apprenticeships in Automotive Technology call 408-864-8772.

<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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<td>11367</td>
<td>AUTO-050A-01 Introduction to Automotive Principles</td>
<td>09:00 AM-12:40 PM</td>
<td>MW</td>
<td>BRANDT, MICHAEL</td>
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<tr>
<td>00071</td>
<td>AUTO-050A-61 Introduction to Automotive Principles</td>
<td>06:00 PM-09:50 PM</td>
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<td>WISHART, WILLIAM</td>
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<td>AUTO-050B-01 Applied Automotive Principles</td>
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<td>WISHART, WILLIAM</td>
<td>E12A</td>
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<tr>
<td>00073</td>
<td>AUTO-050B-61 Applied Automotive Principles</td>
<td>06:00 PM-09:50 PM</td>
<td>TTh</td>
<td>O'BRIEN, FORREST</td>
<td>E12A</td>
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<td></td>
<td>AUTO 50A: Introduction to Automotive Principles</td>
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<td>Unit(s): 4</td>
<td></td>
<td>Hours: Four hours lecture (48 hours total per quarter).</td>
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<td>AUTO 50B: Applied Automotive Principles</td>
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<td></td>
<td>Unit(s): 2</td>
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<td>Hours: Four hours lecture-laboratory (48 hours total per quarter).</td>
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<td>General Education Status: Non-GE</td>
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<tr>
<td></td>
<td>AUTO 60K: Automotive Body Electrical Systems</td>
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<td></td>
<td>Unit(s): 4</td>
<td></td>
<td>Hours: Four and one-half hours lecture (54 hours total per quarter).</td>
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<td>General Education Status: Non-GE</td>
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<td></td>
<td>AUTO 60L: Hybrid Electric Vehicles</td>
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<td></td>
<td>Hours: Four and one-half hours lecture (54 hours total per quarter).</td>
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<td>AUTO 66: Automotive Air Conditioning</td>
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<td>Hours: Four and one-half hours lecture (54 hours total per quarter).</td>
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</table>

***** Biology

<table>
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<tr>
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<th>Time</th>
<th>Dates/ Days</th>
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<th>Location</th>
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<tbody>
<tr>
<td></td>
<td>BIOL 6C: Ecology and Evolution</td>
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<tr>
<td></td>
<td>Unit(s): 6</td>
<td></td>
<td>Hours: Four hours lecture, six hours laboratory (120 hours total per quarter).</td>
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<td>General Education Status: GE</td>
</tr>
<tr>
<td></td>
<td>(See general education pages for the requirement this course meets.) Prerequisite: Biology 6A and 6B, with a grade of C or better. Advisory: English Writing 1A</td>
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</table>
or English as a Second Language 5; Mathematics 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.

00079 BIOL-000C-01: Ecology and Evolution (CLAS) 09:30 AM-11:20 AM MWFTH HEYER, BRUCE SC2108
00079 BIOL-000C-01: Ecology and Evolution (LAB) 11:30 AM-02:20 PM MWFTH HEYER, BRUCE SC2108

Course Notes (Summer): BIOL-000C-01: Students without prerequisites will not be allowed to enroll. See Department: Biology for prerequisite information.

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 Biology 6A, 6B, 6C or equivalent.) (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 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.

00082 BIOL-010-01 Introduction to Biology (CLAS) 12:30 PM-02:20 PM MWFTH NAKASE, DANA SC1102
00082 BIOL-010-01 Introduction to Biology (LAB) 11:00 AM-12:15 PM MWFTH NAKASE, DANA SC1102
00083 BIOL-010-02 Introduction to Biology (CLAS) 12:30 PM-02:20 PM MWFTH NAKASE, DANA SC1102
00083 BIOL-010-02 Introduction to Biology (LAB) 02:30 PM-03:45 PM MWFTH NAKASE, DANA SC1102
10216 BIOL-010-03 Introduction to Biology (CLAS) 02:30 PM-04:20 PM MWFTH BRAM, JASON SC1102
10216 BIOL-010-03 Introduction to Biology (LAB) 12:45 PM-02:00 PM MWFTH BRAM, JASON SC1102
10603 BIOL-010-04 Introduction to Biology (CLAS) 02:30 PM-04:20 PM MWFTH BRAM, JASON SC1102
10603 BIOL-010-04 Introduction to Biology (LAB) 12:30 PM-02:20 PM MWFTH BRAM, JASON SC1102
10512 * BIOL-010-65Z Introductory Biology 02:30 PM-04:20 PM MWFTH BRAM, JASON SC1102

Course Notes (Summer): BIOL-010-65Z: 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. For more information go to http://deanza.edu/distance/

0512 * BIOL-010-65Z Introductory Biology (CLAS) TBA TBA PANE, ERIC ONLINE S11
0512 * BIOL-010-65Z Introductory Biology (LAB) 09:30 AM-10:45 AM MWFTH PANE, ERIC ONLINE S11

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. For more information go to http://deanza.edu/distance/

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 Biology 6A, 6B, 6C or equivalent.) (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: A general introduction to biology and its principles, emphasizing the biology of humans. The course will cover the unifying principles of biology, with emphasis on the basic anatomy and physiology of the human body, as well as on contemporary health issues and their impacts on cultural, ethnic and gender groups.

11002 BIOL-011-01 Human Biology (CLAS) 02:30 PM-04:20 PM MWFTH SUNDARAM, VIDYODHAYA SC1102
11002 BIOL-011-01 Human Biology (LAB) 01:00 PM-03:15 PM MWFTH SUNDARAM, VIDYODHAYA SC1102
11003 BIOL-011-02 Human Biology (CLAS) 02:30 PM-04:20 PM MWFTH SUNDARAM, VIDYODHAYA SC1102
11003 BIOL-011-02 Human Biology (LAB) 04:30 PM-06:45 PM MWFTH SUNDARAM, VIDYODHAYA SC1102
00084 BIOL-011-03 Human Biology (CLAS) 12:30 PM-02:20 PM MWFTH JOHNSON, ROBERT S12
11004 BIOL-011-03 Human Biology (LAB) 11:00 AM-12:15 PM MWFTH JOHNSON, ROBERT S12
11368 BIOL-011-04 Human Biology (CLAS) 12:30 PM-02:20 PM MWFTH JOHNSON, ROBERT S12
11368 BIOL-011-04 Human Biology (LAB) 02:30 PM-04:35 PM MWFTH JOHNSON, ROBERT S12

General Education Status: GE  Program Status: Program Applicable  Program Notes: Program Applicable

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 Biology 40A Placement Test or Chemistry 1A or Chemistry 50 or Chemistry 30A with a grade of C or better. Advisory: English Writing 1A or English as a Second Language 5.

Course Description: An introduction to the disciplines of anatomy and physiology. Basic principles of human anatomy and physiology as exemplified in the study of cell biology, histology and the integumentary, skeletal and muscular systems with emphasis on homeostatic mechanisms.

10828 BIOL-040A-01 Human Anatomy and Physiology (CLAS) 10:30 AM-12:20 PM MWFTH SENGUPTA, LAKSHMIKANTA S12
10828 BIOL-040A-01 Human Anatomy and Physiology (LAB) 09:00 AM-10:15 AM MWFTH SENGUPTA, LAKSHMIKANTA SC2106

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

10829 BIOL-040A-02 Human Anatomy and Physiology (CLAS) 10:30 AM-12:20 PM MWFTH SENGUPTA, LAKSHMIKANTA S12
10829 BIOL-040A-02 Human Anatomy and Physiology (LAB) 11:30 AM-01:45 PM MWFTH SENGUPTA, LAKSHMIKANTA SC2106

Course Notes (Summer): BIOL-040A-02: 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: Biology 40A with a grade of C or better.

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

11369 BIOL-040B-01 Human Anatomy and Physiology (CLAS) 12:30 PM-02:20 PM MWFTH ANGELES, MIGUEL S12
11369 BIOL-040B-01 Human Anatomy and Physiology (LAB) 11:00 AM-12:15 PM MWFTH ANGELES, MIGUEL SC2106

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

11370 BIOL-040B-02 Human Anatomy and Physiology (CLAS) 12:30 PM-02:20 PM MWFTH ANGELES, MIGUEL S12
11370 BIOL-040B-02 Human Anatomy and Physiology (LAB) 02:30 PM-04:35 PM MWFTH ANGELES, MIGUEL SC2106
### 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: (Biology 40A, 40B and 40C) or (Biology 6A, 6B and 6C), or equivalent, all with a grade of C or better. Advisory: English Writing 1A or English as a Second Language 5.

**Course Description:** An overview of the forces within the business environment (i.e., globalization, economics, government, technology and society), and an introduction to the key functional areas within the firm, such as marketing, operations, accounting, finance, management and human resources.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>00095</td>
<td>BUS -010.-01 Introduction to Business (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>NIEDERMIER, GARY</td>
<td>FOR3</td>
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<td>00096</td>
<td>BUS -010.-02 Introduction to Business (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>HERNANDEZ, GUILLERMO</td>
<td>ADM102</td>
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<td>00097</td>
<td>BUS -010.-03 Introduction to Business (CLAS)</td>
<td>12:30 PM-02:45 PM</td>
<td>BRIEN, RICHARD</td>
<td>ADM102</td>
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<tr>
<td>10610</td>
<td>BUS -010.-61Z Introduction to Business (CLAS)</td>
<td>ONLINE</td>
<td>LILLY, BYRON</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** BIOL-045.61Z: Online course with four required on campus exams. Access to email and the Internet required. Information on orientation available at http://deanza.edu/distance Students without prerequisites will not be allowed to enroll. See Department: Biology above for prerequisite information.

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### Business

#### BUS 10: Introduction to Business

**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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the study of the interactions and inter-dependencies 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.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Location</th>
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<tr>
<td>00099</td>
<td>BUS -018.-01 Business Law I (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>GOULARTE, RONALD</td>
<td>MCC-17</td>
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<td>00100</td>
<td>BUS -018.-61Z Business Law I (CLAS)</td>
<td>TBA</td>
<td>GOUGH, WALTER</td>
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**Course Notes (Summer):** BUS -018.-61Z: Video delivered, online course with on campus final exam. Available on local cable TV, DVD or streamed to the desktop (high-speed Internet connection required.) Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://deanza.edu/distance/

#### BUS 18: 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: English Writing 1A or English as a Second Language 5; Business 10.

**Course Description:** The American legal system and laws applicable to business emphasizing contract, sales and agency laws, the impact of the legal system on business, and ethical considerations in the business environment.

<table>
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<th>Time</th>
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<th>Location</th>
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<tr>
<td>11324</td>
<td>BUS -021.-61Z Business and Society TBA</td>
<td>TBA</td>
<td>LILLY, BYRON</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** BUS -021.-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/distance/

#### 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: English Writing 1A or English as a Second Language 5.

**Course Description:** An introduction to the study of the interactions and inter-dependencies 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.

<table>
<thead>
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<tr>
<td>11325</td>
<td>BUS -054.-61Z Business Mathematics (TBA)</td>
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<td>SALAH, DANNY</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://www.deanza.edu/distance/

#### 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 210 or equivalent.

**Course Description:** Basic mathematical operations and concepts as related to business and personal finance.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
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<th>Location</th>
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</thead>
<tbody>
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<td>10611</td>
<td>BUS -055.-61Z Introduction to Entrepreneurship (TBA)</td>
<td>TBA</td>
<td>CAPPEDDO, EMANUELE</td>
<td>ONLINE</td>
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</table>

**Course Notes (Summer):** BUS -055.-61Z: Online course. Information on orientation available at http://deanza.edu/distance/

#### 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:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>00095</td>
<td>Business Law I (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>GOULARTE, RONALD</td>
<td>MCC-17</td>
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<tr>
<td>00096</td>
<td>Business Law I (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>HERNANDEZ, GUILLERMO</td>
<td>ADM102</td>
</tr>
<tr>
<td>00097</td>
<td>Business Law I (CLAS)</td>
<td>12:30 PM-02:45 PM</td>
<td>BRIEN, RICHARD</td>
<td>ADM102</td>
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<tr>
<td>10610</td>
<td>BUS -010.-61Z Introduction to Business (CLAS)</td>
<td>ONLINE</td>
<td>LILLY, BYRON</td>
<td>ONLINE</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 on REQUIRED orientation available at http://deanza.edu/distance/

#### BUS 60: 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:** (Formerly Business 20.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Basic mathematical operations and concepts as related to business and personal finance.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11324</td>
<td>Business and Society (TBA)</td>
<td>TBA</td>
<td>LILLY, BYRON</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** BUS -021.-61Z: Online course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

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**GUILLERMO**
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.)

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Notes: Required on-campus final exam. Access to a computer, the Web and an individual e-mail address is required. Information on REQUIRED orientation available at http://www.deanza.edu/distance/.

BUS 67: Introduction to Personal Finance
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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273. Course Description: Introduction to a range of personal financial planning fundamentals including spending habits, taxes, saving, investing, and insurance. Planning for major life events such as paying for college, buying a home, and retiring comfortably.

Course Notes (Summer): Students must have access to a computer, the Internet and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/.

BUS 70: 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273. Course Description: Fundamentals of marketing: product planning and development; pricing strategies; and marketing channels.

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

Course Notes: Required on-campus final exam. Access to a computer, the Web and an individual e-mail address is required. Information on REQUIRED orientation available at http://www.deanza.edu/distance/.

***** Child Development

<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>C D 10G: Child Development (The Early Years)</td>
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<tr>
<td>00122</td>
<td>C D-010G-01</td>
<td>Child Development (The Early Years) (CLAS)</td>
<td>07:30 AM-09:55 AM</td>
<td>TWTh</td>
<td>ZARGHAMI, FATEMEH</td>
<td>G10</td>
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<tr>
<td>11248</td>
<td>C D-010G-02</td>
<td>Child Development (The Early Years) (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TWTh</td>
<td>LANGFELDER, DIANE</td>
<td>CD1-10</td>
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<tr>
<td>11250</td>
<td>C D-010G-01</td>
<td>Child Development (The Early Years) (CLAS)</td>
<td>06:00 PM-09:50 PM</td>
<td>TTh</td>
<td>MCKEITHAN, SANDRA</td>
<td>G10</td>
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</table>

| C D 10H: Child Growth and Development (Middle Childhood and Adolescence) |
| 00122 | C D-010H-01  | Child Development (The Early Years) (CLAS) | 07:30 AM-09:55 AM | TWTh       | ZARGHAMI, FATEMEH | G10      |
| 11248 | C D-010H-02  | Child Development (The Early Years) (CLAS) | 12:30 PM-02:55 PM | TWTh       | LANGFELDER, DIANE | CD1-10   |
| 11250 | C D-010H-01  | Child Development (The Early Years) (CLAS) | 06:00 PM-09:50 PM | TTh        | MCKEITHAN, SANDRA  | G10      |

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
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<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>C D 10H: Child Growth and Development (Middle Childhood and Adolescence)</td>
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<td>00122</td>
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<td>07:30 AM-09:55 AM</td>
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<td>ZARGHAMI, FATEMEH</td>
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<tr>
<td>11248</td>
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<td>TWTh</td>
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<td>CD1-10</td>
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<tr>
<td>11250</td>
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<td>G10</td>
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<tr>
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<td>C D-010H-01</td>
<td>Child Development (The Early Years) (CLAS)</td>
<td>06:00 PM-09:50 PM</td>
<td>TTh</td>
<td>MCKEITHAN, SANDRA</td>
<td>G10</td>
</tr>
</tbody>
</table>
Course Description: Second Language 272 and 273. 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 Standards 4 and 5; and DEC Standard 5 Family Based Practices.)

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the study of the developing person in a societal context including the interrelationship of family, schools and community. Emphasis on historical and socio-cultural factors. The processes of socialization and identity development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. (Applicable standards to this course: NAEYC Standards; Standard 2 Building Family and Community Relationship and Standard 5: Becoming a Professional; NBPTS Early Childhood Generalist Standard 2 Equity, Fairness and Diversity, Standard 7 Family, Community Partnerships and Standard 9 Reflective Practice; CEC/DEC Standard 9 Professional and Ethical Practice and Standard 10 Collaboration.)

Degree applicable

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Hours</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>C D 12</td>
<td>Child, Family and Community Interrelationships</td>
<td>3</td>
<td>Three hours lecture (36 hours total per quarter).</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>MALEKSALEHI, JILA</td>
</tr>
<tr>
<td>C D 53</td>
<td>Creative Art for the Young Child</td>
<td>3</td>
<td>Three hours lecture (36 hours total per quarter).</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>LANGFELDER, DIANE</td>
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<tr>
<td>C D 54</td>
<td>Curriculum for Early Childhood Programs</td>
<td>3</td>
<td>Three hours lecture (36 hours total per quarter).</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>DE MOTTI, PHYLLIS</td>
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<tr>
<td>C D 55</td>
<td>Literacy Development and Activities for the Young Child</td>
<td>3</td>
<td>Three hours lecture (36 hours total per quarter).</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>BUCHANAN, ANGELA</td>
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<tr>
<td>C D 58</td>
<td>Infant/Toddler Development</td>
<td>3</td>
<td>Four hours lecture (48 hours total per quarter).</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>DRISCOLL, BARBARA</td>
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<tr>
<td>C D 61</td>
<td>Music and Movement (Developmental Foundations)</td>
<td>3</td>
<td>Three hours lecture (36 hours total per quarter).</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>DRISCOLL, BARBARA</td>
</tr>
<tr>
<td>C D 64</td>
<td>Health, Safety, and Nutrition for the Young Child</td>
<td>3</td>
<td>Four hours lecture (48 hours total per quarter).</td>
<td>MW</td>
<td>06:00 PM-09:50 PM</td>
<td>DRISCOLL, BARBARA</td>
</tr>
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</table>
Course Description:
Laws and an introduction to thermochemistry. Problem solving involving both formula and reaction stoichiometry employing the unit analysis method. Application of Kinetic Molecular Theory to the study of classical gas. Numerical problem solving. Development of molecular structure from rudimentary quantum mechanics, including an introduction to ionic and covalent bonding. Chemical Requisites:
Credit Status: Credit - Degree applicable
Placement Test; Mathematics 114 or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

CHEM 1C: General Chemistry and Qualitative Analysis

CHEM 1A: General Chemistry

CHEM 1B: General Chemistry

CHEM 1C: General Chemistry and Qualitative Analysis

CHEM 1A: General Chemistry

CHEM 1B: General Chemistry

*** CAD and Digital Imaging

** CDI 60: SolidWorks (Beginning)**
Unit(s): 4  ||  Hours: Two hours lecture, six hours laboratory (96 hours total per quarter). ||  Formerly: (Formerly CAD and Digital Imaging 60G.) ||  General Education Status: Non-GE ||  Program Status: Program Applicable ||  Credit Status: Credit - Degree Applicable ||  Grading Method: Letter Grade
Requisites: Requisite/Advisory: None.
Course Description: Fundamentals of computer-aided design and drafting using SolidWorks software. Application of SolidWorks in creating manufacturing models.

<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>11321</td>
<td>CDI-001-01 SolidWorks (Beginning) (CLAS)</td>
<td>05:00 PM-05:50 PM</td>
<td>M TW Th</td>
<td>KLINING, PAUL</td>
<td>SC3103</td>
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<tr>
<td>11321</td>
<td>CDI-001-01 SolidWorks (Beginning) (LAB)</td>
<td>06:00 PM-08:00 PM</td>
<td>M TW Th</td>
<td>KLINING, PAUL</td>
<td>SC3103</td>
</tr>
<tr>
<td>11322</td>
<td>CDI-001-01 SolidWorks (Beginning) (CLAS)</td>
<td>TBA</td>
<td>TBA</td>
<td>KLINING, PAUL</td>
<td>ONLINE</td>
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<td>11322</td>
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<td>TBA</td>
<td>TBA</td>
<td>KLINING, PAUL</td>
<td>ONLINE</td>
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</table>

Course Notes (Summer): CDI-001-12: Online Course. Students must have access to a Windows 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 the CDI-102Z-01 CAD Lab class for access to the College CAD Lab. Information on REQUIRED online orientation available at http://www.deanza.edu/distance/

** CDI 102Z: CAD Technology Laboratory SolidWorks (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: Not Program Applicable (Stand Alone) ||  Credit Status: Credit - Degree applicable ||  Grading Method: Pass/Fail
Requisites: Requisite/Advisory: None.
Course Description: Self-paced 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.

<table>
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<tr>
<th>CRN</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>10934</td>
<td>CDI-102Z-01 CAD Technology Laboratory SolidWorks (Beginning) (LAB)</td>
<td>02:00 PM-03:00 PM</td>
<td>M TW Th</td>
<td>KLINING, PAUL</td>
<td>SC3103</td>
</tr>
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</table>

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

** CHEM 1A: 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: Chemistry 50 or Chemistry 30A or satisfactory score on Chemistry Placement Test; Mathematics 114 or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
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. Application of Kinetic Molecular Theory to the study of classical gas laws and an introduction to thermochemistry.

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<tr>
<th>CRN</th>
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<th>Dates/Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>00209</td>
<td>CHEM-001A-01 General Chemistry (CLAS)</td>
<td>10:30 AM-11:45 AM</td>
<td>M TW Th</td>
<td>MUZZI, CINZIA</td>
<td>SC2202</td>
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<tr>
<td>00209</td>
<td>CHEM-001A-01 General Chemistry (LAB)</td>
<td>07:30 AM-10:00 AM</td>
<td>M TW Th</td>
<td>MUZZI, CINZIA</td>
<td>SC2202</td>
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Course Notes (Summer): CHEM-001A-01: Student must bring a combination padlock to the first laboratory meeting.

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<tr>
<td>00210</td>
<td>CHEM-001A-02 General Chemistry (CLAS)</td>
<td>03:00 PM-04:15 PM</td>
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<td>MLC112</td>
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<td>CHEM-001A-02 General Chemistry (LAB)</td>
<td>12:00 PM-03:00 PM</td>
<td>M TW Th</td>
<td>KOUDERCHAH, NADA</td>
<td>SC2202</td>
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Course Notes (Summer): CHEM-001A-02: Student must bring a combination padlock to the first laboratory meeting.

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<th>Time</th>
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<tr>
<td>00211</td>
<td>CHEM-001A-61 General Chemistry (CLAS)</td>
<td>06:00 PM-07:15 PM</td>
<td>M TW Th</td>
<td>LIU, YUE</td>
<td>SC2202</td>
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<tr>
<td>00211</td>
<td>CHEM-001A-61 General Chemistry (LAB)</td>
<td>03:00 PM-05:00 PM</td>
<td>M TW Th</td>
<td>LIU, YUE</td>
<td>SC2202</td>
</tr>
</tbody>
</table>

Course Notes (Summer): CHEM-001A-61: Student must bring a combination padlock to the first laboratory meeting.

** 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: Chemistry 1A with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Course Description: Continuation of an introduction to the principles of chemistry. Investigation of reversible reactions from the standpoints of kinetics, thermodynamics, and equilibrium. Application of equilibrium to the reactions of acids and bases.

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<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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<tbody>
<tr>
<td>11365</td>
<td>CHEM-001B-01 General Chemistry (CLAS)</td>
<td>10:30 AM-11:45 AM</td>
<td>M TW Th</td>
<td>GRAY, DAVID</td>
<td>SC2204</td>
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<tr>
<td>11365</td>
<td>CHEM-001B-01 General Chemistry (LAB)</td>
<td>07:30 AM-10:20 AM</td>
<td>M TW Th</td>
<td>GRAY, DAVID</td>
<td>SC2204</td>
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Course Notes (Summer): CHEM-001B-01: Student must bring a combination padlock to the first laboratory meeting.

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<tr>
<td>10849</td>
<td>CHEM-001B-02 General Chemistry (CLAS)</td>
<td>03:00 PM-04:15 PM</td>
<td>M TW Th</td>
<td>CIHONSKI, JOHN</td>
<td>S35</td>
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<td>10849</td>
<td>CHEM-001B-02 General Chemistry (LAB)</td>
<td>12:00 PM-02:50 PM</td>
<td>M TW Th</td>
<td>CIHONSKI, JOHN</td>
<td>SC2204</td>
</tr>
<tr>
<td>00213</td>
<td>CHEM-001B-61 General Chemistry (CLAS)</td>
<td>06:00 PM-07:15 PM</td>
<td>M TW Th</td>
<td>CANTIN, LUCAS</td>
<td>SC2204</td>
</tr>
<tr>
<td>00213</td>
<td>CHEM-001B-61 General Chemistry (LAB)</td>
<td>03:00 PM-05:00 PM</td>
<td>M TW Th</td>
<td>CANTIN, LUCAS</td>
<td>SC2204</td>
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</table>

Course Notes (Summer): CHEM-001B-61: Student must bring a combination padlock to the first laboratory meeting.

** 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: Chemistry 1B with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

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</table>


Course Description: Introduction to electrochemistry, the chemistry of transition metals, and the chemistry of organic compounds. Identification of ions using qualitative analysis methods.

00214 CHEM-001C-01 General Chemistry and Qualitative Analysis (CLAS) 10:30 AM-11:45 AM MTWTh WESOLOSKI, LISA SC2208
00214 CHEM-001C-01 General Chemistry and Qualitative Analysis (LAB) 07:30 AM-10:20 AM MTWTh WESOLOSKI, LISA SC2208

Course Notes (Summer): CHEM-001C-01: Student must bring a combination padlock to the first laboratory meeting.

10957 CHEM-001C-02 General Chemistry and Qualitative Analysis (CLAS) 03:00 PM-04:15 PM MTWTh SHAPOVALOV, VLADIMIR MLC111
10957 CHEM-001C-02 General Chemistry and Qualitative Analysis (LAB) 12:00 PM-02:50 PM MTWTh SHAPOVALOV, VLADIMIR SC2208

Course Notes (Summer): CHEM-001C-02: Student must bring a combination padlock to the first laboratory meeting.

00215 CHEM-001C-61 General Chemistry and Qualitative Analysis (CLAS) 06:00 PM-07:15 PM MTWTh LO, BILLIE SC2208
00215 CHEM-001C-61 General Chemistry and Qualitative Analysis (LAB) 03:00 PM-05:50 PM MTWTh LO, BILLIE SC2208

Course Notes (Summer): CHEM-001C-61: Student must bring a combination padlock to the first laboratory meeting.

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: Chemistry 12B with a grade of C or better. Advisory: English Writing 1A or English as a Second Language 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.

00218 CHEM-012C-01 Organic Chemistry (CLAS) 10:30 AM-11:45 AM MTWTh TONG, HOMER SC2210
00218 CHEM-012C-01 Organic Chemistry (LAB) 07:30 AM-10:20 AM MTWTh TONG, HOMER SC2210

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

CHEM 50: Preparation Course for General Chemistry

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: Mathematics 114 or equivalent. Advisory: English Writing 1A or English as a Second Language 5.

Course Description: An introduction to the core problem and solution-solving techniques of chemistry as preparation for Chemistry 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.

00222 CHEM-050.-61 Preparation Course for General Chemistry (CLAS) 06:00 PM-07:50 PM MTWTh ZLATOGOROV, ELENA S35
00222 CHEM-050.-61 Preparation Course for General Chemistry (LAB) 03:00 PM-04:15 PM MTWTh ZLATOGOROV, ELENA SC2210

Course Notes (Summer): CHEM-050.-61: Student must bring a combination padlock to the first laboratory meeting.

10923 CHEM-050.-62 Preparation Course for General Chemistry (CLAS) 06:00 PM-07:50 PM MTWTh ZLATOGOROV, ELENA S35
10923 CHEM-050.-62 Preparation Course for General Chemistry (LAB) 04:30 PM-05:45 PM MTWTh ZLATOGOROV, ELENA SC2210

Course Notes (Summer): CHEM-050.-62: Student must bring a combination padlock to the first laboratory meeting.

****** Computer Information Systems

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.-81Z Computers and the Internet in Society (CLAS) TBA TBA WHITEHILL, ANITA ONLINE

Course Notes (Summer): CIS -002.-81Z: 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/distance/

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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, databases, and Internet web tools.

11163 * CIS -003.-01Y Business Information Systems (CLAS) 03:00 PM-04:50 PM MTWTh STAFF, M AT205
11163 * CIS -003.-01Y Business Information Systems (LAB) TBA TBA STAFF, M ONLINE

Course Notes (Summer): CIS -003.-01Y: 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 Catalyst Online system. The instructor will be available online Mondays, Tuesdays & Wednesdays from 2:00PM to 2:50PM

10686 * CIS -003.-02Y Business Information Systems (CLAS) 12:30 PM-02:20 PM MTWTh MORGAN JR, ALEXANDER MORGAN JR, ALEXANDER ONLINE
10686 * CIS -003.-02Y Business Information Systems (LAB) TBA TBA

Course Notes (Summer): CIS 3 - 02Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically MTWTh from 12:30PM to 2:20PM. The online portion of the class is conducted via the Catalyst Online system. The instructor will be available online (& physically in AT 203) Mondays, Tuesdays & Wednesdays from 2:30PM to 3:20PM

10663 * CIS -003.-81Y Business Information Systems (CLAS) 06:00 PM-09:50 PM MW HEBPBURN, WILLIAM AT204
10663 * CIS -003.-81Y Business Information Systems (LAB) TBA TBA HEBPBURN, WILLIAM ONLINE

Course Notes (Summer): CIS 3:61Y: Hybrid class (partial online instruction). Access to the Internet required. Class meets physically Mondays and Wednesdays 6:00PM to 9:50PM. The online portion of the class is conducted via the Catalyst Online system. The instructor will be available online Tuesdays and Thursdays 6:00PM to 7:15PM.

00227 * CIS -003.-81Z Business Information Systems (LAB) TBA TBA GEORGIOU, SPERANTA GEORGIOU, SPERANTA ONLINE
00227 * CIS -003.-81Z Business Information Systems (CLAS) TBA TBA
CIS 14A: Visual Basic .NET 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


Course Notes (Summer): CIS 14A-61Z: Hybrid class (part on line instruction). Access to the Internet required. Class meets physically Tuesdays from 6:00 PM to 9:50 PM. The instructor will be available online each Thursday from 6:00 PM to 11:00 PM. Course syllabus will contain more details.

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: (Students may receive credit for either Computer Information Systems (22A and 22B) or 27, but not both.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Computer Information Systems 10. 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.

Course Notes (Summer): CIS 18A -61Y: Hybrid class (part 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 Catalyst Online system. The instructor will be available online Mondays 2:20PM to 5:00PM.

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). | Formerly: (Formerly Computer Information Systems 71A.) | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree Applicable | Grading Method: Letter Grade

Course Notes: (CLAS) 06:00 PM-07:50 PM TTH METCALF, KEVIN AT204

Grading Method: Letter Grade

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

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). | Formerly: (Formerly Computer Information Systems 71B.) | 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 Computer Information Systems (22A and 22B) or 27, but not both.) Prerequisite: Computer Information Systems 10. 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.

Course Notes: CIS 22B-02Y: Hybrid class (part 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 Catalyst Online system. The instructor will be available online Saturdays 10:00AM to 12:40PM.

Course Notes (Summer): CIS 22A-62Y: Hybrid class (part 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 Catalyst Online system. The instructor will be available online Saturdays 10:00AM to 12:40PM.
CIS 22C: Data Abstraction and Structures

Course Notes (Summer):

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: Computer Information Systems 22B or equivalent. Advisory: Mathematics 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 27: Programming in C++ for C/Java Programmers

Course Notes (Summer):

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: Computer Information Systems 36A and 36B or 35A, but not both.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Computer Information Systems 15BG or 26A.

Course Description: A comprehensive introduction to the C++ programming language and its applications.

Hour: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 35A: Java Programming as a Second Language

Course Notes (Summer):

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: Computer Information Systems 36A and 36B or 35A, but not both.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Computer Information Systems 15BG or 26A or 22B.

Course Description: Introduction to Java programming, computing context, primitive types, flow of control constructs, operators, text I/O, objects and classes, interfaces, packages, GUI and exceptions.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 35B: Advanced Java Programming

Course Notes (Summer):

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: English Writing 211 and Reading 211 (or Language Arts 211) or English as a Second Language 272 and 273; Computer Information Systems 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, reflection, cloning, multi-threading, Web Programming with Java Server Pages, Servlets, JavaServer Faces and JavaBeans.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 64B: Introduction to SQL

Course Notes (Summer):

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Computer Information Systems 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 022B-61Y: Intermediate Programming Methodologies in C++ (LAB)

Course Notes (Summer):

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: Computer Information Systems 22B or equivalent. Advisory: Mathematics 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 022C-61Y: Intermediate Programming Methodologies in C++ (LAB)

Course Notes (Summer):

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: Computer Information Systems 22B or equivalent. Advisory: Mathematics 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 022D-61Y: Advanced Prog, Data Abstr, Structures (LAB)

Course Notes (Summer):

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: Computer Information Systems 22B or equivalent. Advisory: Mathematics 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 022E-61Y: Advanced Java Programming

Course Notes (Summer):

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: Computer Information Systems 22B or equivalent. Advisory: Mathematics 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 022F-61Y: Intermediate Programming Methodologies in C++ (LAB)

Course Notes (Summer):

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: Computer Information Systems 22B or equivalent. Advisory: Mathematics 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 022G-61Y: Advanced Programming and Data Analysis (LAB)

Course Notes (Summer):

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: Computer Information Systems 22B or equivalent. Advisory: Mathematics 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE

CIS 022H-61Y: Advanced Java Programming

Course Notes (Summer):

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: Computer Information Systems 22B or equivalent. Advisory: Mathematics 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.

Hours: Four hours lecture, one and one-half hours laboratory (66 hours total per quarter).

Grading Method: Letter Grade

Credit Status: Credit - Degree applicable

Program Status: Program Applicable

General Education Status: Non-GE
CIS 93: Computer Literacy
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: English Writing 1A or English as a Second Language 5.
Course Description: Introduction to the computer for non-computer science students. 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. An integrated software package for word processing, spreadsheets, databases, e-mail, Internet and presentations is used.

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Computer Information Systems 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.

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: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.
Course Description: Digital imaging principles to produce graphics for websites and print. Hands-on experience with the elements and tools to set up files, manage documents, and perform image processing.

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: English Writing 1A or English as a Second Language 5.
Course Description: Introduces concepts and hands-on projects using four common office productivity software programs including word processing, spreadsheet, database and presentation software.

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: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 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.

Counseling
Important Department Information: For Summer Session: Be sure to check the week the Counseling 200 class starts by clicking on the Course Note icon, or by viewing the class detail.
**COUN 200: Orientation to College**

Unit(s): 0.5/2  | Hours: Two hours lecture-laboratory for each unit of credit (24 hours total for each unit of credit per quarter).  | Formerly: (Formerly Counseling 100 and 100X respectively.)  | General Education Status: Non-GE  | Program Status: Not Program Applicable (Stand Alone)  | Credit Status: Credit - Not degree applicable  | Grading Method: Pass/Fail

**Course Description:** An orientation to De Anza College that includes programs, services, policies, degrees, certificates, transfer requirements, and college culture. Focus will be on strategies needed for academic success and the development of a two quarter Educational Plan.

**Requisites:** Requisite/Advisory: None.

**Grading Method:** Pass/Fail

**General Education Status:** Non-GE

**Credit Status:** Credit - Not degree applicable

**Program Status:** Not Program Applicable (Stand Alone)

**Course Notes (Summer):** COUN-200.-28Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-27Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-26Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-25Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-24Y: Class meets for one week beginning July 7, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-23Y: Class meets for one week beginning July 7, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-22Y: Class meets for one week beginning July 7, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-21Y: Class meets for one week beginning July 7, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-20Y: Class meets for one week beginning July 7, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer):** COUN-200.-20Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-19Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-18Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-17Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-16Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-15Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-14Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-13Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-12Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-11Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-10Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-09Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-08Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-07Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer):** COUN-200.-06Y: Class meets for one week beginning July 7, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.
### Course Notes (Summer): COUN-200.-37Y: Class meets for one week beginning July 14, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday. 3:00 PM to 5:10 PM.

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<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
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<td>COUN-200.-37Y</td>
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<td>Starts: 07/14/2014</td>
<td>Ends: 07/18/2014</td>
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### Course Notes (Summer): COUN-200.-38Y: Class meets for one week beginning July 14, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday. 6:00 PM to 8:10 PM.

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### Course Notes (Summer): COUN-200.-39Y: Class meets for one week beginning July 14, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday. 3:00 PM to 5:10 PM.

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### Course Notes (Summer): COUN-200.-40Y: Class meets for one week beginning July 14, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday. 3:00 PM to 5:10 PM.

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### Course Notes (Summer): COUN-200.-41Y: Class meets for one week beginning July 21, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday. 3:00 PM to 5:10 PM.

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### Course Notes (Summer): COUN-200.-42Y: Class meets for one week beginning July 21, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday. 3:00 PM to 5:10 PM.

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<th>End Date</th>
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<td><strong>Course Notes (Summer): COUN-200.-42Y</strong></td>
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**Course Notes (Summer): COUN-200.-46Y:** Class meets for one week beginning July 21, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer): COUN-200.-44Y:** Class meets for one week beginning July 21, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer): COUN-200.-42Y:** Class meets for one week beginning July 21, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer): COUN-200.-43Y:** Class meets for one week beginning July 21, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer): COUN-200.-62Y:** Class meets for one week beginning August 4, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer): COUN-200.-61Y:** Class meets for one week beginning August 4, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer): COUN-200.-60Y:** Class meets for one week beginning August 4, at 3:00 to 5:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 3:00 PM to 5:10 PM.

**Course Notes (Summer): COUN-200.-46Y:** Class meets for one week beginning July 21, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer): COUN-200.-44Y:** Class meets for one week beginning July 21, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 6:00 PM to 8:10 PM.

**Course Notes (Summer): COUN-200.-42Y:** Class meets for one week beginning July 21, at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and online assignments on Friday, 6:00 PM to 8:10 PM.
Course Notes (Summer): COUN 200.66Y: Class meets for one week beginning August 4, 2014 at 6:00 to 8:10 PM. Hybrid class, in person class meetings Monday through Thursday, and on-line assignments on Friday, 6:00 PM to 8:10 PM.

10792 * COUN-200.-FY Orientation to College (CLAS) 10:00 AM-11:50 AM M BURGOS, PATRICIA MLC113

Course Notes (Summer): COUN 200FY This program is designed to help first year students succeed through community-building and linked classes. Contact Patty Burgos at 408-864-8731 or for more information email: burgospatty@fhda.edu, www.deanza.edu/ssrsc/ Concurrent enrollment in Huma 20FY.

10791 COUN-200.-SK Orientation to College (CLAS) 10:00 AM-11:50 AM M WETHINGTON, PAULINE L73

Course Notes (Summer): COUN 200SK This program is designed to help first year students succeed through community-building and linked classes. Contact Patty Burgos at 408-864-8731 or for more information email: burgospatty@fhda.edu, www.deanza.edu/ssrsc/ Concurrent enrollment in Huma 20SK.

COUN 200X: Orientation to College
Unit(s): 1 || Hours: Two hours lecture-laboratory for each unit of credit (24 hours total for each unit of credit per quarter). || Formerly: (Formerly Counseling 100 and 100X 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: An orientation to De Anza College that includes programs, services, policies, degrees, certificates, transfer requirements, and college culture. Focus will be on strategies needed for academic success and the development of a two quarter Educational Plan.

11393 COUN-200X-01 Orientation to College (CLAS) 10:00 AM-02:30 PM Starts: 08/11/2014 TBA Ends: 08/15/2014 MTWThF

Course Notes (Summer): COUN-200X-01: Class meets the week of August 11 - August 15, from 10:00 AM to 2:30 PM. Recommended for Puente, Sankofa and FYE Students.

11394 COUN-200X-02 Orientation to College (CLAS) 10:00 AM-02:30 PM Starts: 08/11/2014 STAFF, M Ends: 08/15/2014 MTWThF

Course Notes (Summer): COUN-200X-02: Class meets the week of August 11 to August 15, from 10:00 AM to 2:30 PM. Recommended for Puente, Sankofa and FYE Students.

***** Dance

<table>
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<td>MTW</td>
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DANC 25A: Theory and Technique of Salsa Dance I
Unit(s): 1  |  Hours: Two hours lecture-laboratory (24 hours total per quarter).  |  Repeatability: (This course is included in the Social/Cultural Dance 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to the discipline and creative art of salsa dance. Exposure to basic forms of social dance in a salsa dance context. Developing a working vocabulary of traditional salsa dance movements and an understanding of the cultural and historical contexts that produced the specific dance styles.

Course Notes (Summer): DANC-025A-01: Salsa Dance. This course provides students with the opportunity to learn the art of this exciting dance craze sweeping dance clubs throughout the world. For more information, contact Vernon Gallegos at (408) 864-8506 or gallegosvernon@fhda.edu

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

Course Notes: (Summer): DANC-038A-01: Appreciation of Dance (CLAS) 12:30 PM-02:55 PM MTW LUCAS, WARREN A11

DANC 52M: 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.)  |  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: Dance 22L. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

Course Notes: (Summer): DANC-052M-01: Theory and Technique of Ballet III (CLAS) 09:30 AM-11:20 AM MTW LUCAS, WARREN PE11U

DANC 53C: Theory and Technique of Contemporary (Modern) Dance III
Unit(s): 1  |  Hours: Three hours laboratory (36 hours total per quarter).  |  Repeatability: (This course is included in the Dance Technique 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: Dance 23A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: The discipline and creative art of contemporary dance focusing on practice, theory, technique, and movement explorations in time and space, developing a working intermediate dance vocabulary in three contemporary dance techniques (i.e. Limon, Graham, Dunham).

Course Notes: (Summer): DANC-053C-01: Theory and Technique of Modern Dance (CLAS) 05:30 PM-07:20 PM MTW SHAW, JANET PE11U

****** Environmental Studies

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| 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: English Writing 1A or English as a Second Language 5.

Course Description: An interdisciplinary study of the use of the earth's natural resources by human civilizations, past and present, and the role that economics, ethics, law, history, politics, culture and gender inequity have played in resource use and distribution. (One field trip may be required outside of class time.)

Course Notes (Summer): E S -001.-01: Introduction to Environmental Studies (CLAS) 09:30 AM-11:55 AM MTW DE TORO, ALICIA KC112

Course Notes (Summer): E S -001.-02: Field trips may be required for this course.

Course Notes (Summer): E S -001.-03: Field trips may be required for this course.

Course Notes (Summer): E S -001.-04: Field trips may be required for this course.

Course Notes (Summer): E S -001.-01: Field trips may be required for this course.

Course Notes (Summer): E S -001.-02: Field trips may be required for this course.

Course Notes (Summer): E S -001.-03: Field trips may be required for this course.

Course Notes (Summer): E S -001.-04: Field trips may be required for this course.

Course Notes: E S -001.-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. For more information go to: http://deanza.edu/distance/

| E S 2: Humans, the Environment, and Sustainability
Unit(s): 4  |  Hours: Four hours lecture (48 hours total per quarter).  |  Formerly: (Formerly Environmental Studies 52.)  |  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: English Writing 1A or English as a Second Language 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.)
### E S 3: Imagery of the Environment

**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  
**Advisory:** English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Explores the concept of environmental citizenship including personal responsibility and participation in local environmental case studies along the 37th parallel. Develop an understanding of environmental stewardship principles, including those of other cultural, ethnic and gender groups, and the use of such practices in establishing common ground for community-based decision-making.

**Course Notes:** Credit - Degree applicable

### E S 65: Environmental Stewardship

**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  
**Advisory:** English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Explores the role of environmental leadership in the 21st Century, including development and implementation of leadership skills and models. Apply those leadership skills and models developed to address local environmental case studies.

**Course Notes:** Credit - Degree applicable

### E S 66: Environmental Leadership

**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  
**Advisory:** English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Explores the role of environmental leadership in the 21st Century, including development and implementation of leadership skills and models. Apply those leadership skills and models developed to address local environmental case studies.

**Course Notes:** Credit - Degree applicable

### E S 67: Environmental Team-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  
**Advisory:** English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Explores the concept of team-building in the 21st Century, including development and implementation of team-building skills and models. Apply those team-building skills and models developed to address local environmental case studies.

**Course Notes:** Credit - Degree applicable

### E S 68: Community-Based Coalitions and Stakeholders

**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  
**Advisory:** English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

**Course Description:** Explores the concept of environmental community-based coalitions in the 21st Century, including identifying and integrating key stakeholders. Apply the community-based model of collaboration to address local environmental case studies.

**Course Notes:** Credit - Degree applicable

### E S 69: Energy Reliability and Your Organization

**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  
**Advisory:** English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An overview of strategies to assist in preparing an energy management action plan for your organization and staff. The strategies include model board policy, administrative guidelines, assembling an energy management action team, assessing the impact of energy policy on society, and an overview of key stakeholders in the energy field. (One out-of-class field trip may be required for this course.)

**Course Notes:** Credit - Degree applicable

### E S 70: Introduction to Energy Management Technology

**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  
**Advisory:** English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An overview of the field of Energy Management and its importance in today's society, including future implications, and discussion of careers and impact on modern culture and society. This module introduces the whole building concept and related energy and conservation issues including the building envelope, HVAC systems, lighting, energy management and controls and renewable energy technologies. (One out-of-class field trip may be required for this course.)

**Course Notes:** Credit - Degree applicable

### Course Notes (Summer)

E S 002.01: Field trips may be required for this course.
E S 71: The Building Envelope

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Examine the building shell as the primary physical component of any facility which controls energy flow between the interior and exterior of the building. The goal is to develop a qualitative and analytical understanding of the thermal performance of major building envelope components. Topics include walls, doors, glazing (windows), roofing and building skin as well as climatic responsive building design. (One out-of-class field trip may be required for this course.)

Course Notes (Summer): E S -071.-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. For more information go to: http://deanza.edu/distance/

E S 71LX: The Building Envelope and Climate Responsive Building Design and Construction Laboratory

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: Environmental Studies 71 (may be taken concurrently). Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: The building shell as the primary physical component of any facility which controls energy flow between the interior and exterior of the building using the Kirsch and campus-wide lab setting. The goal is to experience a hands-on understanding of the thermal performance of major building envelope components. Topics include walls, doors, glazing (windows), roofing and building skin as well as climatic responsive building design and construction. (Out-of-class field trips will be required for this course.)

Course Notes (Summer): E S -71LX-61: Field trips may be required for this class.

E S 72: Heating, Ventilating and Air Conditioning (HVAC) Systems

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Provides an introduction to HVAC systems, the systems that provide heating, cooling, humidity control, filtration, and comfort control to facilities. Examines various HVAC systems and their interrelationships with other building systems. Students will consider HVAC technologies that can help facilities managers achieve the goals of lowering energy costs, becoming more environmentally friendly, and enhancing indoor air quality. (One out-of-class field trip may be required for this course.)

Course Notes (Summer): E S -072.-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. For more information go to: http://deanza.edu/distance/

E S 73: Electric Motors and Drives

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Examine the building shell as the primary physical component of any facility which controls energy flow between the interior and exterior of the building using the Kirsch and campus-wide lab setting. The goal is to experience a hands-on understanding of the thermal performance of major building envelope components. Topics include walls, doors, glazing (windows), roofing and building skin as well as climatic responsive building design and construction. (One out-of-class field trip may be required for this course.)

Course Notes (Summer): E S -073.-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. For more information go to: http://deanza.edu/distance/

E S 74: Lighting Distribution Systems

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Provides an introduction to the fundamentals of lighting and energy management lighting techniques. Discusses the different types of lighting and daylighting applications used in commercial and institutional buildings, while describing the quality and quantity of lighting needed for certain applications, measuring efficiency, color rendering, ballasts, etc. Lighting design that provides visual comfort at lower energy costs will be emphasized. (One out-of-class field trip may be required for this course.)

Course Notes (Summer): E S -074.-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. For more information go to: http://deanza.edu/distance/

E S 75: Electric Power Systems

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Provides an introduction to the fundamentals of lighting and energy management lighting techniques. Discusses the different types of lighting and daylighting applications used in commercial and institutional buildings, while describing the quality and quantity of lighting needed for certain applications, measuring efficiency, color rendering, ballasts, etc. Lighting design that provides visual comfort at lower energy costs will be emphasized. (One out-of-class field trip may be required for this course.)

Course Notes (Summer): E S -075.-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. For more information go to: http://deanza.edu/distance/

E S 76A: Solar Thermal Systems

Unit(s): 1  ||  Hours: One hour lecture (12 hours total per quarter).  ||  Formerly: (Formerly Environmental Studies 77.)  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.

Course Description: An overview of solar thermal systems including water heating technologies which reduce energy use to generate hot water including maintaining equipment and insulation, reducing hot water use and water temperatures, reducing heat losses from the system, and utilizing waste heat sources and renewable energy technologies, including solar.
**Course Notes (Summer):** E S - 076A-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. For more information go to: http://deanza.edu/distance/

**E S 78: Energy Management Systems and Controls**

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Describes the most commonly used controls and energy management systems in commercial and institutional applications. Topics will include complex automatic systems for major energy-consuming equipment, as well as simple controls, including time clocks, occupancy sensors, photocells, and programmable thermostats. Computer-based energy management systems, as well as control systems to reduce peak electrical demand will be discussed. (One out-of-class field trip may be required for this course.)

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<td>ROEDER, WILLIAM</td>
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**Course Notes (Summer):** E S - 078 - 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. For more information go to: http://deanza.edu/distance/

**E S 79: Renewable and Alternative Energy Systems**

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the potential for renewable and alternative energy systems when adding power generation capacity for a site or large facility. Life-cycle cost comparisons between renewable energy systems and conventional power generation and the added potential of reducing peak power demand will be emphasized. Topics include photovoltaic power systems, wind energy systems, and fuel cells. (One out-of-class field trip may be required for this course.)

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<td>E S - 079 - 61Z Renewable and Alternative Energy Systems (CLAS)</td>
<td>TBA</td>
<td>TBA</td>
<td>ROEDER, WILLIAM</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**Course Notes (Summer):** E S - 079 - 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. For more information go to: http://deanza.edu/distance/

**E S 802Z: California Field Studies**

Unit(s): 4 || Hours: One hour lecture for each unit of credit (12 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:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Field observation of California's native plants and animals in aquatic and terrestrial ecosystems, with an emphasis on endangered, rare, protected and reintroduced species. The underlying social, economic and political issues associated with habitat and species loss will be discussed, as well as impacts on various cultural, ethnic and socio-economic groups. (Out-of-class field trips may be required.)

<table>
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<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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</thead>
<tbody>
<tr>
<td>11382</td>
<td>E S -080Z-55 California Field Studies (CLAS)</td>
<td>06:30 PM-09:20 PM</td>
<td>Starts: 07/01/2014 SULLIVAN, KRISTIN</td>
<td>KC113</td>
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<td>Ends: 08/17/2014 T</td>
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<td>11382</td>
<td>E S -080Z-55 California Field Studies (CLAS)</td>
<td>07:30 AM-06:30 PM</td>
<td>Starts: 07/01/2014 SULLIVAN, KRISTIN</td>
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<td>Ends: 08/17/2014 T</td>
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</table>

**Course Notes (Summer):** E S -080Z-55: This field studies class meets Tuesday, July 1, at the Kirsch Center and August 14 - 17 (Thursday, Friday, Saturday and Sunday) in the field.

**E S 95: Introduction to Environmental Careers**

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Learn about saving the planet through environmental careers, including ecosystem management, restoration ecology, corridors ecology, energy management technology, environmental stewardship, environmental education, watershed management, environmental law, pollution prevention and more. Opportunities for internships and employment in business, industry, public agencies, academia and nonprofit agencies will be explored. Students will prepare an academic plan for their two- or four-year degree, certificate or workplace.

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<tr>
<th>CRN</th>
<th>Course Title</th>
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<th>Dates/Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>10590</td>
<td>E S - 095 - 61Z Introduction to Environmental Careers (CLAS)</td>
<td>TBA</td>
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<td>CORNELY, PATRICIA</td>
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</table>

**Course Notes (Summer):** E S - 095 - 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. For more information go to: http://deanza.edu/distance/

***** Economics

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<tr>
<th>CRN</th>
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<th>Dates/Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>00394</td>
<td>ECON-001 - 61Z Principles of Macroeconomics (CLAS)</td>
<td>06:30 PM-10:55 PM</td>
<td>TWAH</td>
<td>ZILL, STEPHEN</td>
<td>S56</td>
</tr>
<tr>
<td>10196</td>
<td>ECON-001 - 65Z Principles of Macroeconomics (TBA)</td>
<td>TBA</td>
<td>TBA</td>
<td>BURNS, ELIZABETH</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**ECON 1: Principles of Macroeconomics**

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: English Writing 1A or English as a Second Language 5.

**Course Description:** An introduction to macroeconomics. Topics covered will include recessions and inflation, national income accounting, money and the banking system, money and the price level, classical macro theory, Keynesian macro theory, monetary and fiscal policy, and international trade.

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<th>CRN</th>
<th>Course Title</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>10684</td>
<td>ECON-001 - 01 Principles of Macroeconomics (CLAS)</td>
<td>07:30 AM-09:55 AM</td>
<td>TWAH</td>
<td>MALEK, NINOS</td>
<td>S56</td>
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<tr>
<td>00369</td>
<td>ECON-001 - 02 Principles of Macroeconomics (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>TWTH</td>
<td>THOMAS, MONIKA</td>
<td>S55</td>
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<tr>
<td>11242</td>
<td>ECON-001 - 03 Principles of Macroeconomics (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TWTH</td>
<td>BRADY, JOHN</td>
<td>S55</td>
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<tr>
<td>00391</td>
<td>ECON-001 - 04 Principles of Macroeconomics (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TWAH</td>
<td>MILLER, CHRISTINA</td>
<td>S56</td>
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<tr>
<td>00390</td>
<td>ECON-001 - 05 Principles of Macroeconomics (CLAS)</td>
<td>03:00 PM-05:25 PM</td>
<td>TWAH</td>
<td>MILLER, CHRISTINA</td>
<td>S56</td>
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<tr>
<td>00392</td>
<td>ECON-001 - 06 Principles of Macroeconomics (CLAS)</td>
<td>06:00 PM-08:25 PM</td>
<td>TWAH</td>
<td>BLOHM, STEPHEN</td>
<td>S55</td>
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<tr>
<td>10195 *</td>
<td>ECON-001 - 61Z Principles of Macroeconomics (TBA)</td>
<td>TBA</td>
<td>TBA</td>
<td>UY-BARRETA, DON</td>
<td>ONLINE</td>
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</table>

**Course Notes (Summer):** ECON-001 - 01Z: 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/distance/

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<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<tbody>
<tr>
<td>00394</td>
<td>ECON-001 - 61Z Principles of Macroeconomics (CLAS)</td>
<td>06:30 PM-10:55 PM</td>
<td>TWAH</td>
<td>ZILL, STEPHEN</td>
<td>S56</td>
</tr>
<tr>
<td>10196 *</td>
<td>ECON-001 - 65Z Principles of Macroeconomics (TBA)</td>
<td>TBA</td>
<td>TBA</td>
<td>BURNS, ELIZABETH</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>
ECON 2: Principles of Microeconomics

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: English Writing 1A or English as a Second Language 5.

**Course Description:** Examines fundamental microeconomic issues; the allocation of resources and the production function, pricing of output and factors of production; the distribution of wealth and income; consumer motivations and behavior; the nature and behavior of business firms and markets under various degrees of competition; current problems.

00395  ECON-002.-01  Principles of Microeconomics  (CLAS)  07:30 AM-09:55 AM  TWTh  THOMAS, MONIKA  S55

00396  ECON-002.-02  Principles of Microeconomics  (CLAS)  10:00 AM-12:25 PM  TWTh  MALEK, NINOS  S56

11244  ECON-002.-03  Principles of Microeconomics  (CLAS)  10:00 AM-12:25 PM  TWTh  LANG, GHISLAINE  L47

00397  ECON-002.-04  Principles of Microeconomics  (CLAS)  12:30 PM-02:55 PM  TWTh  LANG, GHISLAINE  L26

00398  ECON-002.-05  Principles of Microeconomics  (CLAS)  03:00 PM-05:25 PM  TWTh  BRADY, JOHN  S55

00399  ECON-002.-06  Principles of Microeconomics  (CLAS)  08:00 PM-10:25 PM  TWTh  ZILL, STEPHEN  S56

00400  * ECON-002-61Z  Principles of Microeconomics  (TBA)  TBA  TBA  UY-BARRETA, DON  ONLINE

Course Notes (Summer): ECON-002-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

11243  ECON-002.-62  Principles of Microeconomics  (CLAS)  08:30 PM-10:55 PM  TWTh  BLOHM, STEPHEN  S55

****** English/Literature

ELIT 10: Introduction to Fiction

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: English Writing 1A or English as a Second Language 5.

**Course Description:** Intensive study of fiction; reading, discussion and analysis of structure and meaning in selected novels and short stories.

10280  ELIT-010.-01  Introduction to Fiction  (CLAS)  10:00 AM-12:25 PM  TWTh  CUDAHY, MARY  L36

ELIT 11: Introduction to Poetry

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: English Writing 1A or English as a Second Language 5.

**Course Description:** Intensive study of poetry; reading, discussion, and analysis of structure and meaning in selected poems.

10281  ELIT-011.-01  Introduction to Poetry  (CLAS)  10:00 AM-12:25 PM  TWTh  DENNY, DAVID  SEM2

ELIT 17: Introduction to Shakespeare

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: English Writing 1A or English as a Second Language 5.

**Course Description:** Analysis of representative Shakespearean sonnets, histories, tragedies, and comedies, placed within the literary and social context of the Renaissance as well as the context of contemporary culture.

11354  ELIT-017.-01  Introduction to Shakespeare  (CLAS)  08:00 AM-09:50 AM  MTWTh  LEONARD, AMY  SEM2

ELIT 21: Women in Literature

Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Also Listed As: (Also listed as Women's Studies 21. 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: English Writing 1A or English as a Second Language 5.

**Course Description:** Intensive study of representative literary works by or about women including an analysis of different historical, cultural, and critical perspectives.

11092  ELIT-021.-01  Women in Literature  (CLAS)  12:30 PM-02:55 PM  TWTh  QUIGLEY, JILL  G9

ELIT 22: Mythology and Folklore

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: English Writing 1A or English as a Second Language 5.

**Course Description:** An intercultural survey of prehistoric, historic, and contemporary world mythology and folklore which examines the relationship between a culture's myths and folktales and its art, literature, and social values.

10283  ELIT-022.-01  Mythology and Folklore  (CLAS)  12:30 PM-02:55 PM  TWTh  SANDEL, ADAM  L36

****** Engineering

ENGR 10: Introduction to Engineering

Unit(s): 4  ||  Hours: Three hours lecture, five hours laboratory (96 hours total per quarter).  ||  General Education Status: Non-GE  ||  Program Status: Program Applicable  ||  Credit Status: Credit - Degree applicable  ||  Grading Method: Letter Grade
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: Mathematics 1D; Physics 4B (may be taken concurrently).


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<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>11372</td>
<td>ESCI-037.-55 Environmental Science</td>
<td>09:30 AM-11:45 AM</td>
<td>MTWTh</td>
<td>POLYAKOV, ALEKSANDR</td>
<td>S48</td>
</tr>
<tr>
<td>10154</td>
<td>ESCI-037.-61 Environmental Science</td>
<td>06:30 PM-08:45 AM</td>
<td>MTWTh</td>
<td>LAM, EDWARD</td>
<td>S48</td>
</tr>
</tbody>
</table>

***** Environmental Science

ESCI 1: Environmental Science
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Formerly: (Formerly Environmental Science 51.) || 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: English Writing 1A or English as a Second Language 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.)

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

Course Notes (Summer): ESCI-001.-55: This 3-week class meets from June 30-July 17, 2014. Field trips are required for this class.

Course Notes (Summer): ESCI-001.-55: 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. For more information go to: http://www.deanza.edu/distance/

Course Notes (Summer): ESCI-001.-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. For more information go to: http://www.deanza.edu/distance/

ESCI 1L: Environmental Science Laboratory
Unit(s): 1 || Hours: Three hours laboratory (36 hours total per quarter). || Formerly: (Formerly Environmental Science 51L.) || 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.) Co-requisite: Environmental Science 1L students must also enroll in, or have completed, Environmental Science 1. Advisory: English Writing 1A or English as a Second Language 5.

Course Description: 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.

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

ESCI 19: Environmental Biology
Unit(s): 5 || Hours: Four hours lecture, three hours laboratory (84 hours total per quarter). || Formerly: (Formerly Biology 19.) || 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: English Writing 1A or English as a Second Language 5.

Course Description: An introduction to environmental biology as a branch of the environmental sciences and its relation to the scientific field. Review of the principles of environmental biology, ecology and conservation as they relate to natural resource use, the biodiversity crisis, pollution, human population and the impacts on all cultural, ethnic and gender groups. (Field trip outside of scheduled class time may be required for this course.)

Course Notes (Summer): ESCI-019.55: This 3-week class meets June 30-July 17. Field trips are required for this class.

ESCI 82: Central Coast Wildlife Corridors: Coyote Valley
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: Requisite/Advisory: None.

Course Description: An exploration of the Coyote Valley Wildlife Corridor as an integral component of the Central Coast Wildlife Corridor Regional Landscape (CCWCRL). This field studies course will emphasize wildlife field identification techniques, animal tracking and bird survey protocols, field observation and data collection. These field studies will assist in the long-term preservation, protection and restoration of native species and ecosystems of the Central Coast Region.
ESCI 87: Central Coast Wildlife Corridors: Diablo Range
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: Requisite/Advisory: None.
Course Description: An exploration of the Diablo Range Wildlife Corridor as an integral component of the Central Coast Wildlife Corridor Regional Landscape (CCWCLR). This field studies course will emphasize wildlife field identification techniques, animal tracking and bird survey protocols, field observation and data collection. These field studies will assist in the long-term preservation, protection and restoration of native species and ecosystems of the Central Coast Region.

10987 ESCI-087.-01 Central Coast Wildlife Corridors: Diablo Range (LAB) 08:30 AM-02:20 PM F PHILLIPS, RYAN KC120

Course Notes (Summer): ESCI-087.-01: Class one meets at the Kirsch Center and most classes meet at field sites. Field trips are required for this field studies class.

ESCI 88: Central Coast Wildlife Corridors: Santa Cruz Mountains
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: Requisite/Advisory: None.
Course Description: An exploration of the Santa Cruz Mountains Wildlife Corridor as an integral component of the Central Coast Wildlife Corridor Regional Landscape (CCWCLR). This field studies course will emphasize wildlife field identification techniques, animal tracking and bird survey protocols, field observation and data collection. These field studies will assist in the long-term preservation, protection and restoration of native species and ecosystems of the Central Coast Region.

11383 ESCI-088.-01 Central Coast Wildlife Corridors: Santa Cruz Mountains (CLAS) 08:30 AM-02:20 PM F PHILLIPS, RYAN KC112

Course Notes (Summer): ESCI-088.-01: Class one meets at the Kirsch Center and most classes meet at field sites. Field trips are required for this field studies class.

ESCI 90: Santa Clara County Field Studies: Tule Elk
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: Requisite/Advisory: None.
Course Description: Field observation of the tule elk (Cervus elaphus nannodes) found in Santa Clara County, California with an emphasis on the history of tule elk reintroduction, habitat utilization, home range characteristics, behaviors and other natural history insights. The underlying social, economic and political issues associated with the near extinction and restoration of this subspecies of North American elk will be discussed. (Off-campus field trips will be required.)

11376 ESCI-090.-55 Santa Clara County Field Studies: Tule Elk (CLAS) 05:30 PM-07:20 PM Starts: 07/10/2014 PHILLIPS, JULIE KC113 Ends: 07/12/2014 Th
11376 ESCI-090.-55 Santa Clara County Field Studies: Tule Elk (CLAS) 08:30 AM-06:20 PM Starts: 07/10/2014 PHILLIPS, JULIE TBA Ends: 07/12/2014 S

Course Notes (Summer): ESCI-090.-55: Class one meets on Thursday, July 10, at the Kirsch Center. Saturday, July 12, class meets at a field site. Field trips are required for this class.

ESCI 92: Santa Clara County Field Studies: Raptors
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: Requisite/Advisory: None.
Course Description: Field observation of raptors (bird of prey) found in Santa Clara County, California with an emphasis on the natural history such as habitat utilization, breeding biology, behaviors, identification and migration. Local conservation issues associated with raptors will also be looked at. (Off-campus field trips will be required.)

11375 ESCI-092.-55 Santa Clara County Field Studies: Raptors (CLAS) 05:30 PM-07:20 PM Starts: 07/24/2014 PHILLIPS, RYAN KC120 Ends: 07/26/2014 Th
11375 ESCI-092.-55 Santa Clara County Field Studies: Raptors (CLAS) 08:30 AM-06:20 PM Starts: 07/24/2014 PHILLIPS, RYAN TBA Ends: 07/26/2014 S

Course Notes (Summer): ESCI-092.-55: Class one meets on Thursday, July 24, at the Kirsch Center. Saturday, July 26, class meets at a field site. Field trips are required for this class.

****** English as a Second Language

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<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>ESL 5: Advanced Composition and Reading</td>
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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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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 personal, societal, academic, and literary texts representing culturally diverse perspectives. Practice of the techniques of expository, response, and argumentative writing based on personal experience, critical reading, and critical thinking. Composition of clear, organized, and well-developed essays with varied rhetorical strategies and for differing audiences.

00421 ESL-005.-01 Advanced Composition and Reading (CLAS) 10:00 AM-12:15 PM M Tu W Th TRACEY, IVA L34
00420 ESL-005.-02 Advanced Composition and Reading (CLAS) 12:30 PM-02:45 PM M Tu W Th MARIANETTI, NOEL L34

ESL 234: Low Intermediate English as a Second Language
Unit(s): 10 || Hours: Ten hours lecture (120 hours total per quarter). || Formerly: (Formerly English as a Second Language 134.) || 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.
Course Description: Development of English speaking, listening, reading and writing skills. Practice in listening to and using basic forms of conversational English to ask and answer questions on a variety of cultural topics. Development of basic reading comprehension and vocabulary. Practice in writing simple and compound sentences, short narratives, explanations, and descriptions.

00426 ESL-234.-01 Low Intermediate English as a Second Language (CLAS) 12:30 PM-04:00 PM ORMENO, VALERIE L35
## ESL 244: Intermediate English as a Second Language

**Course Notes (Summer): ESL -244.-03: Class designed for International Students. Meets eight weeks beginning July 1.**

<table>
<thead>
<tr>
<th>Course Notes (Summer): ESL -244.-03</th>
<th>Course Notes (Summer): ESL -244.-02</th>
<th>Course Notes (Summer): ESL -244.-01</th>
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</thead>
<tbody>
<tr>
<td>ESL -244.-03: Class meets eight weeks beginning July 1.</td>
<td>ESL -244.-02: Class meets eight weeks beginning July 1.</td>
<td>ESL -244.-01: Class meets eight weeks beginning July 1.</td>
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<tr>
<td>00427 ESL -244.-01 Intermediate English as a Second Language (CLAS)</td>
<td>00428 ESL -244.-02 Intermediate English as a Second Language (CLAS)</td>
<td>00429 ESL -244.-01 Intermediate English as a Second Language (CLAS)</td>
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<td>L33</td>
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<td>L33</td>
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<tr>
<td>Hours: Three hours lecture (120 hours total per quarter).</td>
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a Second Language Placement Test. Co-requisite: English as a Second Language 262 students may also enroll in English as a Second Language 261 and 263 concurrently.

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

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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>00438</td>
<td>ESL-262.-01</td>
<td>Low Advanced Reading (CLAS)</td>
<td>10:00 AM-11:50 AM</td>
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<td>MARIANETTI, NOEL</td>
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<td>00439</td>
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<td>00440</td>
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<td>Low Advanced Reading (CLAS)</td>
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<td>TRACEY, IVA</td>
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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: English as a Second Language 252 and 253; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 263 students may also enroll in English as a Second Language 261 and 262 concurrently.

Course Description: Develops 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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<td>ESL-263.-02</td>
<td>Low Advanced Grammar and Writing (CLAS)</td>
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<td>VALENCIA SUDA, KANAKO</td>
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ESL 272: Advanced Reading and Vocabulary

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Formerly: (Formerly English as a Second Language 172.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

(Recommended for students whose native language is not English.) Prerequisite: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 262 and 263; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 272 students may also enroll in English as a Second Language 273 concurrently.

Course Description: Development of advanced reading vocabulary and reading skills through extensive reading of college level material in English.

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<td>Advanced Reading and Vocabulary (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>MTWTh</td>
<td>CHACKO, ACHAMMA</td>
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<td>00447</td>
<td>ESL-272.-02</td>
<td>Advanced Reading and Vocabulary (CLAS)</td>
<td>12:30 PM-02:45 PM</td>
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<td>GOODWIN, MARY ELLEN</td>
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<td>00448</td>
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<td>Advanced Reading and Vocabulary (CLAS)</td>
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<td>GOODWIN, MARY ELLEN</td>
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ESL 273: Introduction to the Essay

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Formerly: (Formerly English as a Second Language 173.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

(Recommended for students whose native language is not English.) Prerequisite: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263 with a grade of C or better; or a qualifying score on the English as a Second Language Placement Test. Co-requisite: English as a Second Language 273 students may also enroll in English as a Second Language 272 concurrently.

Course Description: Principles of essay writing.

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<td>L73A</td>
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ESL 274: Grammar and Proofreading for Academic Writing

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as English Writing 274. Students may enroll in either department, but not both, for credit.) || Formerly: (Formerly English as a Second Language 174.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

(Recommended for students whose native language is not English and students who wish to improve their grammar and proofreading skills.) Prerequisite: English as a Second Language 261, 262 and 263; or English Writing 200.

Course Description: Focus on helping students become successful academic writers by addressing their needs (a) to understand grammatical structures fundamental to college writing and (b) to develop effective proofreading skills.

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****** English/Writing

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<td>10:00 AM-12:15 PM</td>
<td>MTWTh</td>
<td>SANDEL, ADAM</td>
<td>E25</td>
</tr>
<tr>
<td>00459</td>
<td>EWRT-001A-09</td>
<td>Composition and Reading (CLAS)</td>
<td>12:30 PM-02:45 PM</td>
<td>MTWTh</td>
<td>CROSS, MICHAEL</td>
<td>L82</td>
</tr>
</tbody>
</table>
Course Notes (Summer): EWRT-001A-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

10273 * EWRT-001A-10 Composition and Reading (CLAS) 12:30 PM-02:45 PM MTWTh MARTIN, LAURA S41
00463 EWRT-001A-11 Composition and Reading (CLAS) 12:30 PM-02:45 PM MTWTh AREFI ANBARANI, AZIN S72
00465 EWRT-001A-12 Composition and Reading (CLAS) 12:30 PM-02:45 PM MTWTh MORFEE, JULIE L28
11356 EWRT-001A-13 Composition and Reading (CLAS) 03:00 PM-05:15 PM MTWTh QUINN, ROSEANNE SEM2
11357 EWRT-001A-14 Composition and Reading (CLAS) 03:00 PM-05:15 PM MTWTh CROSS, MICHAEL L82
11190 EWRT-001A-15 Composition and Reading (CLAS) 03:00 PM-05:15 PM MTWTh AREFI ANBARANI, AZIN S72
00466 EWRT-001A-61 Composition and Reading (CLAS) 05:30 PM-07:45 PM MTWTh QUINN, ROSEANNE SEM2
00467 * EWRT-001A-61Z Composition and Reading (CLAS) TBA TBA CORONADO, MARC ONLINE

Course Notes (Summer): EWRT-001A-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

10807 * EWRT-001A-65Z Composition and Reading (TBA) TBA TBA CORONADO, MARC ONLINE

Course Notes (Summer): EWRT-001A-65Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

10274 * EWRT-001A-66Z Composition and Reading (TBA) TBA TBA GRAY, CHARLES ONLINE

Course Notes (Summer): EWRT-001A-66Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

10275 * EWRT-001A-67Z Composition and Reading (TBA) TBA TBA BOARD LILJENSTOLPE, REBECCA ONLINE

Course Notes (Summer): EWRT-001A-67Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

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.) Prerequisite: English Writing 1A.

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.

40471 EWRT-001B-02 Reading, Writing and Research (CLAS) 10:00 AM-12:15 PM MTWTh KAREEMI, KHALIDA G9
00472 EWRT-001B-03 Reading, Writing and Research (CLAS) 10:00 AM-12:15 PM MTWTh ANDERSON-WATKINS, RENE S72
00473 EWRT-001B-04 Reading, Writing and Research (CLAS) 10:00 AM-12:15 PM MTWTh LEWIS, BRIAN L25
00475 EWRT-001B-05 Reading, Writing and Research (CLAS) 12:30 PM-02:45 PM MTWTh PESANO, JULIE L46
00480 EWRT-001B-06 Reading, Writing and Research (CLAS) 12:30 PM-02:45 PM MTWTh LEWIS, BRIAN S49
01134 EWRT-001B-07 Reading, Writing and Research (CLAS) 03:00 PM-05:15 PM MTWTh ANDERSON-WATKINS, RENE L46
11397 EWRT-001B-08 Reading, Writing and Research (CLAS) 12:30 PM-02:45 PM MTWTh KAREEMI, KHALIDA L32
10808 EWRT-001B-61 Reading, Writing and Research (CLAS) 05:30 PM-07:45 PM MTWTh GRAVENER, JOHN G9
10277 * EWRT-001B-61Z Reading, Writing and Research (TBA) TBA TBA DELANEY, ANTHONY G9

Course Notes (Summer): EWRT-001B-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED course orientation available at http://deanza.edu/distance/

10896 * EWRT-001B-65Z Reading, Writing and Research (TBA) TBA TBA MODIRZADEH, YEGANEH ONLINE

Course Notes (Summer): EWRT-001B-65Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

11095 * EWRT-001B-66Z Reading, Writing and Research (TBA) TBA TBA GIARDINO, ALEXANDRIA ONLINE

Course Notes (Summer): EWRT-001B-66Z: Online course. Students must have access to a computer, the Web and an individual e-mail address. Information on on-campus orientation available at http://deanza.edu/distance/

11194 * EWRT-001B-67Z Reading, Writing and Research (TBA) TBA TBA GIARDINO, ALEXANDRIA ONLINE

Course Notes (Summer): EWRT-001B-67Z: Online course. Students must have access to a computer, the Web and an individual e-mail address. Information on on-campus orientation available at http://deanza.edu/distance/

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.) Prerequisite: English Writing 1A.

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 in a documented research paper.

00484 EWRT-002-.01 Critical Reading, Writing and Thinking (CLAS) 07:30 AM-09:45 AM MTWTh BRENNAN, RAYMOND L82
01137 EWRT-002-.02 Critical Reading, Writing and Thinking (CLAS) 07:30 AM-09:45 AM MTWTh CRAGEN, ELLIOTT L73A
01135 EWRT-002-.03 Critical Reading, Writing and Thinking (CLAS) 10:00 AM-12:15 PM MTWTh BRENNAN, RAYMOND L82
11196 EWRT-002-.04 Critical Reading, Writing and Thinking (CLAS) 10:00 AM-12:15 PM MTWTh LOMBARDI, AMY S49
11174 EWRT-002-.05 Critical Reading, Writing and Thinking (CLAS) 12:30 PM-02:45 PM MTWTh CUDAHY, MARY SEM2
01140 EWRT-002-.06 Critical Reading, Writing and Thinking (CLAS) 03:00 PM-05:15 PM MTWTh FORD, MARJORIE L36
11398 EWRT-002-.07 Critical Reading, Writing and Thinking (CLAS) 10:00 AM-12:15 PM MTWTh OLSON, LUCIA AT115
10278 EWRT-002-.61 Critical Reading, Writing and Thinking (CLAS) 05:30 PM-07:45 PM MTWTh FORD, MARJORIE L36
00490 * EWRT-002-.61Z Critical Reading, Writing and Thinking (TBA) TBA TBA HEARN, LYDIA ONLINE

Course Notes (Summer): EWRT-002-.61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

10279 * EWRT-002-.65Z Critical Reading, Writing and Thinking (TBA) TBA TBA HEARN, LYDIA ONLINE

Course Notes (Summer): EWRT-002-.65Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

10809 * EWRT-002-.66Z Critical Reading, Writing and Thinking (TBA) TBA TBA STAFF, M ONLINE
**Course Notes (Summer):** EWRT-002.-66Z. Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

10550  * EWRT-002.-67Z Critical Reading, Writing and Thinking (TBA)  TBA  TBA  LIMCO/LIU/ONLINE

10001  * EWRT-002.-68Z Critical Reading, Writing and Thinking (CLAS)  TBA  TBA  LIMCO/LIU/ONLINE

**Course Notes (Summer):** EWRT-002.-67Z. 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/distance/

**Course Notes (Summer):** EWRT030.01Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays in L42 from 12:30 p.m. - 2:55 p.m. This class also meets online on Wednesdays from 12:30 p.m. - 2:55 p.m. The online portion of the class is conducted via the Catalyst Online system.

**EWRT 30: Introduction to Creative Writing**

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Formerly: (Formerly English Writing 52.) || 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: English Writing 211 and Reading 211 (or Language Arts 211).

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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>00492</td>
<td>* EWRT-030.-01Y Introduction to Creative Writing (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TTh</td>
<td>WEISNER, KENNETH</td>
<td>L42</td>
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<tr>
<td>00492</td>
<td>* EWRT-030.-01Y Introduction to Creative Writing (TBA)</td>
<td>12:30 PM-02:55 PM</td>
<td>TBA</td>
<td>WEISNER, KENNETH</td>
<td></td>
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</table>

**Course Notes (Summer):** EWRT030.01Y: Hybrid course. Access to the Internet is required. This class physically meets on Tuesdays and Thursdays in L42 from 12:30 p.m. - 2:55 p.m. This class also meets online on Wednesdays from 12:30 p.m. - 2:55 p.m. The online portion of the class is conducted via the Catalyst Online system.

**EWRT 211: Preparatory Reading and Writing Skills**

Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter). || Formerly: (Formerly English Writing 100.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Pass/Fail

Requisites: Prerequisite: English Writing 200 and Reading 200 (or Language Arts 200); or a qualifying score on the English Placement Test.

Course Description: Develop the abilities necessary for college-level reading and essay writing. Emphasize writing in response to critical questions about assigned texts.

<table>
<thead>
<tr>
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<td>00500</td>
<td>EWRT-211.-007 Preparatory Reading and Writing Skills (CLAS)</td>
<td>12:30 PM-02:45 PM</td>
<td>MTWTh</td>
<td>BEJARIN, VIVIAN</td>
<td>L73A</td>
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<td>01141</td>
<td>EWRT-211.-01 Preparatory Reading and Writing Skills (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>MTWTh</td>
<td>SLOAN, CYNTHIA</td>
<td>LC82</td>
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<td>00495</td>
<td>EWRT-211.-02 Preparatory Reading and Writing Skills (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>MTWTh</td>
<td>LEWIS, ANNA</td>
<td>S72</td>
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<td>00496</td>
<td>EWRT-211.-03 Preparatory Reading and Writing Skills (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>MTWTh</td>
<td>SLOAN, CYNTHIA</td>
<td>LC82</td>
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<td>00497</td>
<td>EWRT-211.-04 Preparatory Reading and Writing Skills (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>MTWTh</td>
<td>LISHA, SARAH</td>
<td>S41</td>
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<td>00498</td>
<td>EWRT-211.-05 Preparatory Reading and Writing Skills (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>MTWTh</td>
<td>BEJARIN, VIVIAN</td>
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<td>00499</td>
<td>EWRT-211.-06 Preparatory Reading and Writing Skills (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>MTWTh</td>
<td>LEONARD, AMY</td>
<td>E24</td>
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<td>00501</td>
<td>EWRT-211.-08 Preparatory Reading and Writing Skills (CLAS)</td>
<td>12:30 PM-02:45 PM</td>
<td>MTWTh</td>
<td>HANZIMANOLIS, MARGARET</td>
<td>LC82</td>
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<td>10811</td>
<td>EWRT-211.-09 Preparatory Reading and Writing Skills (CLAS)</td>
<td>03:00 PM-05:15 PM</td>
<td>MTWTh</td>
<td>HANZIMANOLIS, MARGARET</td>
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<td>00503</td>
<td>EWRT-211.-61 Preparatory Reading and Writing Skills (CLAS)</td>
<td>06:30 PM-07:45 PM</td>
<td>MTWTh</td>
<td>STAFF, M</td>
<td>L82</td>
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</table>

**EWRT 274: Grammar and Proofreading for Academic Writing**

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as English as a Second Language 274. Students may enroll in either department, but not both, for credit.) || Formerly: (Formerly English Writing 174.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

Requisites: (Recommended for students whose native language is not English and students who wish to improve their grammar and proofreading skills.) Prerequisite: English as a Second Language 261, 262 and 263: English Writing 200.

Course Description: Focus on helping students become successful academic writers by addressing their needs (a) to understand grammatical structures fundamental to college writing and (b) to develop effective proofreading skills.

<table>
<thead>
<tr>
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<tr>
<td>11351</td>
<td>EWRT-274.-01 Grammar and Proofreading for Academic Writing (CLAS)</td>
<td>03:00 PM-05:25 PM</td>
<td>TTh</td>
<td>DUBARRY, MICHELE</td>
<td>L73A</td>
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***** Film and Television Production

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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>00515</td>
<td>F/TV-001.-01 Introduction to Film (CLAS)</td>
<td>09:00 AM-12:50 PM</td>
<td>TTh</td>
<td>TAVERNETTI, SUSAN</td>
<td>AT120</td>
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<td>11211</td>
<td>F/TV-001.-02 Introduction to Film (CLAS)</td>
<td>09:00 AM-12:50 PM</td>
<td>TTh</td>
<td>GOLDMAN, BARAK</td>
<td>AT120</td>
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<tr>
<td>00514</td>
<td>F/TV-001.-01 Introduction to Film (CLAS)</td>
<td>06:00 PM-09:50 PM</td>
<td>MW</td>
<td>MCNAMARA, MARGARET</td>
<td>AT120</td>
<td></td>
</tr>
</tbody>
</table>

**F/TV 1: Introduction to Film**

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: English Writing 1A or English as a Second Language 5.

Course Description: An introduction to the international art of cinema through the techniques and procedures of filmmaking, including screenplay writing, cinematography, directing, editing, and sound; through the formal properties of film, such as mise-en-scene, structure, and style; through the relationships between film and society, and through the critical analysis of works of film art.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
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<th>Instructor</th>
<th>Location</th>
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<tr>
<td>00515</td>
<td>F/TV-001.-01 Introduction to Film (CLAS)</td>
<td>09:00 AM-12:50 PM</td>
<td>TTh</td>
<td>TAVERNETTI, SUSAN</td>
<td>AT120</td>
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</table>

**F/TV 2C: Contemporary World Cinema**

Unit(s): 4 || Hours: Four hours lecture for the four unit course (48 hours total per quarter); four and one-half hours lecture for the four and one-half unit course (54 hours total per quarter). || Formerly: (Formerly Film/Television 95A and 95AW 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.) (Students may enroll in either Film/Television 2C or Film/Television 2CW, but not both for credit.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: Critical survey of contemporary world cinema as art, business, technology and cultural artifact. Provides critical methodology and practical tools for analyzing and interpreting the work of notable film artists, current international film movements and genres, and transnational and globalized media developments. F/TV 2CW will cover expanded topics in historiography, such as problems and approaches to historical film research and analysis.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
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<th>Location</th>
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<tr>
<td>11212</td>
<td>F/TV-002C-01 Contemporary World Cinema (CLAS)</td>
<td>01:00 PM-04:50 PM</td>
<td>TTh</td>
<td>TAVERNETTI, SUSAN</td>
<td>AT120</td>
</tr>
</tbody>
</table>
Course Description: Second Language 272 and 273. and practiced within a cultural framework. Emphasis will be on language as an expression of culture.

Degree applicable

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 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.

CRN  Course Title Time Dates/Days Instructor Location  
10954  Introduction to Electronic Media (CLAS) 01:30 PM-05:20 PM MW GILLETTE, AIMEE AT120

F/TV 20: Basic Digital Film/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: Film/Television 54, 54X, 54Y or 54Z (may be taken concurrently).

Course Description: Digital video production, film-style production techniques including digital video and HD formats: camera operation and procedures, basic principles and techniques of sound and scripting; and film and nonlinear editing.

00518  Basic Digital Film/Video Production (CLAS) 09:00 AM-10:50 AM MTW GILLETTE, AIMEE AT107
00518  Basic Digital Film/Video Production (LAB) 11:00 AM-12:50 PM MTW GILLETTE, AIMEE AT102

F/TV 58S: Film/Television Production Workshop

Unit(s): 24 hours for each unit of credit per quarter.

Requisites: Prerequisite: Film/Television 20.

Course Description: A workshop in film or video production in which the student works independently, or with a crew, to produce a film or video to refine skills in camera, lighting, directing, post-production, and other related skills. The number of units is dependent on the production.

10970  Film/Television Production Workshop (CLAS) 03:00 PM-06:50 PM T IRWIN, DENNIS AT107

F/TV 60A: Screenwriting Fundamentals for Film/Video I

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: English Writing 1A or English as a Second Language 5.

Course Description: Introduction to scriptwriting for film and video; the role of the script in media production; format and structure in the script; the basic skills of scriptwriting for fiction and nonfiction.

10995  Screenwriting Fundamentals for Film/Video I (CLAS) 02:00 PM-05:50 PM MW GILLETTE, AIMEE AT115

F/TV 66A: Basic Techniques of Animation: 3D Media

Unit(s): 3  |  Hours: Two and one-half hours lecture, one and one-half hours laboratory (48 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: Requisite/Advisory: None.

Course Description: Techniques of three-dimensional stop-motion and non-cel animation, as applied to a variety of art media (puppet, clay, pixillation, shadow puppets and other under-camera art media). Principles of movement and timing, lighting and cinematography, and multiplane dimensionality, with application to both computer and traditional drawn animation.

11216  Basic Techniques of Animation: 3D Media (CLAS) 01:00 PM-03:15 PM MW MCNAMARA, MARTIN AT107
11216  Basic Techniques of Animation: 3D Media (LAB) 03:30 PM-04:45 PM MW MCNAMARA, MARTIN AT107

***** French

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<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<tr>
<td>10853</td>
<td>FREN-001.-01</td>
<td>Elementary French (First Quarter) (CLAS)</td>
<td>07:30 AM-09:45 AM</td>
<td>MTWTh</td>
<td>THAO, CHANTAL</td>
<td>L61</td>
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***** Geography

<table>
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<td>11344</td>
<td>FREN-003.-01</td>
<td>Elementary French (Third Quarter) (CLAS)</td>
<td>10:00 AM-12:15 PM</td>
<td>MTWTh</td>
<td>THAO, CHANTAL</td>
<td>L32</td>
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</tbody>
</table>
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: English Writing 1A or English as a Second Language 5; Mathematics 210 or equivalent.

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.)

10156  GEO-001-01  Physical Geography (CLAS)  12:30 PM-02:25 PM  MTW  RORHMEIER, KERRY  L23
11224  GEO-001-61  Physical Geography (CLAS)  06:00 PM-08:25 PM  TWTh  LIENSO, ALEMAYEHU  L23

GEO 4: Cultural Geography
Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Formerly: (Formerly Geography 50.)  ||  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: English Writing 1A or English as a Second Language 5; Mathematics 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.

10958  GEO-004-01  Cultural Geography (CLAS)  10:00 AM-12:25 PM  MTW  RORHMEIER, KERRY  L23

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: English Writing 1A or English as a Second Language 5; Mathematics 210 or equivalent.

Course Description:  An introduction to the location of people and activities throughout the world and understanding the reasons for their distribution.  Topics covered include population and migration, human-environment relationships, geographies of language, religion, race and ethnicity, economic activities, political organization and settlement patterns including the urban environment.

10096  *GEO-010-61Z  World Regional Geography (TBA)  TBA  TBA  OHALLORAN, EILEEN  ONLINE
11186  *GEO-010-65Z  World Regional Geography (TBA)  TBA  TBA  OHALLORAN, EILEEN  ONLINE

***** Geology

CRN  Course  Title  Time  Dates/Days  Instructor  Location

GEO 10: Introductory Geology
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.)  Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.  Examining the location of people and activities throughout the world and understanding the reasons for their distribution.  Topics covered include population and migration, human-environment relationships, geographies of language, religion, race and ethnicity, economic activities, political organization and settlement patterns including the urban environment.

00530  GEO-010-01  Introductory Geology (CLAS)  09:00 AM-10:50 AM  MTWTh  DILEONARDO, CHRISTOPHER  S15
00530  GEO-010-01  Introductory Geology (LAB)  11:00 AM-12:15 PM  MTWTh  DILEONARDO, CHRISTOPHER  S15

GEO 20: General Oceanography
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:  None.  Examining the location of people and activities throughout the world and understanding the reasons for their distribution.  Topics covered include population and migration, human-environment relationships, geographies of language, religion, race and ethnicity, economic activities, political organization and settlement patterns including the urban environment.

11001  GEO-020-01  General Oceanography (CLAS)  12:30 PM-02:20 PM  MTWTh  DILEONARDO, CHRISTOPHER  S15

***** History

CRN  Course  Title  Time  Dates/Days  Instructor  Location

HIST 3A: World History
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: English Writing 1A or English as a Second Language 5.  Course Description:  Beginning with late prehistoric times and covering to 750 Common Era (C.E.), focusing on the world's ancient 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.
HIST 3B: World History

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: English Writing 1A or English as a Second Language 5.

Course Description: Beginning with 750 C.E. and covering to 1750 Common Era (C.E.), focusing on the convergence of 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.

REQUIRED orientation available at http://deanza.edu/distance/

CRN Course Title Time Dates/Days Instructor Location
00534 HIST-003A-01 World History (CLAS) 12:30 PM-02:55 PM TWTh WHITE, WENDY L66
00535 HIST-003A-61 World History (CLAS) 06:00 PM-08:25 PM TWTh JACKMAN, RASHI MLC260
10224 * HIST-003A-61Z World History (TBA) TBA TBA STEVENS, MARGARET ONLINE

HIST 3C: World History

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: English Writing 1A or English as a Second Language 5.

Course Description: Beginning with 1750 Common Era (C.E.) 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.

10168 HIST-003C-01 World History (CLAS) 07:30 AM-09:55 AM TWTh FINELL, JOHN MLC260
00538 HIST-003C-02 World History (CLAS) 12:30 PM-02:55 PM TWTh KLINE, BEN MCC-17

HIST 4A: 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.) Advisory: English Writing 1A or English as a Second Language 5.

Course Description: The development of Western culture from its origins in the Near East through the Hellenistic era, with an emphasis on the growth of ancient Greek rationalism.

00539 HIST-004A-01 History of Western Civilization (CLAS) 10:00 AM-12:25 PM TWTh JACKMAN, RASHI G1

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.) Advisory: English Writing 1A or English as a Second Language 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.

11267 HIST-017A-01 History of the United States to Early National Era (CLAS) 10:00 AM-12:25 PM TWTh HOWARD-PITNEY, DAVID MLC105
10662 HIST-017A-02 History of the United States to Early National Era (CLAS) 12:30 PM-02:55 PM TWTh JACKSON, CHRISTOPHER S75
00543 * HIST-017A-61Z History of the United States to Early National Era (TBA) TBA TBA MUJAL, CARLOS ONLINE

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.) Advisory: English Writing 1A or English as a Second Language 5.

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

11265 HIST-017B-01 History of the United States from 1800 to 1900 (CLAS) 10:00 AM-12:25 PM TWTh HAMER, JOHN MLC260
00544 HIST-017B-02 History of the United States from 1800 to 1900 (CLAS) 03:00 PM-05:25 PM TWTh HAMER, JOHN S75

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.) Advisory: English Writing 1A or English as a Second Language 5.

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

01106 HIST-017C-01 History of the United States from 1900 to the Present (CLAS) 07:30 AM-09:55 AM TWTh IGNOFFO, MARY MLC110
11266 HIST-017C-02 History of the United States from 1900 to the Present (CLAS) 10:00 AM-12:25 PM TWTh JACKSON, CHRISTOPHER S75
00546 HIST-017C-61 History of the United States from 1900 to the Present (TBA) TBA TBA MUJAL, CARLOS G1
00547 * HIST-017C-61Z History of the United States from 1900 to the Present (TBA) TBA TBA HOWARD-PITNEY, DAVID ONLINE

Course Notes (Summer): HIST-017C-61Z: Online course. Access to a computer, the Web, an individual e-mail address and a high-speed internet connection is required. Information on REQUIRED orientation available at http://deanza.edu/distance/
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: English Writing 1A or English as a Second Language 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.
Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.
Course Notes (Summer): HLTH-021.-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/distance/

***** Health Technologies

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<tr>
<th>CRN</th>
<th>Course</th>
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<th>Time</th>
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<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
</table>
|       | HTEC 50: Introduction to Health Technologies | Unit(s): 1 || Hours: Two hours lecture-laboratory (24 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade
Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 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.
Advisory: English Writing 1A or English as a Second Language 5.
Course Notes (Summer): HTEC-050.-01. Class meets twelve weeks: July 1-Sept 18. To enroll in this class there is a selective admission process. For admission information email HTEC Program Director: miramontesmaureen@fhda.edu

<table>
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<tr>
<th>CRN</th>
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<th>Location</th>
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</thead>
</table>
|       | 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: Health Technologies 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.
Advisory: Health Technologies 60A.
Course Notes (Summer): HTEC-060A-01. Application of medical terminology to the following body systems: digestive, urinary, reproductive, nervous, integumentary, sensory organs, and radiology.

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<th>Location</th>
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</thead>
</table>
|       | HTEC 60G: Advanced Medical Terminology | 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: Advisory: Health Technologies 60A.
Course Description: Application of medical terminology to the following body systems: digestive, urinary, reproductive, nervous, integumentary, sensory organs, and radiology.
Advisory: Health Technologies 60A.
Course Notes (Summer): HTEC-060G-01. Practical medical reception experience in medical clinics.

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<th>Instructor</th>
<th>Location</th>
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</table>
|       | 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: Health Technologies 60A, 71 and 73.
Course Description: Practical medical reception experience in medical clinics.
Advisory: Health Technologies 60A.
Course Notes (Summer): HTEC-068.-55F. Class meets twelve weeks: July 1-Sept 18. To enroll in this class there is a selective admission process. For admission information email HTEC Program Director: miramontesmaureen@fhda.edu

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<tr>
<th>CRN</th>
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<th>Instructor</th>
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</table>
|       | HTEC 73: Medical Law and Ethics | Unit(s): 1/2 || Hours: Three hours lecture-laboratory (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: Health Technologies 60A.
Course Description: Medical ethics, medical practice acts, legal relationship of patient and physician, legal responsibilities of the health technology team member, professional liability, physician’s civic duties and arbitration.

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<th>CRN</th>
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<th>Location</th>
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</thead>
</table>
|       | HTEC 75: Medical Office Management | Unit(s): 1 1/2 || Hours: Three hours lecture-laboratory (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: Health Technologies 60A and 72.
Course Description: Advanced administrative skills including computerized accounts management duties of the medical office manager, personnel recruitment and training, financial management, office policy and procedure manuals, editorial and research duties and meeting arrangements.

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<th>Title</th>
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<th>Instructor</th>
<th>Location</th>
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</thead>
</table>
|       | 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
Requisites: Prerequisite: Accounting 1A; and Biology 54G, 54H, 54I, 54J; and Health Technologies 50, 60A, 60G, 60H, 61, 64A, 64B, 68, 71, 72, 73, 74, 75, 90G, 90H, 91,
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<th>End Date</th>
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<tr>
<td>HTEC 96A</td>
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<td>144</td>
<td>06/30/2014</td>
<td>09/18/2014</td>
<td>MIRAMONTES, MAUREEN</td>
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<td>HTEC 96B</td>
<td>Medical Secretarial Externship</td>
<td>144</td>
<td>06/30/2014</td>
<td>09/18/2014</td>
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<td>TBA</td>
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<tr>
<td>HTEC 96C</td>
<td>Medical File Clerk Externship</td>
<td>144</td>
<td>06/30/2014</td>
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<tr>
<td>HTEC 96D</td>
<td>Medical Record Clerk Externship</td>
<td>144</td>
<td>06/30/2014</td>
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<tr>
<td>HTEC 96E</td>
<td>Business Office Clerk Externship</td>
<td>144</td>
<td>06/30/2014</td>
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<tr>
<td>HTEC 96F</td>
<td>Insurance and Coding Externship</td>
<td>144</td>
<td>06/30/2014</td>
<td>09/18/2014</td>
<td>MIRAMONTES, MAUREEN</td>
<td>TBA</td>
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</tbody>
</table>

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

**Prerequisites:** Health Technologies 50, 60A and 73.

**Course Description:** Medical file clerk practical experience in medical facilities.

**Prerequisites:** Health Technologies 50, 60A and 73.

**Course Description:** Medical record clerk practical experience in medical facilities.

**Prerequisites:** Health Technologies 50, 60A and 73.

**Course Description:** Business office clerk practical experience in medical facilities.

**Prerequisites:** Health Technologies 50, 60A and 73.

**Course Description:** Phlebotomy Technician I practical experience in medical facilities.

**Prerequisites:** Health 57A, 57E; and Health Technologies 50, 64A, 64B, 73 and 101A.

**Program Status:** Program Applicable
### HTEC 96G: Medical Transcription Externship

- **Units:** 4
- **Hours:** Eighteen hours laboratory (216 hours total per quarter).
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **Course Description:** Lab assisting practical experience in medical facilities.
- **Formerly:** Health Technology 284.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<th>End Date</th>
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<tr>
<td>11385</td>
<td># HTEC-096G-55F Medical Transcription Externship (TBA)</td>
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### HTEC 96H: EKG Externship

- **Units:** 4
- **Hours:** Twelve hours laboratory (144 hours total per quarter).
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **Course Description:** Lab assisting practical experience in medical facilities.
- **Formerly:** Health Technology 283.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Grade</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>10644</td>
<td># HTEC-096H-55F EKG Externship (TBA)</td>
<td>TBA</td>
<td>06/30/2014</td>
<td>09/18/2014</td>
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</table>

### HTEC 180: Clinical Hematology/Urinalysis/Coagulation Practicum

- **Units:** 6
- **Hours:** Eighteen hours laboratory (216 hours total per quarter).
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **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 take place at a clinical affiliate site that will be assigned by the MLT (Medical Laboratory Technician) Program Director.
- **Formerly:** Health Technology 285.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Grade</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>10645</td>
<td># HTEC-180-55F Clinical Hematology/Urinalysis/Coagulation Practicum (TBA)</td>
<td>TBA</td>
<td>06/30/2014</td>
<td>09/18/2014</td>
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### HTEC 183: Clinical Microbiology Practicum

- **Units:** 6
- **Hours:** Eighteen hours laboratory (216 hours total per quarter).
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **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 assigned by the MLT (Medical Laboratory Technician) Program Director.
- **Formerly:** Health Technology 283.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Grade</th>
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<td>10646</td>
<td># HTEC-183-55F Clinical Microbiology Practicum (TBA)</td>
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<td>06/30/2014</td>
<td>09/18/2014</td>
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### HTEC 184: Clinical Immunology/Immunohematology Practicum

- **Units:** 4 1/2
- **Hours:** Thirteen and one-half hours laboratory (162 hours total per quarter).
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **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 assigned by the MLT (Medical Laboratory Technician) Program Director.
- **Formerly:** Health Technology 284.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Grade</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>10647</td>
<td># HTEC-184-55F Clinical Immunology/Immunohematology Practicum (TBA)</td>
<td>TBA</td>
<td>06/30/2014</td>
<td>09/18/2014</td>
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### HTEC 185: Clinical Chemistry Practicum

- **Units:** 6
- **Hours:** Eighteen hours laboratory (216 hours total per quarter).
- **Program Status:** Program Applicable
- **Credit Status:** Credit - Degree applicable
- **Grading Method:** Letter Grade
- **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 take place at a clinical affiliate site that will be assigned by the MLT (Medical Laboratory Technician) Program Director.
- **Formerly:** Health Technology 285.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<tr>
<td>00563</td>
<td># HTEC-185-55F Clinical Chemistry Practicum (TBA)</td>
<td>TBA</td>
<td>06/30/2014</td>
<td>09/18/2014</td>
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***** Human Development

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<tr>
<th>CRN</th>
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<th>Time</th>
<th>Dates/ Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>10664</td>
<td>HUMI-001.-01</td>
<td>Creative Minds (CLAS)</td>
<td>07:30 AM-09:55 AM</td>
<td>TWTh</td>
<td>JACKMAN, RASHI</td>
<td>G4</td>
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<td>00568</td>
<td>HUMI-001.-02</td>
<td>Creative Minds (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>TWTh</td>
<td>WHITE, WENDY</td>
<td>L27</td>
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<td>10172</td>
<td>HUMI-001.-03</td>
<td>Creative Minds (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TWTh</td>
<td>RUEDA, ALYSIA</td>
<td>G4</td>
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<tr>
<td>10962</td>
<td>HUMI-001.-04</td>
<td>Creative Minds (CLAS)</td>
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<td>TWTh</td>
<td>RUEDA, ALYSIA</td>
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<tr>
<td>11239</td>
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<td>Creative Minds (CLAS)</td>
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<td>TWTh</td>
<td>MISCHKE, JOHN</td>
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<td>HUMI-001.-61Z</td>
<td>Creative Minds (CLAS)</td>
<td>TBA</td>
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<td>HOFFMAN, BARBARA</td>
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Course Notes (Summer): HUMI-001.-61Z. Online course. Access to e-mail and the Internet also required. Information on REQUIRED orientation available at http://deanza.edu/distance/education/summer...

***** Humanities

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<td>11240</td>
<td>HUMI-006.-01</td>
<td>Popular Culture (CLAS)</td>
<td>10:00 AM-12:25 PM</td>
<td>TWTh</td>
<td>MISCHKE, JOHN</td>
<td>G4</td>
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<td>00570</td>
<td>HUMI-006.-02</td>
<td>Popular Culture (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TWTh</td>
<td>GALINDO, JAVIER</td>
<td>L21</td>
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Course Notes: HUMI-006.01: Concurrent enrollment in Coun 200FY.

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<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
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<tr>
<td>10226</td>
<td>HUMI-007.-61Z</td>
<td>The Arts and the Human Spirit (CLAS)</td>
<td>TBA</td>
<td>TBA</td>
<td>CLINCHARD, LORI</td>
<td>ONLINE</td>
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</table>

Course Notes: HUMI-007.61Z: Online course. Access to e-mail and the Internet also required. Information on REQUIRED orientation available at http://deanza.edu/distance/education/summer...
### 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.) Advisory: English Writing 1A or English as a Second Language 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, 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.

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<th>Time</th>
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<th>Instructor</th>
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<td>01104</td>
<td>HUMI-009.-61Z Introduction to Comparative Religion (CLAS)</td>
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### 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: English Writing 1A or English as a Second Language 5.

**Course Description:** Intercultural 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.

<table>
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<tr>
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<th>Course Title</th>
<th>Time</th>
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<td>TWTh</td>
<td>BERNEY, APRYL</td>
<td>PE12U</td>
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<td>11238</td>
<td>HUMI-016.-61Z Arts, Ideas and Values (CLAS)</td>
<td>TBA</td>
<td>TBA</td>
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### Intercultural Studies

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<tr>
<td>10150</td>
<td>ICS -004.-61Y Race, Ethnicity and Inequality</td>
<td>06:00 PM-09:50 PM</td>
<td>T</td>
<td>CHOI, SOO</td>
<td>MLC113</td>
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<td>10150</td>
<td>ICS -004.-61Y Race, Ethnicity and Inequality (TBA)</td>
<td>TBA</td>
<td>TBA</td>
<td>CHOI, SOO</td>
<td>ONLINE</td>
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### 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 Sociology 4. 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: English Writing 1A or English as a Second Language 5.

**Course Description:** An interdisciplinary examination of major concepts and controversies in 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.

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<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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<td>ICS -005.-01 History of Art (Multicultural Arts in the United States) (CLAS)</td>
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<td>CAGDE-MOORE, CATIE</td>
<td>MCC-10</td>
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<tr>
<td>10129</td>
<td>ICS -005.-61Z History of Art (Multicultural Arts in the United States) (CLAS)</td>
<td>TBA</td>
<td>TBA</td>
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### ICS 7: Intercultural Communication

**Unit(s):** 4  ||  **Hours:** Four hours lecture (48 hours total per quarter).  ||  **Also Listed As:** (Also listed as Speech Communication 7. 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: English Writing 1A or English as a Second Language 5.

**Course Description:** Study of intercultural communication in domestic and global contexts. Examines how differing cultures, languages, and social patterns influence the way members of groups relate among themselves and with members of other ethnic and cultural groups. Emphasizes development of interpersonal skills for communicating effectively across cultures and encourages appreciation of diverse cultural voices.

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<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Dates/Days</th>
<th>Instructor</th>
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<td>00587</td>
<td>ICS -007.-01 Intercultural Communication (CLAS)</td>
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<td>TWTh</td>
<td>COLE, CONSTANCE</td>
<td>MCC-12</td>
</tr>
<tr>
<td>00588</td>
<td>ICS -007.-02 Intercultural Communication (CLAS)</td>
<td>12:30 PM-02:55 PM</td>
<td>TWTh</td>
<td>COLE, CONSTANCE</td>
<td>MCC-12</td>
</tr>
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### ICS 8: Women of Color in the USA

**Unit(s):** 4  ||  **Hours:** Four hours lecture (48 hours total per quarter).  ||  **Also Listed As:** (Also listed as Women's Studies 8. 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**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.
ICS 11: The Roots of the African American Experience

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: English Writing 1A or English as a Second Language 5.

Course Description: An interdisciplinary course utilizing the award-winning docudrama "Roots: The Saga of an American Family". An historical and aesthetic analysis of people of African descent in the United States. Emphasis on the colonial period, antebellum era, the Civil War and reconstruction period.

ICS 20: Asian American Experiences in History

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: English Writing 1A or English as a Second Language 5.

Course Description: Experiences of Asian immigrant communities in the United States from the 19th Century to the Asian American Movement of the late 1960s.

ICS 22: Contemporary Issues in the 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: English Writing 1A or English as a Second Language 5.

Course Description: Experiences of contemporary Asian Americans are examined in terms of issues such as identity, community, youth, and empowerment, with an interdisciplinary approach based on Asian American Studies and the social sciences.

ICS 27: Grassroots Democracy: Leadership and Power

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as Political Science 17. 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: English Writing 1A or English as a Second Language 5.

Course Description: Applied and theoretical training for students of social justice, this course is a multidisciplinary exploration of social change and popular democratic action with a focus on the meaning and development of political power in modern democracies. Topics to be explored include: gender and race sensitive approaches to leadership style, institutional and mass forums for civic engagement, mass recruitment and mobilization, consciousness development, democratic ethics, and strategic and tactical action.

ICS 77X: Special Projects in Intercultural 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: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Prerequisite: Consent of instructor and division dean.

Course Description: Specific reading, writing or study projects within the discipline of Intercultural Studies.

***** Second Language 272 and 273

Course Description:
Second Language 272 and 273.

Requisites:
Degree applicable

***** International Studies

CRN Course Title Time Dates/Instructor Location

INTL 10: History of Art (Arts of Asia)
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as Arts 2G. 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: English Writing 1A or English as a Second Language 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.

00605 INTL-010.-01 History of Art (Arts of Asia) (CLAS) 10:00 AM-12:25 PM TWTh MAKHOU, SANA MCC-10

***** Japanese

CRN Course Title Time Dates/Instructor Location

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description:
A survey of the mass media and measurement of its impact on culture and society. Mass media effects on global and American institutions. Theories of mass communications in the context of each medium: books, newspapers, magazines, movies, radio, recordings, television and the Internet. Ethical and legal implications of media and their effects on the individual and society. Influences of the media on gender, ethnic and minority issues.

01085 JAPN-001.-01 Elementary Japanese (First Quarter) (CLAS) 10:00 AM-12:15 PM MTWTh KUO, MIN-JIN L61

***** Journalism

CRN Course Title Time Dates/Instructor Location

JOUR 2: Mass Communication and Its Impact On 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: English Writing 1A or English as a Second Language 5.

Course Description:
A survey of the mass media and measurement of its impact on culture and society. Mass media effects on global and American institutions. Theories of mass communications in the context of each medium: books, newspapers, magazines, movies, radio, recordings, television and the Internet. Ethical and legal implications of media and their effects on the individual and society. Influences of the media on gender, ethnic and minority issues.

00612 JOUR-002.-01 Mass Communication and Its Impact On Society (CLAS) 10:00 AM-12:25 PM TWTh MALATESTA, SUNNY L42

00613 JOUR-002.-61Z Mass Communication and Its Impact On Society (CLAS) TBA TBA MCELROY, GAIL ONLINE

Course Notes (Summer): JOUR-002.-61Z Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

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). || Formerly: (Formerly Journalism 70W, 70X, 70Y and 70Z 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:
Special research, writing or study projects in Journalism as determined in consultation with the department chair. (Complexity of project determines number of units assigned.)

00629 JOUR-077W-65R Special Projects in Journalism (TBA) TBA TBA DECK, CAECELIA L41

Course Notes (Summer): JOUR-077W-65R: See instructor to enroll.

***** Korean

CRN Course Title Time Dates/Instructor Location

KORE 1: Elementary Korean (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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

10855 KORE-001.-01 Elementary Korean (First Quarter) [CLAS] 03:00 PM-05:15 PM MTWTh LEE, YU L65

****** Language Arts

CRN Course Title Time Dates/Days Instructor Location

LART 211: Integrated Reading and Writing

Unit(s): 10 || Hours: Ten hours lecture (120 hours total per quarter). || Formerly: (Formerly Language Arts 100.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Pass/Fail

Requisites: Prerequisite: English Writing 200 and Reading 200 (or Language Arts 200), or a qualifying score on the Reading and Writing Placement Test.

Course Description: Integration of reading and writing skills necessary for success in college level courses. Emphasis on analysis and criticism of assigned readings and written responses to critical questions about those readings.

11006 LART-211.-01D Integrated Reading and Writing (CLAS) 10:00 AM-02:55 PM MTWTh MALAVADE, KIRAN MLC112

Course Notes (Summer): LART-211.-01D: LEARNING COMMUNITY to learn more, please visit www.deanza.edu/linc or contact Matt Abrahams at abrahamsmath@deanz.edu.

****** Mathematics

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.) Prerequisite: Mathematics 43 (with a grade of C or better), or appropriate score on Calculus Placement Test within the past calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Fundamentals of differential calculus.

11014 MATH-001A-01 Calculus (CLAS) 07:30 AM-09:45 AM MTWTh MOSH, FARSHOD E31

Course Notes (Summer): MATH-001A-01: TI-83 Plus/TI-84 Plus calculator recommended.

00655 MATH-001A-03 Calculus (CLAS) 10:00 AM-12:15 PM MTWTh BAMBHANIA, DOLI G5

Course Notes (Summer): MATH-001A-03: TI-83 Plus/TI-84 Plus calculator recommended.

00656 MATH-001A-05 Calculus (CLAS) 03:00 PM-05:15 PM MTWTh TRAN, DANNY S54

Course Notes (Summer): MATH-001A-05: TI-83 Plus/TI-84 Plus calculator recommended.

10147 MATH-001A-06 Calculus (CLAS) 12:30 PM-02:45 PM MTWTh BAMBHANIA, DOLI G5

Course Notes (Summer): MATH-001A-06: TI-83 Plus/TI-84 Plus calculator recommended.

11390 MATH-001A-07 Calculus (CLAS) 12:30 PM-02:45 PM MTWTh STAFF, M G1

Course Notes (Summer): MATH-001A-07: TI-83 Plus/TI-84 Plus calculator recommended.

00658 MATH-001A-01 Calculus (CLAS) 05:30 PM-07:45 PM MTWTh LE, HUONG MLC108

Course Notes (Summer): MATH-001A-01: TI-83 Plus/TI-84 Plus calculator recommended.

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.) Prerequisite: Mathematics 1A. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Fundamentals of integral calculus.

00659 MATH-001B-03 Calculus (CLAS) 10:00 AM-12:15 PM MTWTh MOSH, FARSHOD E31

Course Notes (Summer): MATH-001B-03: TI-83 Plus/TI-84 Plus calculator recommended.

00660 MATH-001B-05 Calculus (CLAS) 12:30 PM-02:45 PM MTWTh SHI, KEJIAN E32

Course Notes (Summer): MATH-001B-05: TI-83 Plus/TI-84 Plus calculator recommended.

00661 MATH-001B-07 Calculus (CLAS) 03:00 PM-05:15 PM MTWTh WHEELER, DANIEL E33

Course Notes (Summer): MATH-001B-07: TI-83 Plus/TI-84 Plus calculator recommended.

11349 MATH-001B-09 Calculus (CLAS) 03:00 PM-05:15 PM MTWTh SHAH, HEMENDRA G5

Course Notes (Summer): MATH-001B-09: TI-83 Plus/TI-84 Plus calculator recommended.

2020 MATH-001B-61 Calculus (CLAS) 05:30 PM-07:45 PM MTWTh TAYLOR, RODERIC S45

Course Notes (Summer): MATH-001B-61: TI-83 Plus/TI-84 Plus calculator recommended.

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.) Prerequisite: Mathematics 1B (with a grade of C or better) or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00663 MATH-001C-01 Calculus (CLAS) 07:30 AM-09:45 AM MTWTh KLEIN, CHARLES E33

Course Notes (Summer): MATH-001C-01: TI-83 Plus/TI-84 Plus calculator recommended.

10148 MATH-001C-05 Calculus (CLAS) 12:30 PM-02:45 PM MTWTh KHOJOSRA维, MEHRDAD E36

Course Notes (Summer): MATH-001C-05: TI-83 Plus/TI-84 Plus calculator recommended.

10885 MATH-001C-06 Calculus (CLAS) 03:00 PM-05:15 PM MTWTh KHOJOSRA维, MEHRDAD E36

Course Notes (Summer): MATH-001C-06: 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.) Prerequisite: Mathematics 1C (with a grade of C or better) or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Partial derivatives, multiple integrals, vector calculus.

Grading Method: Letter Grade

Course Notes (Summer): MATH-010D-03: TI-83 Plus/TI-84 Plus calculator recommended.

00665 MATH-010D-03 Calculus (CLAS) 10:00 AM-12:15 PM MTWTh BOURGOUB, HASSAN E36

Course Notes (Summer): MATH-010D-61: Online course with video component and four 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.

Math 2014 on-campus meeting times and dates are:
- Exam 1: 6:00pm - 7:30pm, Wednesday 07/09, MLC-105
- Exam 2: 6:00pm - 7:30pm, Wednesday 07/23, MLC-105
- Final: 6:00pm - 8:00pm, Wednesday 08/06, MLC-105

00666 MATH-010D-61 Calculus (CLAS) 05:30 PM-07:45 PM MTWTh PETERSON, SCOTT E36

Course Notes (Summer): MATH-010D-61: TI-83 Plus/TI-84 Plus calculator recommended.

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.) Prerequisite: Mathematics 1D with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Ordinary differential equations and selected applications.

Grading Method: Letter Grade

Course Notes (Summer): MATH-002A-03: TI-83 Plus/TI-84 Plus calculator recommended.

00667 MATH-002A-03 Differential Equations (CLAS) 07:30 AM-09:45 AM MTWTh SHI, KEJIAN E34

Course Notes (Summer): MATH-002A-01: TI-83 Plus/TI-84 Plus calculator recommended.

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.) Prerequisite: Mathematics 1D with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Linear algebra and selected topics of mathematical analysis.

Grading Method: Letter Grade

Course Notes (Summer): MATH-002B-01: TI-83 Plus/TI-84 Plus calculator recommended.

00668 MATH-002B-01 Linear Algebra (CLAS) 10:00 AM-12:15 PM MTWTh KRYLIOUK, IAROSLAV E32

Course Notes (Summer): MATH-002B-01: TI-83 Plus/TI-84 Plus calculator recommended.

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.) Prerequisite: Mathematics 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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, the sciences, and those pertaining to issues of contemporary interest. The use of technology (computers or graphing calculators) will be required in many applications. Where appropriate, the contributions to the development of statistics by men and women from diverse cultures will be introduced.

Grading Method: Letter Grade

Course Notes (Summer): MATH-010-01: TI-83 Plus/TI-84 Plus calculator recommended.

10979 MATH-010-01 Elementary Statistics and Probability (CLAS) 07:30 AM-09:45 AM MTWTh TAYLOR, RODERIC MLC108

Course Notes (Summer): MATH-010-02: TI-83 Plus/TI-84 Plus calculator recommended.

00670 MATH-010-02 Elementary Statistics and Probability (CLAS) 07:30 AM-09:45 AM MTWTh SADEGH-HASSANVAND, BIJAN G7

Course Notes (Summer): MATH-010-02: TI-83 Plus/TI-84 Plus calculator recommended.

00671 MATH-010-03 Elementary Statistics and Probability (CLAS) 12:30 PM-02:45 PM MTWTh GERAGHTY, MAURICE S16

Course Notes (Summer): MATH-010-03: TI-83 Plus/TI-84 Plus calculator recommended.

00673 MATH-010-05 Elementary Statistics and Probability (CLAS) 10:00 AM-12:15 PM MTWTh GERAGHTY, MAURICE S44

Course Notes (Summer): MATH-010-05: TI-83 Plus/TI-84 Plus calculator recommended.

00675 MATH-010-07 Elementary Statistics and Probability (CLAS) 03:00 PM-05:15 PM MTWTh MARKUS, LISA E31

Course Notes (Summer): MATH-010-07: TI-83 Plus/TI-84 Plus calculator recommended.

00676 MATH-010-08 Elementary Statistics and Probability (CLAS) 10:00 AM-12:15 PM MTWTh SADEGH-HASSANVAND, BIJAN G7

Course Notes (Summer): MATH-010-08: TI-83 Plus/TI-84 Plus calculator recommended.

10549 MATH-010-10 Elementary Statistics and Probability (CLAS) 12:30 PM-02:45 PM MTWTh MARKUS, LISA E31

Course Notes (Summer): MATH-010-10: TI-83 Plus/TI-84 Plus calculator recommended.

11393 MATH-010-11 Elementary Statistics and Probability (CLAS) 03:00 PM-05:15 PM MTWTh CAO, MICHAEL S46

Course Notes (Summer): MATH-010-11: TI-83 Plus/TI-84 Plus calculator recommended.

00677 * MATH-010-61Z Elementary Statistics and Probability (CLAS) TBA TBA ILOWSKY, BARBARA ONLINE

Course Notes (Summer): MATH-010-61Z: Online course with video component and four 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.

Math 2014 on-campus meeting times and dates are:
- Exam 1: 6:00pm - 7:30pm, Wednesday 07/09, MLC-105
- Exam 2: 6:00pm - 7:30pm, Wednesday 07/23, MLC-105
- Final: 6:00pm - 8:00pm, Wednesday 08/06, MLC-105

11330 MATH-010-62 Elementary Statistics and Probability (CLAS) 05:30 PM-07:45 PM MTWTh CAO, MICHAEL S46

Course Notes (Summer): MATH-010-62: TI-83 Plus/TI-84 Plus calculator recommended.

10135 MATH-010-63 Elementary Statistics and Probability (CLAS) 05:30 PM-07:45 PM MTWTh SALES, PARVIZ E31

Course Notes (Summer): MATH-010-63: TI-83 Plus/TI-84 Plus calculator recommended.

00679 * MATH-010-65Z Elementary Statistics and Probability (CLAS) TBA TBA ILOWSKY, BARBARA ONLINE

Course Notes (Summer): MATH-010-65Z: Online course with video component and four 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.
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 Mathematics 114 or equivalent with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00683 MATH-011.-03 Finite Mathematics (CLAS) 07:30 AM-09:45 AM MTWTh HANSEN, JOEL S16

Course Notes (Summer): MATH-011.-03: TI-83 Plus/TI-84 Plus calculator recommended.

11331 MATH-011.-05 Finite Mathematics (CLAS) 10:00 AM-12:15 PM MTWTh STAFF, M L81

Course Notes (Summer): MATH-011.-05: TI-83 Plus/TI-84 Plus calculator recommended.

10864 MATH-011.-07 Finite Mathematics (CLAS) 03:00 PM-05:15 PM MTWTh PHELPS, ANDREW S16

Course Notes (Summer): MATH-011.-07: TI-83 Plus/TI-84 Plus calculator recommended.

00684 MATH-011.-63 Finite Mathematics (CLAS) 05:30 PM-07:45 PM MTWTh REZVANI, MOHAMAD S54

Course Notes (Summer): MATH-011.-63: 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: Mathematics 43 with a grade of C or better, or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00686 MATH-022.-03 Discrete Mathematics (CLAS) 10:00 AM-12:15 PM MTWTh NJINIMBAM, EDWIN S46

11195 MATH-022.-27 Discrete Mathematics (CLAS) 03:00 PM-05:15 PM MTWTh VANNIASEGARAM, SITHPARRAN S45

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: Mathematics 41 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the past calendar year; or Mathematics 41 (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the past calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to limits, differentiation, and integration of single variable functions. Differentiation of multivariate functions. Applications in business, economics, and social science.

11332 MATH-012.-01 Introductory Calculus for Business and Social Science (CLAS) 07:30 AM-09:45 AM MTWTh LEGGE, VICTOR MLC109

Course Notes (Summer): MATH-012.-01: TI-83 Plus/TI-84 Plus calculator recommended.

00685 MATH-012.-61 Introductory Calculus for Business and Social Science (CLAS) 05:30 PM-07:45 PM MTWTh SHAH, HEMENDRA G5

Course Notes (Summer): MATH-012.-61: TI-83 Plus/TI-84 Plus calculator recommended.

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.) Prerequisite: Mathematics 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Polynomial, rational, exponential and logarithmic functions, graphs, solving equations.

10136 MATH-041.-01 Precalculus I: Theory of Functions (CLAS) 07:30 AM-09:45 AM MTWTh BOURGOUB, HASSAN E36

10137 MATH-041.-03 Precalculus I: Theory of Functions (CLAS) 10:00 AM-12:15 PM MTWTh VANNIASEGARAM, SITHPARRAN MLC109

Course Notes (Summer): MATH-041.-03: TI-83 Plus/TI-84 Plus calculator recommended.

11198 MATH-041.-04 Precalculus I: Theory of Functions (CLAS) 10:00 AM-12:15 PM MTWTh STAFF, M SC1102

Course Notes (Summer): MATH-041.-04: TI-83 Plus/TI-84 Plus calculator recommended.

10138 MATH-041.-05 Precalculus I: Theory of Functions (CLAS) 12:30 PM-02:45 PM MTWTh VAN DER POEL, MISAKO G7

Course Notes (Summer): MATH-041.-05: TI-83 Plus/TI-84 Plus calculator recommended.

10149 MATH-041.-07 Precalculus I: Theory of Functions (CLAS) 12:30 PM-02:45 PM MTWTh WHEELER, DANIEL E33

Course Notes (Summer): MATH-041.-07: TI-83 Plus/TI-84 Plus calculator recommended.

10547 MATH-041.-08 Precalculus I: Theory of Functions (CLAS) 03:00 PM-05:15 PM MTWTh KRESTAS, GEORGE E34

Course Notes (Summer): MATH-041.-08: TI-83 Plus/TI-84 Plus calculator recommended.

11333 MATH-041.-61 Precalculus I: Theory of Functions (CLAS) 05:30 PM-07:45 PM MTWTh STAFF, M MLC270

Course Notes (Summer): MATH-041.-61: 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.) Prerequisite: Mathematics 41 (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: The theory of trigonometric functions and their applications.

10598 MATH-042.-01 Precalculus II: Trigonometric Functions (CLAS) 07:30 AM-09:45 AM MTWTh CHADD, AMARJIT G5

Course Notes (Summer): MATH-042.-01: TI-83 Plus/TI-84 Plus calculator recommended.

10599 MATH-042.-03 Precalculus II: Trigonometric Functions (CLAS) 10:00 AM-12:15 PM MTWTh AUYYOUNG, YATMAN S54
 Course Notes (Summer): MATH-043.-03: TI-83 Plus/TI-84 Plus calculator recommended.

10601 MATH-042.-05 Precalculus II: Trigonometric Functions (CLAS) 12:30 PM-02:45 PM MTWTh TRAN, DANNY S54

Course Notes (Summer): MATH-042.-05: TI-83 Plus/TI-84 Plus calculator recommended.

11185 MATH-042.-06 Precalculus II: Trigonometric Functions (CLAS) 03:00 PM-05:15 PM MTWTh LOPEZ, RICHARD E32

Course Notes (Summer): MATH-042.-06: TI-83 Plus/TI-84 Plus calculator recommended.

10802 MATH-042.-61 Precalculus II: Trigonometric Functions (CLAS) 05:30 PM-07:45 PM MTWTh LOPEZ, RICHARD E32

Course Notes (Summer): MATH-042.-61: TI-83 Plus/TI-84 Plus calculator recommended.

MATH 43: Precalculus III: Advanced Topics
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: Mathematics 41 and 42 (both with a grade of C or better); or a satisfactory score on Calculus Readiness Test within the last calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Conic sections, parametric equations, systems of equations and inequalities, vectors, lines and planes, sequences and series, polar coordinates, mathematical induction, and the binomial theorem.

10884 MATH-043.-01 Precalculus III: Advanced Topics (CLAS) 07:30 AM-09:45 AM MTWTh KRYLIOUK, IAROSLAV E32

Course Notes (Summer): MATH-043.-01: TI-83 Plus/TI-84 Plus calculator recommended.

10140 MATH-043.-02 Precalculus III: Advanced Topics (CLAS) 10:00 AM-12:15 PM MTWTh KLEIN, CHARLES E33

10139 MATH-043.-03 Precalculus III: Advanced Topics (CLAS) 12:30 PM-02:45 PM MTWTh NJINIMBAM, EDWIN S46

Course Notes (Summer): MATH-043.-03: TI-83 Plus/TI-84 Plus calculator recommended.

11392 MATH-043.-07 Precalculus III: Advanced Topics (CLAS) 03:00 PM-05:15 PM MTWTh STAFF, M G2

Course Notes (Summer): MATH-043.-07: TI-83 Plus/TI-84 Plus calculator recommended.

10141 MATH-043.-61 Precalculus III: Advanced Topics (CLAS) 05:30 PM-07:45 PM MTWTh KRESTAS, GEORGE E34

Course Notes (Summer): MATH-043.-61: TI-83 Plus/TI-84 Plus calculator recommended.

MATH 114: College Math Preparation Level 3: Intermediate Algebra
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter); or four hours lecture and two hours lecture-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: Qualifying score on the Math Placement Test within last calendar year; or Mathematics 212 or equivalent with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00698 MATH-114.-01 College Math Preparation Level 3: Intermediate Algebra (CLAS) 07:30 AM-09:45 AM MTWTh AUYOUNG, YATMAN S54

00699 MATH-114.-03 College Math Preparation Level 3: Intermediate Algebra (CLAS) 10:00 AM-12:15 PM MTWTh GANESHALINGAM, USHA E34

00700 MATH-114.-04 College Math Preparation Level 3: Intermediate Algebra (CLAS) 12:30 PM-02:45 PM MTWTh GANESHALINGAM, USHA E34

00701 MATH-114.-06 College Math Preparation Level 3: Intermediate Algebra (CLAS) 03:00 PM-05:15 PM MTWTh VAN DER POEL, MISAKO G7

00705 MATH-114.-61 College Math Preparation Level 3: Intermediate Algebra (CLAS) 05:30 PM-07:45 PM MTWTh HANSEN, JOEL E33

11027 MATH-114.-08 College Math Preparation Level 3: Intermediate Algebra (CLAS) 08:00 PM-10:15 PM MTWTh PETERSON, SCOTT E36

MATH 210: College Math Preparation Level 1: Pre-Algebra
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter); or four hours lecture and two hours lecture-laboratory (72 hours total per quarter). || General Education Status: Non-GE || Program Status: Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

Requisites: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00707 MATH-210.-01 College Math Preparation Level 1: Pre-Algebra (CLAS) 07:30 AM-09:45 AM MTWTh DANILNOVA, NINA S46

00708 MATH-210.-05 College Math Preparation Level 1: Pre-Algebra (CLAS) 12:30 PM-02:45 PM MTWTh LEGGE, VICTOR MLC109

11335 MATH-210.-07 College Math Preparation Level 1: Pre-Algebra (CLAS) 03:00 PM-05:15 PM MTWTh GHORI, ABDUL MLC109

00709 MATH-210.-61 College Math Preparation Level 1: Pre-Algebra (CLAS) 05:30 PM-07:45 PM MTWTh GHORI, ABDUL MLC109

MATH 212: College Math Preparation Level 2: Beginning Algebra
Unit(s): 5 || Hours: Five hours lecture (60 hours total per quarter); or four hours lecture and two hours lecture-laboratory (72 hours total per quarter). || Formerly: (Formerly Mathematics 112.) || General Education Status: Non-GE || Program Status: Not Program Applicable (Stand Alone) || Credit Status: Credit - Not degree applicable || Grading Method: Letter Grade

Requisites: Qualifying score on the Math Placement Test within last calendar year; or Mathematics 212 or equivalent with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

10605 MATH-212.-01 College Math Preparation Level 2: Beginning Algebra (CLAS) 07:30 AM-09:45 AM MTWTh VISWANADHA, YOGESWARI S45

00710 MATH-212.-03 College Math Preparation Level 2: Beginning Algebra (CLAS) 10:00 AM-10:50 AM MTWTh ISON, MILLIA S45

00712 MATH-212.-06 College Math Preparation Level 2: Beginning Algebra (CLAS) 03:00 PM-05:15 PM MTWTh LE, HUONG MLC108

11391 MATH-212.-07 College Math Preparation Level 2: Beginning Algebra (CLAS) 03:00 PM-05:15 PM MTWTh STAFF, M G1
**Manufacturing and CNC Technologies**

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<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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<tbody>
<tr>
<td>MCNC 71: Introduction to Machining and CNC Processes&lt;br&gt;Unit(s): 4 1/2</td>
<td></td>
<td>Hours: Nine hours lecture-laboratory (108 hours total per quarter).</td>
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<td>Materials Fee: $10.00</td>
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<tr>
<td>MCNC 76D: CAD/ICAM Based Computer Numerical Control Programming Using Mastercam&lt;br&gt;Unit(s): 4 1/2</td>
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<td>Hours: Nine hours lecture-laboratory (108 hours total per quarter).</td>
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<td>Materials Fee: $10.00</td>
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<tr>
<td>MCNC 80B: Special Projects In Manufacturing and CNC/Mastercam Certification Level 2&lt;br&gt;Unit(s): 2</td>
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<td>Hours: Six hours laboratory (72 hours total per quarter).</td>
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<td>General Education Status: Non-GE</td>
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<tr>
<td>MCNC 80C: Special Projects In Manufacturing and CNC/Mastercam Certification Level 3&lt;br&gt;Unit(s): 2</td>
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<td>Hours: Six hours laboratory (72 hours total per quarter).</td>
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<td>General Education Status: Non-GE</td>
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<tr>
<td>MCNC 80D: Special Projects In Manufacturing and CNC/NIMS Level 1&lt;br&gt;Unit(s): 2</td>
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<td>Hours: Six hours laboratory (72 hours total per quarter).</td>
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<td>General Education Status: Non-GE</td>
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MCNC 80E: Special Projects In Manufacturing and CNC/NIMS Level 2

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: 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 Manufacturing and CNC Technology. 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.

11339  MCNC-080E-65R  Special Projects In Manufacturing and CNC/NIMS Level 2 (TBA)  TBA  Starts: 06/30/2014  APPIO, MICHAEL  Ends: 08/22/2014  TBA

****** Meteorology

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<tr>
<th>CRN</th>
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<tbody>
<tr>
<td>MET 10: Weather and Climate Processes</td>
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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: Mathematics 210 or equivalent; English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

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 "global warming."

10956  * MET-010.-61Z  Weather and Climate Processes (CLAS)  TBA  TBA  JAMES, BRIDGET  ONLINE

Course Notes (Summer): MET-010.-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

****** Music

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<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
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<tbody>
<tr>
<td>MUSI 1A: Introduction to Music: Music in Western Cultures</td>
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Unit(s): 4  ||  Hours: Four hours lecture (48 hours total per quarter).  ||  Formerly: (Formerly Music 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.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00720  MUSI-001A-01  Introduction to Music: Music in Western Cultures (CLAS)  08:30 AM-12:20 PM  MW  THOMSEN, JOHN  A11

00721  * MUSI-001A-61Z  Introduction to Music: Music in Western Cultures (CLAS)  TBA  TBA  TAYERLE, LOREN  ONLINE

Course Notes (Summer): MUSI-001A-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/

MUSI 12A: Class Piano I

Unit(s): 1 1/2  ||  Hours: Three hours lecture-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: Music 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.

00723  MUSI-012A-01  Class Piano I (CLAS)  09:00 AM-11:50 AM  MW  HICKS, GAIL  A29

MUSI 12B: Class Piano II

Unit(s): 1 1/2  ||  Hours: Three hours lecture-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: Music 12A or consent of instructor.

Course Description: Basic piano for beginning students who read treble and bass clef and understand music notation.

00726  MUSI-012B-01  Class Piano II (CLAS)  09:00 AM-11:50 AM  MW  HICKS, GAIL  A29

MUSI 12C: Class Piano III

Unit(s): 1 1/2  ||  Hours: Three hours lecture-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: Music 12B or consent of instructor.

Course Description: Piano performance with emphasis on interpretation, musical form and harmony.

11213  MUSI-012C-01  Class Piano III (CLAS)  09:00 AM-11:50 AM  MW  HICKS, GAIL  A29

MUSI 13A: Beginning Singing I

Unit(s): 1 1/2  ||  Hours: Three hours lecture-laboratory (36 hours total per quarter).  ||  Repeatability: (This course is included in the Voice Class Applied Performance Family

45
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

**Course Description:** Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; an understanding of basic music notation and some possession of basic piano skills, or concurrent enrollment in Music 10A or 12A.

**Course Description:** Class instruction for beginners in techniques of solo and group singing. Training in controlling tonal production, breathing, diction, and musical accuracy.

00729 MUSI-013A-01 Beginning Singing I (CLAS) 09:30 AM-12:20 PM TTh BANDERMANN, BILLIE A11

**Course Notes (Summer):** MUSI-013A-01: In addition to vocal training, this course will also offer students an opportunity to explore basic choral literature.

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**MUSI 13B: Beginning Singing II**

**Unit(s):** 1 1/2  | **Hours:** Three hours lecture-laboratory (36 hours total per quarter).  | **Repeatability:** (This course is included in the Voice 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: Music 13A or equivalent. Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; an understanding of basic music notation and some possession of basic piano skills, or concurrent enrollment in Music 10A or 12A.

**Course Description:** Continuation of Music 13A with emphasis on musicianship, memorization, legato singing, correction of individual problems, and the rudiments of performance. Training in controlling tonal production, breathing, diction, and musical accuracy.

00730 MUSI-013B-01 Beginning Singing II (CLAS) 09:30 AM-12:20 PM TTh BANDERMANN, BILLIE A11

**Course Notes (Summer):** MUSI-013B-01: In addition to vocal training, this course will also offer students an opportunity to explore basic choral literature.

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**MUSI 14A: Classical Guitar I**

**Unit(s):** 1 1/2  | **Hours:** Three hours lecture-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.)  | **General Education Status: Non-GE** | **Program Status: Program Applicable** | **Credit Status: Credit - Degree applicable** | **Grading Method: Letter Grade**

**Requisites:** Prerequisite: Music 13A or equivalent level; admission by instructor approval.

**Course Description:** Beginning instruction for playing the classical, nylon-stringed guitar, assuming no prior musical experience. Introduces basic note reading on the first four frets of the instrument, left and right hand techniques, including free strokes, rest strokes, arpeggio technique, left-hand development of strength and independence. Chords, chord progression and basic strumming techniques will also be introduced.

10084 MUSI-014A-01 Classical Guitar I (CLAS) 12:30 PM-03:20 PM MW MCLEAN, MATT A31

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**MUSI 14B: Classical Guitar II**

**Unit(s):** 1 1/2  | **Hours:** Three hours lecture-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.)  | **General Education Status: Non-GE** | **Program Status: Program Applicable** | **Credit Status: Credit - Degree applicable** | **Grading Method: Letter Grade**

**Requisites:** Prerequisite: Music 14A or equivalent level; admission by instructor approval.

**Course Description:** Continuation and expansion of skills learned in Classical Guitar I. Topics include expanded arpeggio techniques, free stroke and rest stroke development, slur technique, complex rhythms, multiple-voice music reading, and repertoire development. Music fundamentals such as major and minor scales and chord construction will also be covered.

10085 MUSI-014B-01 Classical Guitar II (CLAS) 12:30 PM-03:20 PM MW MCLEAN, MATT A31

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**MUSI 14C: Classical Guitar III**

**Unit(s):** 1 1/2  | **Hours:** Three hours lecture-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.)  | **General Education Status: Non-GE** | **Program Status: Program Applicable** | **Credit Status: Credit - Degree applicable** | **Grading Method: Letter Grade**

**Requisites:** Prerequisite: Music 14B or equivalent level; admission by instructor consent.

**Course Description:** Continuation and expansion of skills learned in Classical Guitar II. Development of sight-reading skills, complex rhythms and multiple-voice music in first through third positions using exercises and standard guitar repertoire. Emphasis on proper technique, interpretation, dynamics and tone color.

11215 MUSI-014C-01 Classical Guitar III (CLAS) 12:30 PM-03:20 PM MW MCLEAN, MATT A31

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**MUSI 54D: Classical Guitar IV**

**Unit(s):** 1 1/2  | **Hours:** Three hours lecture-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.)  | **General Education Status: Non-GE** | **Program Status: Program Applicable** | **Credit Status: Credit - Degree Applicable** | **Grading Method: Letter Grade**

**Requisites:** Prerequisite: Music 14B or equivalent level; admission by instructor consent.

**Course Description:** Continuation of skills learned in Music 14C, with greater emphasis on higher positions and longer/more difficult compositions.

11214 MUSI-054D-01 Classical Guitar IV (CLAS) 12:30 PM-03:20 PM MW MCLEAN, MATT A31

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******* Nursing*****

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**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: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 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 TTh HRYCYK, CATHERINE FOR1

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******* Nutrition*****
Instructors will motivate and encourage students to practice and adapt skills to physical ability, age, strength, and gender. Major emphasis on tournament format participation. The impact of culture and gender on amateur and professional levels of competition will also be analyzed. Skills emphasized will enable students to participate in formal and informal basketball activities. Students will recognize basketball needs associated with physiology, nutrition, flexibility, and strength concepts in order to improve level of skill. Instructors will motivate and encourage students to practice and adapt skills to physical ability, age, strength, and gender. Major emphasis on tournament format participation.

**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: English Writing 1A or English as a Second Language 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Dates/Days</th>
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<td>NUTR-010.-01</td>
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<td>12:30 PM-02:55 PM MTFW</td>
<td>STAFF, M</td>
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<td>11145</td>
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<td>NUTR-010.-61</td>
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<td>NUTR-010.-61Z</td>
<td>Contemporary Nutrition (CLAS)</td>
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<td>TBA</td>
<td>LIECHTY, BARBARA</td>
<td>ONLINE</td>
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</table>

**Course Notes (Summer):** NUTR-010.-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/.

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**P E 1H: Team Sport - Basketball**

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). | 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through team sport basketball. Activities include individual and team strategies and techniques required for competitive games. A brief historical examination of significant national and international contributions to the development of styles of play will be presented. The impact of culture and gender on amateur and professional levels of competition will also be analyzed. Skills emphasized will enable students to participate in formal and informal basketball activities. Students will recognize basketball needs associated with physiology, nutrition, flexibility, and strength concepts in order to improve level of skill. Instructors will motivate and encourage students to practice and adapt skills to physical ability, age, strength, and gender. Major emphasis on tournament format participation.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Title</th>
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<th>Dates/Days</th>
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<td>P E -001H-61</td>
<td>Team Sport - Basketball (LAB)</td>
<td>08:00 PM-09:50 PM MW</td>
<td>KRAYALOTT, ARDEN</td>
<td>PE21E</td>
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</table>

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**P E 2P: 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). | 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through 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 the mind, core strength and flexibility. Includes basic exercise physiology concepts, and nutrition.

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<tr>
<th>CRN</th>
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<td>PE15</td>
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<td>11263</td>
<td>P E -002P-02</td>
<td>Pilates Mat Exercise (LAB)</td>
<td>04:00 PM-05:40 PM TTh</td>
<td>EVANS, NANCY</td>
<td>PE14</td>
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**P E 2Y: 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). | 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through the study of yoga including a 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.

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<td>01084</td>
<td>P E -002Y-01</td>
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<td>09:30 AM-11:10 AM TTh</td>
<td>SIMONS, KELLY</td>
<td>PE14</td>
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<tr>
<td>00747</td>
<td>P E -002Y-02</td>
<td>Yoga (LAB)</td>
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<td>Yoga (LAB)</td>
<td>07:30 AM-09:10 AM MW</td>
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<td>04:00 PM-05:40 PM MW</td>
<td>MAY, CHRISTIAN</td>
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<td>00749</td>
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<td>Yoga (LAB)</td>
<td>08:00 PM-09:40 PM TTh</td>
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<td>PE15</td>
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**P E 3: 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). | 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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 machine.
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 cardio-respiration.

01073  P E -003-01 Indoor Cycling (LAB) 09:30 AM-11:10 AM MW PACHECO, RACHEL PE14

P E 4: 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.) ||  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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education 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.

Enrollment in Intercollegiate athletics. Specific rigorous total body single set intensity three day per week program. Based on the principles of high intensity lifting. Emphasizing concentric and eccentric failure. Utilizing nautilus and free weight apparatus.

11268  P E -04XX-01 High Intensity Strength Development for Athletes (LAB) 07:00 AM-10:15 AM Starts: 06/30/2014 GUEVARA, DAWNSI Ends: 08/01/2014 PE21E

Course Notes (Summer): PE04XX.01: This is a high-intensity conditioning class designed for the Men's Intercollegiate Soccer Team. Anyone interested in this class must contact Head Coach Kulwant Singh. Email: singhkulwant@deanza.edu

P E 4XX: High Intensity Strength Development for Athletes
Unit(s): 1  ||  Hours: Three hours laboratory (36 hours total per quarter). ||  Repeatability: (May be taken up to six times for credit.) ||  General Education Status: Non-GE ||  Program Status: Program Applicable ||  Credit Status: Credit - Degree applicable ||  Grading Method: Letter Grade

Requisites: Prerequisite: Enrollment in Intercollegiate athletics.

Course Description: Specific rigorous total body single set intensity three day per week program. Based on the principles of high intensity lifting. Emphasizing concentric and eccentric failure. Utilizing nautilus and free weight apparatus.

11269  P E -04XX-02 High Intensity Strength Development for Athletes (LAB) 12:30 PM-03:10 PM MW JOHNSON, MARK FLS0

Course Notes (Summer): PE04XX.02: This is a high-intensity conditioning class designed for the Men's Intercollegiate Soccer Team. Anyone interested in this class must contact Head Coach Kulwant Singh. Email: singhkulwant@deanza.edu

11182  P E -04XX-06 High Intensity Strength Development for Athletes (LAB) 04:30 PM-07:20 PM TTh OWIENSY, CHERYL FLS0

11193  P E -04XX-55 High Intensity Strength Development for Athletes (CLAS) TBA TBA TBA TBA

P E 6D: Body Sculpting
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 Physical Education 52 and 52X 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education. It includes an historical examination of core strengthening. Body sculpt conditioning is an integrated approach that focuses on developing the muscles of the entire body. Through body sculpting the student will achieve ultimate fitness by focusing on a program of strength, balance, agility and flexibility. Concentration will be on muscles of the entire body. Resistance training, medicine balls, stability balls, and the body bar will be used in conjunction with proper breathing, posture and muscle awareness.

01072  P E -006D-01 Body Sculpting (LAB) 04:00 PM-05:50 PM TTh OSBORNE, KATIE PE15

Course Notes (Summer): P E 006D-02: First class meeting at track.

10123  P E -006D-02 Body Sculpting (LAB) 07:30 AM-09:10 AM MW PACHECO, RACHEL PE15

11127  P E -006D-03 Body Sculpting (LAB) 09:30 AM-11:10 AM TTh PACHECO, RACHEL PE15

P E 6G: 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.) ||  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: Physical Education 26C, 26CX, or permission of instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00757  P E -006G-01 Aerobic Swimming (LAB) 10:00 AM-11:50 AM TTh ROESKY, RICHARD POOLM

Course Notes (Summer): P E 006G-01: The first day of class meet on the bleachers in front of PE14.

00758  P E -006G-02 Aerobic Swimming (LAB) 10:00 AM-11:40 AM MW ROESKY, RICHARD POOLW

Course Notes (Summer): P E -006G-02: The first day of class meet on the bleachers in front of PE 14.

10542  P E -006G-03 Aerobic Swimming (LAB) 05:00 AM-05:50 AM MTWTh BEGGS, THOMAS POOLM

P E 6K: 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.) ||  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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education 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.

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through cardiovascular/aerobic exercise featuring a freestyle interval format 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.

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through a program of cardiovascular exercise including circuit and intervals, balance, agility, speed, strength, and flexibility training both indoors and outdoors. Strength, cardiovascular fitness, flexibility and body composition assessments will occur throughout the term.

P E 6U: Fit Camp

Units: 0.50; four and one-half hours for the one and one-half unit course (54 hours total per quarter).

Requisites: (This course is included in the Cross Training 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

P E 8: Total Fitness

Units: 0.50; four and one-half hours for the one and one-half unit course (54 hours total per quarter).

Requisites: (This course is included in the Cross Training 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

P E 8: Cardiovascular and Strength Training

Units: 0.50; four and one-half hours for the one and one-half unit course (54 hours total per quarter).

Requisites: (This course is included in the Cross Training 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

P E 10: Multi-Sport Fitness

Units: 0.50; four and one-half hours for the one and one-half unit course (54 hours total per quarter).

Requisites: (This course is included in the Individual Sports Family of activity courses. Please see Course Repetition, Repeatability and Families page for more information.)
### P E 11: 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).  
**Prerequisite:** 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.)  
**General Education Status:** GE  
**Program Status:** Program Applicable  
**Credit Status:** Credit - Degree applicable  
**Grading Method:** Letter Grade  

**Course Description:** An introduction to the discipline of Physical Education through multi-sport fitness. Techniques for improving flexibility including passive and active stretches, Pilates exercises, partner stretches, yoga poses and the use of equipment 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 differences and diversity, exercise physiology, nutrition and wellness concepts related to total fitness, age, gender, disabilities and/or genetics will be covered.

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<th>Course Code</th>
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<th>Time</th>
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<tr>
<td>00771 P E -010-01</td>
<td>Multi-Sport Fitness (LAB)</td>
<td>05:00 AM-05:50 AM</td>
<td>MTWTh</td>
<td>BEGGS, THOMAS</td>
<td>POOLM</td>
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### P E 13B: Intermediate 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).  
**Prerequisite:** (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 13A or 13AX; or permission of instructor.  
**Advisory:** English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.  
**Course Description:** Further examination 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.

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<th>Days</th>
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<td>Intermediate Badminton (LAB)</td>
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<td>EVANS, NANCY</td>
<td>PE14</td>
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### P E 13C: Advanced 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).  
**Prerequisite:** (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 13B or 13BX; or consent of the instructor.  
**Advisory:** English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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 and etiquette. Basic exercise physiology, nutrition, fundamentals of strength development and flexibility relative to playing at an 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.

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<td>01062 P E -013C-01</td>
<td>Advanced Badminton (LAB)</td>
<td>10:00 AM-11:40 AM</td>
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<td>PE21W</td>
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### P E 16A: Beginning Golf

**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).  
**Prerequisite:** (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 13A or 13AX; or permission of instructor.  
**Advisory:** English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.  
**Course Description:** An introduction to the discipline of Physical Education through the sport of golf. Includes a global and historical examination of the sport, rules, equipment, facilities, etiquette, safety, and basic fundamentals of beginning golf. Students will develop skills in putting, chipping, pitching, and full swing fundamentals utilizing basic theories of physics. The skills portion of the course will encourage an understanding of how to adapt to the game and conventional techniques to an individual's physical abilities. Students will apply basic exercise physiology, nutrition, flexibility and strength concepts to improve their overall playing level.

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<td>Beginning Golf (LAB)</td>
<td>10:00 AM-11:40 AM</td>
<td>TTh</td>
<td>HERTLER, DAVID</td>
<td>FLGFLF</td>
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### P E 16B: Intermediate Golf

**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).  
**Prerequisite:** (See general education pages for the requirement this course meets.) Prerequisite: Physical Education 56D or 56DX; or instructor permission.  
**Advisory:** English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.  
**Course Description:** An introduction to the discipline of Physical Education through the sport of golf. Includes an historical examination, styles of play and strategies of the sport of men's and women's golf. Students will strive to develop intermediate skills in putting, chipping, pitching, unusual lies and full swing fundamentals utilizing theories of physics. An understanding of mental strategies as they apply to playing a round game will be addressed. Variations in concepts due to age, gender, and physical conditions will be noted. Exercise physiology, nutrition, flexibility and strength concepts for conditioning will be covered.

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<th>Course Code</th>
<th>Course Name</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10620 P E -016B-01</td>
<td>Intermediate Golf (LAB)</td>
<td>10:00 AM-11:40 AM</td>
<td>TTh</td>
<td>HERTLER, DAVID</td>
<td>FLGFLF</td>
<td></td>
</tr>
</tbody>
</table>

### P E 19A: Beginning Volleyball

**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).  
**Prerequisite:** (See general education pages for the requirement this course meets.) Prerequisite: English Writing 211 and Reading 211 (or Language Arts 211), or Beginning Volleyball.  
**Course Description:** An introduction to the discipline of Physical Education through multi-sport fitness. An historical examination of multi-sport training methodology to include triathlon training. The student will strive for ultimate fitness through a program of cardiovascular exercise including interval training, strengthening exercises and flexibility training both indoors and outdoors with an emphasis on aquatic fitness. Strength, cardiovascular fitness and flexibility will be monitored and assessed throughout the term.
Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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 played 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.

01071 P E -019A-01 Beginning Volleyball (LAB) 10:00 AM-11:50 AM TTh MAY, CHRISTIAN PE21E

P E 21A: 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.) || 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00780 P E -021A-01 Beginning Tennis (LAB) 07:30 AM-09:10 AM MW SIMONS, KELLY T-CRTE
10184 P E -021A-02 Beginning Tennis (LAB) 09:30 AM-11:10 AM MW SIMONS, KELLY T-CRTE
10825 P E -021A-61 Beginning Tennis (LAB) 06:00 PM-07:40 PM TTh SIMONS, KELLY T-CRTE

P E 21B: 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.) || 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: Physical Education 21A or 21AX; or equivalent skills. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: A continuing introduction to 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 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.

01081 P E -021B-01 Advanced Beginning Tennis (LAB) 09:30 AM-11:10 AM MW SIMONS, KELLY T-CRTE
10824 P E -021B-61 Advanced Beginning Tennis (LAB) 06:00 PM-07:40 PM TTh SIMONS, KELLY T-CRTE

P E 26A: Novice 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.) || 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00791 P E -026A-01 Novice Swimming (LAB) 12:00 PM-12:50 PM MTh ROESKY, RICHARD POOLE
11319 P E -026A-02 Novice Swimming (LAB) 10:00 AM-01:40 PM S DONAHUE, MARY POOLE
00794 P E -026A-61 Novice Swimming (LAB) 08:00 PM-09:40 PM MW MAY, CHRISTIAN POOLE

P E 26B: Beginning 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.) || 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: Physical Education 26A or 26AX, or pass swimming placement test which consists of swimming 25 yards in deep water. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00796 P E -026B-62 Beginning Swimming (LAB) 08:00 PM-09:40 PM TTh MAY, CHRISTIAN POOLE

P E 26C: 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.) || 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: Physical Education 26B or 26BX, or equivalent swimming skills. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00797 P E -026C-01 Intermediate Swimming (LAB) 10:00 AM-11:40 AM MW ROESKY, RICHARD POOLW
00798 P E -026C-02 Intermediate Swimming (LAB) 10:00 AM-11:40 AM TTh ROESKY, RICHARD POOLW
Course Notes (Summer): P E -026C-02: First day meet at bleachers in front of PE 14. Be prepared to participate on the first day.

P E 26D: 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.) || 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: Physical Education 26C or 26CX, or equivalent swimming skills. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

Course Notes (Summer: P E -026C-01: The first day of class meet on the bleachers in front of PE 14.

00800 P E -026D-02 Advanced Swimming (LAB) 10:00 AM-11:50 AM MW ROESKY, RICHARD POOLW

Course Notes (Summer: P E -026D-02: First day meet at bleachers in front of PE 14 by pool.

P E 30: Introduction to Physical Education/Kinesiology
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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: A introduction to the discipline of physical education/kinesiology. The student will study career options, career choice, required preparation and training for occupations in teaching, coaching, physical therapy, sports medicine and other professions stemming from a degree in physical education/kinesiology. Course will include an in-depth overview of past, present, and future foundations, principles, and philosophies for students seeking major areas of study. Course will also focus on career options with an understanding of intercultural and gender (Title IX) relating to the profession.

P E 32H: Offensive Football Techniques
Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (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 football experience at the high school, club or collegiate levels and consent of instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through offensive football techniques. Includes a global and historical examination of the skills and techniques of advanced offensive football and the changes that have influenced the modern game. Through the study of film and use of playbooks the student will learn the various segments of offensive play. Exercise physiology, nutrition, flexibility and strength concepts for conditioning will be covered.

Course Notes (Summer: PE32H-01: All interested athletes must contact Coach Atencio, atenciondan@deanza.edu before registering for this class.

10262 P E -032H-01 Offensive Football Techniques (LAB) 02:00 PM-04:40 PM MTWTh ATENCIO, DAN ST-FLD

Course Notes (Summer: PE32H-02: All interested athletes must contact Coach Atencio, atenciondan@deanza.edu before registering for this class.

P E 332: Defensive Football Techniques
Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (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 football experience at the high school, club or collegiate levels and consent of instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through defensive football techniques. Includes a global and historical examination of the skills and techniques of advanced defensive football and the changes that have influenced the modern game. Through the study of film, use of playbooks and team work the student will learn the various segments of defensive play. Exercise physiology, nutrition, flexibility and strength concepts for conditioning will be covered.

Course Notes (Summer: PE332-01: All interested athletes must contact Coach Atencio, atenciondan@deanza.edu before registering for this class.

P E 32K: Basketball Techniques
Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of Physical Education through basketball techniques. Includes a global and historical examination of the skills and techniques of advanced basketball and the changes that have influenced the modern game. Through the study of film, use of playbooks and team work the student will learn the various segments of basketball. Exercise physiology, nutrition, flexibility and strength concepts for conditioning will be covered.

Course Notes (Summer: PE 032K-02: This class is designed for Intercollegiate Men's Basketball Players. If you are interested please contact Jason Damjanovic for more details about this course before enrolling. damjanovicjason@deanza.edu (408) 864-8648

10032 P E -032K-02 Basketball Techniques (TBA) TBA Starts: 06/30/2014 DAMJANOVIC, JASON Ends: 09/18/2014 PE21W

Course Notes (Summer: PE 032K-02: This class is designed for Intercollegiate Men's Basketball Players. If you are interested please contact Jason Damjanovic for more details about this course before enrolling. damjanovicjason@deanza.edu (408) 864-8648

10080 P E -032K-01 Basketball Techniques (TBA) TBA Starts: 06/30/2014 STAFF, M Ends: 09/18/2014 TBA PE21E

Course Notes (Summer: PE 032K-01: Class meets twelve weeks. This class is designed for Women's Intercollegiate Basketball players. Please contact Coach Arden Kragalott for more information before enrolling in this course. kragalottarden@deanza.edu 408-864-8648

10080 P E -032K-02 Basketball Techniques (LAB) 04:00 PM-05:40 PM MW ROESKY, RICHARD POOLW

Course Notes (Summer: PE 032K-02: This class is designed for Intercollegiate Men's Basketball Players. If you are interested please contact Jason Damjanovic for more details about this course before enrolling. damjanovicjason@deanza.edu (408) 864-8648

10033 P E -032K-03 Basketball Techniques (LAB) 06:00 PM-08:50 PM MW ROESKY, RICHARD POOLW
Course Notes (Summer): P E 032K-63: This class meets for 12 weeks. This class is designed for Women's Intercollegiate Basketball players. For more information contact Coach Arden Kragol at: kragolarden@deanza.edu 408-864-8648

P E 32N: Track and Field Techniques
Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (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 level and consent of instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211). English as a Second Language 272 and 273. Course Description: An introduction to the discipline of physical education through the 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 power, and force and biomechanics.

<table>
<thead>
<tr>
<th>Course Notes (Summer): PE032N-02: All interested student-athletes please contact Coach Nick Mattis before enrolling in this course. <a href="mailto:mattnick@deanza.edu">mattnick@deanza.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>10852 P E -032N-01 Track and Field Techniques (TBA) TBA TBA MATTIS, NICHOLAS TBA</td>
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<tr>
<td>10175 P E -032N-02 Track and Field Techniques (LAB) 09:30 AM-12:10 PM MTWTh MATTIS, NICHOLAS ST-TR</td>
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P E 32P: Techniques of Competitive Swimming
Unit(s): 2 || Hours: Six hours laboratory (72 hours total per quarter). || Repeatability: (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 level and consent of instructor. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

<table>
<thead>
<tr>
<th>Course Notes (Summer): PE032P-02: All interested student-athletes please contact Coach Nick Mattis before enrolling in this course. <a href="mailto:mattnick@deanza.edu">mattnick@deanza.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>11177 P E -032P-02 Techniques of Competitive Swimming (LAB) 08:30 AM-12:00 PM M VON MATT, DANIELLE POOLDW</td>
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<tr>
<td>11177 P E -032P-02 Techniques of Competitive Swimming (LAB) 08:30 AM-12:00 PM TW VON MATT, DANIELLE POOLDW</td>
</tr>
<tr>
<td>11141 P E -032P-55 Techniques of Competitive Swimming (TBA) TBA TBA VON MATT, DANIELLE TBA</td>
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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); nine hours laboratory for the three unit course (108 hours total per quarter). || Repeatability: (Any combination of Physical Education 39MX and 39M may be taken up to six times for credit.) || Formerly: (Physical Education 39MX was formerly Physical Education 98B and Physical Education 39M was formerly Physical Education 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

<table>
<thead>
<tr>
<th>Course Notes (Summer): PE39MX-01: Please note that this class starts on 7/16/13. All interested students should contact Coach Owiesny as soon as possible. Email: <a href="mailto:owiesnycheryl@deanza.edu">owiesnycheryl@deanza.edu</a></th>
</tr>
</thead>
</table>

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); nine hours laboratory for the three unit course (108 hours total per quarter). || Repeatability: (Any combination of Physical Education 39WX and 39W may be taken up to six times for credit.) || Formerly: (Physical Education 39WX was formerly Physical Education 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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 the laws 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 soccer will be discussed.

<table>
<thead>
<tr>
<th>Course Notes (Summer): PE39WX-02: Please note that this class starts on 8/12/13. All interested students should contact Coach Owiesny as soon as possible. Email: <a href="mailto:owiesnycheryl@deanza.edu">owiesnycheryl@deanza.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>10863 P E -39WX-02 Intercollegiate Women's Soccer (LAB) 01:00 PM-03:05 PM Starts: 08/11/2014 OWIESNY, CHERYL Ends: 09/18/2014 MTWTh FLDS</td>
</tr>
</tbody>
</table>

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); nine hours laboratory for the three unit course (108 hours total per quarter). || Repeatability: (Any combination of Physical Education 40X and 40 may be taken up to six times for credit.) || Formerly: (Physical Education 40X was formerly Physical Education 98D.) || 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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 upon 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.

<table>
<thead>
<tr>
<th>Course Notes (Summer): PE40X02-02: All interested student-athletes should contact Coach Atencio as soon as possible. Email: atencioandeanza.edu Please note that this class begins August 12th</th>
</tr>
</thead>
<tbody>
<tr>
<td>11130 P E -040X-03 Intercollegiate Football (LAB) 02:00 PM-03:30 PM Starts: 08/18/2014 ATENCIO, DAN Ends: 10/08/2014 MTWTh ST-FLD</td>
</tr>
</tbody>
</table>
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); nine hours laboratory for the three unit course (108 hours total per quarter).  ||  Repeatability: (Any combination of Physical Education 41X and 41 may be taken up to six times for credit.)  ||  Formerly: (Physical Education 41X was formerly Physical Education 98E.)  ||  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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

10870  PE -041X-02  Intercollegiate Water Polo (LAB)  09:00 AM-11:05 AM  Starts: 08/11/2014  VON MATT, DANIELLE  Ends: 09/18/2014  POOLW

Course Notes (Summer): PE041X-02: Please contact Coach VonMatt prior to enrolling in this course. email:vonmattdanielle@deanza.edu Please note that this is a late start course which begins on August 12.

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); nine hours laboratory for the three unit course (108 hours total per quarter).  ||  Repeatability: (Any combination of Physical Education 42WX and 42W may be taken up to six times for credit.)  ||  Formerly: (Physical Education 42WX was formerly Physical Education 98F.)  ||  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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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, 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 volleyball will be discussed.

11146  P E -42WX-01  Intercollegiate Women's Volleyball (LAB)  01:30 PM-03:00 PM  Starts: 08/11/2014  GUEVARA, DAWNIS  Ends: 09/18/2014  MTWTh

Course Notes (Summer): PE42WX-01: Please note that this class is a late start class that begins on 8/12/13. Anyone interested should contact Coach Dawnis Guevara. 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: (Any combination of Physical Education 43X and 43 may be taken up to six times for credit.)  ||  Formerly: (Physical Education 43X was formerly Physical Education 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: An introduction to the discipline of physical education through the 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.

10866  P E -043X-02  Intercollegiate Cross Country (Men and Women) (LAB)  09:00 AM-11:05 AM  Starts: 08/11/2014  MATTIS, NICHOLAS  Ends: 09/18/2014  MTWTh

Course Notes (Summer): PE043X-02: Please note that this class begins on 8/12/13. All interested students should contact Coach Mattis as soon as possible. Email: mattisnick@deanza.edu

P E 53: Physical Stress Management

Unit(s): 2  ||  Hours: Two hours lecture (24 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to 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.

00821  P E -053-01  Physical Stress Management (CLAS)  01:30 PM-03:20 PM  TTh  OWIESNY, CHERYL  PE12U

P E 70A: Orientation to Lifetime Fitness

Unit(s): 2  ||  Hours: Two hours lecture (24 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.)  Co-requisite: Physical Education 70A students must also enroll in Physical Education 71. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to fitness, wellness and lifestyle management. Students will examine current theories of health and fitness with emphasis on how wellness and personal fitness are affected by genetics, gender, and age. Each student will perform pre-assessment and post-assessment tests of their own cardiovascular capacity, muscular strength and endurance, flexibility, and body composition. Lifestyle changes will be emphasized and behavior change tools that promote healthy choices will be discussed. Instruction on proper exercise techniques will be demonstrated.

00825  P E -070A-01  Orientation to Lifetime Fitness (CLAS)  02:00 PM-03:40 PM  MW  DAMJANOVC, JASON  PE673
Competitive swim training, Water Polo, water gait training, interval swimming, long and short course swimming will be introduced.

**Course Notes (Summer):** P E -070A-61Z: Online Course. Students must have access to a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://deanza.edu/distance/. Students must concurrently enroll in PE 071 and use the Wellness Center on campus to complete the required hours.

**P E 71**: Lifetime Wellness and Fitness Center 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: Physical Education 51 or 70A, or Health 51 (courses may be taken concurrently).

**Course Description:** A laboratory designed to improve student's cardio-respiratory fitness, muscular strength and endurance, flexibility and body composition. Strength and muscular endurance will be developed using Magnum weight equipment. Cardio-respiratory programs will be run on treadmills, cycles, stair steppers, and elliptical trainers.

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**P E 88A**: Coaching I: The Foundations of Coaching

**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:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Introduction and continuing education into the theories, techniques, strategies, and qualifications related to sport and athletic coaching. An in-depth analysis of coaching responsibilities and practical applications associated with youth (Little League, Pop Warner, American Youth Soccer Organization, and YMCA), middle school, high school, community college, and four-year university levels of competition and play. The students will study the issues and requirements associated with possible duties and job responsibilities in relationship to administrative, medical, legal, and practical experiences.

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**P E 97D**: Aquatic Motor Development

**Unit(s):** 0.5  ||  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).  ||  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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** An introduction to the discipline of Physical Education through human motor development. The aquatic arena will be used as the domain of exercise. Competitive swim training, Water Polo, water gait training, interval swimming, long and short course swimming will be introduced.

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### ***** Paralegal Program

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<td>P E -088A-01</td>
<td>Coaching I: The Foundations of Coaching (LEC)</td>
<td>06:30 PM-08:20 PM</td>
<td>MW</td>
<td>ZARECKY, GARY</td>
<td>PE673</td>
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### PARA 64: Paralegal Internship

**Unit(s):** 1  ||  Hours: Four hours laboratory per unit of supervised internship in an authorized office or agency (48 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:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Program of work experience and study in law, paralegal, or legal research under the supervision of the instructor and agency personnel.

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### PARA 64X: Paralegal Internship

**Unit(s):** 2  ||  Hours: Four hours laboratory per unit of supervised internship in an authorized office or agency (48 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:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

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### PARA 64Y: Paralegal Internship

**Unit(s):** 3  ||  Hours: Four hours laboratory per unit of supervised internship in an authorized office or agency (48 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:** Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

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### PARA 64Z: Paralegal Internship

**Unit(s):** 4  ||  Hours: Four hours laboratory per unit of supervised internship in an authorized office or agency (48 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: Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Program of work experience and study in law, paralegal, or legal research under the supervision of the instructor and agency personnel.

11348 PARA-006Z-55 Paralegal Internship (TBA) TBA TBA ELLIS, TERRY L13C

Course Notes (Summer): PARA-006Z-55: Internships limited to continuing De Anza Paralegal majors. Internships must be arranged during the quarter prior to the beginning of classes. Interested students should contact the instructor at (408) 864-8563.

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 Administration of Justice 75 and Political Science 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Procedures followed by law enforcement and courts in criminal cases; constitutional principles governing those procedures.

10162 PARA-075-61 Principles and Procedures of the Justice System (CLAS) 06:00 PM-09:50 PM TTh BONINI, GRIFFIN L21

PARA 87: Personal Injury and Tort Litigation

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: Paralegal 94 or 95, or professional experience appropriate to the topic. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Substantive tort law emphasizing concepts applicable to automobile accident cases, product liability cases, premises liability cases and malpractice insurance; law affecting personal injury litigation; basic medical terminology in personal injury litigation; procedural rules and practices related to personal injury litigation in California with an emphasis on the role of the paralegal.

11237 PARA-087-61 Personal Injury and Tort Litigation (CLAS) 06:00 PM-09:50 PM MW HAMES, JOANNE L22

PARA 94: Introduction to California Law

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: The legal structures and legal procedures existing within the state of California; examination of the roles and duties of legal personnel in California with an emphasis on the role and duty of paralegals.

11346 PARA-094-61 Introduction to California Law (CLAS) 06:00 PM-09:50 PM TTh RAFTERY PIUNTELLI, KELLY L22

PARA 95: Overview of American Law

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as Administration of Justice 95 and Political Science 95). 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Overview of the major substantive areas of American law: Agency, contracts, constitutional law, corporations, criminal law, family law, property, torts, wills and estates.

11233 PARA-095-61 Overview of American Law (CLAS) 10:00 AM-12:25 PM MTW ELLIS, TERRY L22

PARA 97B: Advanced Civil Litigation 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: Paralegal 94 or 95; Paralegal 97A; or professional experience appropriate to the topic. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Selected pretrial, discovery and post-trial procedures for paralegals; document preparation; judicial council form use; case analysis.

11236 PARA-097B-01 Advanced Civil Litigation Procedures (CLAS) 12:30 PM-02:55 PM MTW BLANCHETTE, DANIEL L22

***** Physical Education/Adapted

Important Department Information: Physical Education classes for individuals with special needs.

CRN Course Title Time Dates/Days Instructor Location

PEA 1: Adapted Total Fitness

Unit(s): 0.5 || 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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, strength, and flexibility 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 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.

00856 PEA -001-01 Adapted Total Fitness (LAB) 10:10 AM-11:10 AM Starts: 06/30/2014 BENNETT, MARY Ends: 08/22/2014 PE13

Course Notes (Summer): PEA -001-01: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

00857 # PEA -001-01F Adapted Total Fitness (LAB) 09:00 AM-10:00 AM Starts: 06/30/2014 HAYNES, RUTH Ends: 08/22/2014 TTh SUNSC

Course Notes (Summer): PEA -001-01F: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks at the Sunnyvale Senior Center at 550 E. Remington Dr., Sunnyvale, CA 94087.
Course Notes (Summer): PEA -001.-02: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

00858 PEA -001.-02 Adapted Total Fitness (LAB) 12:50 PM-01:50 PM Starts: 06/30/2014 PERKINS, NATHAN Ends: 08/22/2014 TTh PE13

Course Notes (Summer): PEA -001.-02F: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks at the Cupertino Senior Center at 21251 Stevens Creek Blvd., Cupertino, CA 95014.

00859 # PEA -001.-02F Adapted Total Fitness (LAB) 09:00 AM-10:00 AM Starts: 06/30/2014 BEGGS, THOMAS Ends: 08/22/2014 MW CUPSC

Course Notes (Summer): PEA -001.-02F: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

00860 PEA -001.-03 Adapted Total Fitness (LAB) 03:10 PM-04:10 PM Starts: 06/30/2014 HAYNES, RUTH Ends: 08/22/2014 TTh PE14

Course Notes (Summer): PEA -001.-03: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

00862 PEA -001.-04 Adapted Total Fitness (LAB) 11:20 AM-12:20 PM Starts: 06/30/2014 BENNETT, MARY Ends: 08/22/2014 MW PE13

Course Notes (Summer): PEA -001.-04: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

00864 PEA -001.-05 Adapted Total Fitness (LAB) 02:10 PM-03:10 PM Starts: 06/30/2014 BAKER, TRACY Ends: 08/22/2014 MW PE13

Course Notes (Summer): PEA -001.-05: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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, strength, and flexibility 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 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.

00867 PEA -001X-61 Adapted Total Fitness (LAB) 05:00 PM-07:05 PM Starts: 06/30/2014 DOMINGUEZ, MICHAEL Ends: 08/22/2014 TTh PE13

Course Notes (Summer): PEA -001X-61: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00868 PEA -002.-01 Adapted Strength Development (LAB) 09:00 AM-10:00 AM Starts: 06/30/2014 BENNETT, MARY Ends: 08/22/2014 TTh PE13

Course Notes (Summer): PEA -002.-01: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

00869 PEA -002.-02 Adapted Strength Development (LAB) 11:40 AM-12:40 PM Starts: 06/30/2014 BENNETT, MARY Ends: 08/22/2014 TTh PE13

Course Notes (Summer): PEA -002.-02: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

11320 PEA -002.-03 Adapted Strength Development (LAB) 02:00 PM-03:00 PM Starts: 06/30/2014 PERKINS, NATHAN Ends: 08/22/2014 TTh PE13

Course Notes (Summer): PEA -002.-03: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

00871 PEA -002.-04 Adapted Strength Development (LAB) 10:10 AM-11:10 AM Starts: 06/30/2014 BENNETT, MARY Ends: 08/22/2014 MW PE13

Course Notes (Summer): PEA -002.-04: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

00872 PEA -002.-05 Adapted Strength Development (LAB) 01:00 PM-02:00 PM Starts: 06/30/2014 BAKER, TRACY Ends: 08/22/2014 MW PE13

Course Notes (Summer): PEA -002.-05: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

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 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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.

00873 PEA -002X-61 Adapted Strength Development (LAB) 05:00 PM-07:05 PM Starts: 06/30/2014 HAYNES, RUTH Ends: 08/22/2014 TTh PE13

Course Notes (Summer): PEA -002X-61: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

02:10 PM-03:10 PM Starts: 06/30/2014 PERKINS, NATHAN Ends: 08/22/2014 TTh PE13
PEA 4: Adapted Cardiovascular Training

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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 fitness 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. Class meets for eight weeks. This class meets at the Cupertino Senior Center at 21251 Stevens Creek Blvd., Cupertino, CA 95014.

Course Notes (Summer): PEA -005.-02: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks. Class meets in the Exercise Room at the Sunnyvale Senior Center, 550 E. remington Dr., Sunnyvale, California 94087.

Course Notes (Summer): PEA -006Y-01F: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks. Class meets at the Cupertino Senior Center, 21251 Stevens Creek Blvd., Cupertino, CA 95014.

PEA 5: Adapted Aquatic Exercise

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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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 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. Class meets for eight weeks.

Course Notes (Summer): PEA -005.-03: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

Course Notes (Summer): PEA -005.-04: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

Course Notes (Summer): PEA -005.-05: Must register through Disability Support Services - (408) 864-8753. Class meets for eight weeks.

PEA 6Y: Adapted Outdoor 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).  ||  Repeatability: (Repeatable as needed to meet the Student Educational Contract (Title 5, section 56029).)  ||  Formerly: (Formerly Adapted Physical Education 60 and 60X 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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 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, investigate flora and fauna, experience greater joy and personal fulfillment being in an outdoor environment. Mental and physical strength will be tested. Students with disabilities will learn new personal skills.

Course Notes (Summer): PEA 006Y-01F: Must register through Disability Support Services - (408)864-8753. Class meets for eight weeks at the Cupertino Senior Center, 21251 Stevens Creek Blvd, Cupertino, California 95014.

****** Philosophy

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<td># PEA -006Y-01F</td>
<td>Adapted Outdoor Education (LAB)</td>
<td>01:30 PM-04:40 PM</td>
<td>Starts: 06/30/2014</td>
<td>BEGGGS, THOMAS</td>
<td>CUPSC</td>
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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: English Writing 1A or English as a Second Language 5.
PHIL 2: Social and Political Philosophy

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: English Writing 1A or English as a Second Language 5.

Course Description: Examines fundamental issues and methods in social and political philosophy in their historical and cultural contexts. Issues include rights, equality, justifications for hierarchy, political systems (such as democracy, dictatorship, and collectivism), analysis of sources of inequality and domination as well as practices that challenge inequality domination.

11225 PHIL-002.-01 Social and Political Philosophy (CLAS) 07:30 AM-09:55 AM TWTh HANSON, ANTHONY L26
00885 PHIL-002.-02 Social and Political Philosophy (CLAS) 12:30 PM-02:55 PM TWTh BAIAMONTE, NICHOLAS FOR1

PHIL 3: Critical Thinking and 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: English Writing 1A.

Course Description: An introduction to the study of argumentation, critical evaluation, the structure of language in written composition, and research techniques. Practical applications of critical thinking skills in everyday situations such as problem solving and evaluation of arguments will also be explored. A major research paper is also required for the course.

00886 PHIL-003.-01 Critical Thinking and Writing (CLAS) 03:00 PM-06:05 PM TWTh BAIAMONTE, NICHOLAS FOR1

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: English Writing 1A or English as a Second Language 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.

10199 PHIL-004.-01 Critical Thinking (CLAS) 10:00 AM-12:25 PM TWTh LE, TRUNG ADM103
10200 PHIL-004.-02 Critical Thinking (CLAS) 03:00 PM-05:25 PM TWTh BUNCE, DANIEL ADM101
00887 PHIL-004.-03 Critical Thinking (CLAS) 12:30 PM-02:55 PM TWTh RAMIREZ, ANTONIO MLC111
00888 PHIL-004.-04 Critical Thinking (CLAS) 06:00 PM-09:50 PM MW LE, TRUNG MLC103

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: English Writing 1A or English as a Second Language 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. The course examines many approaches to Ethics (both Eastern and Western). Readings will be selected from moral philosophy, history, psychology, socio-cultural criticism, ethnic studies, and other sources (such as film and literature).

01102 PHIL-008.-01 Ethics (CLAS) 03:00 PM-05:25 PM TWTh HAMMERUD, RICHARD MLC103

***** Photography

CRN Course Title Time Dates/Days Instructor Location

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: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263; Mathematics 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.

00889 PHTG-001.-01 Basic Photography (CLAS) 09:30 AM-11:20 AM MW PIERCE, DIANE A65
00889 PHTG-001.-01 Basic Photography (LAB) 11:30 AM-02:20 PM MW PIERCE, DIANE A65
10075 PHTG-001.-02 Basic Photography (CLAS) 09:30 AM-11:20 AM TT PACK, TRESSA A65
10075 PHTG-001.-02 Basic Photography (LAB) 11:30 AM-02:20 PM TT PACK, TRESSA A65

PHTG 4: Introduction to Digital Photography

Unit(s): 3 | Hours: Two hours lecture, three hours laboratory (60 hours total per quarter). | Formerly: (Formerly Photography 64.) | General Education Status: Non-GE | Program Status: Program Applicable | Credit Status: Credit - Degree applicable | Grading Method: Letter Grade

Requisites: Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 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.

10946 PHTG-004.-01 Introduction to Digital Photography (CLAS) 12:30 PM-02:20 PM MW PAGE, MERI A92
10946 PHTG-004.-01 Introduction to Digital Photography (LAB) 02:30 PM-05:20 PM MW PAGE, MERI 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 -
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. Instruction on the use of film and/or digital cameras, lenses, and other creative controls of photography.

PHTG 60: Using a Digital Camera
Unit(s): 2 || Hours: Four hours lecture (48 hours total per quarter). || Formerly: (Formerly Photography 58) || General Education Status: Non-GE || Program Status: Program Applicable || Credit Status: Credit - Degree applicable || Grading Method: Letter Grade

Requisites: Requisite/Advisory: None.
Course Description: An online introduction to the fundamentals of digital cameras; basic camera types, controls, storage, image size, and display will be covered. Technical and compositional exercises will enhance the understanding of digital cameras and techniques covered.

CRN Course Title Time Dates/Days Instructor Location
10945 * PHTG-060.-61Z Using a Digital Camera (CLAS) TBA TBA BHATTACHARJI, SITA ONLINE
10945 * PHTG-060.-61Z Using a Digital Camera (LAB) TBA TBA BHATTACHARJI, SITA ONLINE

Course Notes (Summer): PHTG-060.-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/distance/

***** Physics

CRN Course Title Time Dates/Days Instructor Location
10857 PHYS-002A-01 General Introductory Physics (CLAS) 12:30 PM-01:45 PM Starts: 06/30/2014 Ends: 08/22/2014 FRANCIS, RONALD S35
10857 PHYS-002A-01 General Introductory Physics (CLAS) 10:30 AM-11:20 AM Starts: 06/30/2014 Ends: 08/22/2014 FRANCIS, RONALD S17
10857 PHYS-002A-01 General Introductory Physics (LAB) 11:30 AM-12:20 PM Starts: 06/30/2014 Ends: 08/22/2014 FRANCIS, RONALD S17

Course Notes (Summer): PHYS-002A-01: Class meets eight weeks beginning July 2.

10544 PHYS-002A-02 General Introductory Physics (CLAS) 12:30 PM-01:45 PM Starts: 06/30/2014 Ends: 08/22/2014 FRANCIS, RONALD S35
10544 PHYS-002A-02 General Introductory Physics (CLAS) 02:00 PM-02:50 PM Starts: 06/30/2014 Ends: 08/22/2014 FRANCIS, RONALD S17
10544 PHYS-002A-02 General Introductory Physics (LAB) 03:00 PM-03:50 PM Starts: 06/30/2014 Ends: 08/22/2014 FRANCIS, RONALD S17

Course Notes (Summer): PHYS-002A-02: Class meets eight weeks beginning July 2.

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: Mathematics 114 or equivalent; or a qualifying score on the Intermediate Algebra Placement Test. Advisory: English Writing 201 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Physics 50.
Course Description: An elementary study of the basic physical laws describing the motion of bodies. Includes the study of oscillations, waves, and sound. Applications to everyday physical phenomena in problem solving using verbal logic, critical thinking, and mathematics. In the laboratory, explore experimental scientific procedures by comparing theoretical models to classic experiments using standard measurement techniques, basic uncertainty analysis, and graphical interpretations of data.

00894 PHYS-010.-01 Concepts of Physics (CLAS) 05:30 PM-07:45 PM Starts: 06/30/2014 MTWTh KWOK, RAYMOND S32

PHYS 60: 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: Mathematics 43; Physics 10.
Course Description: A study in basic problem solving techniques in mechanics as a preparation for Physics 4A.

CRN Course Title Time Dates/Days Instructor Location
00895 PHYS-050.-01 Preparatory Physics (CLAS) 10:00 AM-12:25 PM Starts: 06/30/2014 TTh LUNA, EDUARDO S35
11183 PHYS-050.-02 Preparatory Physics (CLAS) 05:30 PM-07:55 PM Starts: 06/30/2014 TTh LUNA, EDUARDO S34

***** Political Science
Degree applicable
the historically (and currently) disenfranchised-- women, people of color, workers, immigrants, etc.

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 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.).

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

Requisites:

Course Notes (Summer):
00902 * POLI-001.-61Z American Government and Politics
00901 POLI-001.-07 American Government and Politics
10198 POLI-001.-06 American Government and Politics
00900 POLI-001.-05 American Government and Politics
00897 POLI-001.-03 American Government and Politics

Course Notes (Summer):
00903 POLI-001.-63 American Government and Politics
10967 PSYC-001.-04 General Psychology
07:30 AM-09:55 AM TWTh CASERTA, DOMINIC ADM101
10:00 AM-12:25 PM TWTh DRUEHL, GREGORY ADM119
12:30 PM-02:55 PM TWTh TULLY, DAVID MLC260
12:30 PM-02:55 PM TWTh CRAIN, CRISTALLEE MLC110
03:00 PM-05:25 PM TWTh TULLY, DAVID MLC260
03:00 PM-05:25 PM TWTh CRAIN, CRISTALLEE MLC110

00902 * POLI-001.-61Z American Government and Politics
TBA TBA YUEN, NICHOLAS ONLINE

Course Notes (Summer):
00903 POLI-001.-63 American Government and Politics
06:00 PM-08:25 PM TWTh DORABJI, ELENA L26

Course Notes (Summer):
00904 * POLI-001.-65Z American Government and Politics
TBA TBA YUEN, NICHOLAS ONLINE

Course Notes (Summer):
11246 * POLI-001.-66Z American Government and Politics
TBA TBA OTETZ, ROBERT ONLINE

Course Notes (Summer):
00906 POLI-010.-01 Introduction to Administration of Justice (CLAS)
10:00 AM-12:25 PM MTW GOMES, RODNEY L21

06:00 PM-09:50 PM TTh BONINI, GRIFFIN L21

Course Notes (Summer):
00907 POLI-010.-02 Introduction to Administration of Justice (CLAS)
10:00 AM-12:25 PM TWTh HASSETT, SHANNON FOR4

12:30 PM-02:55 PM TWTh CRAIN, CRISTALLEE MLC110
03:00 PM-05:25 PM TWTh TULLY, DAVID MLC260

Course Notes (Summer):
00908 POLI-095.-01 Overview of American Law (CLAS)
06:00 PM-08:25 PM TWTh HEALY, MARK ADM119

10:00 AM-12:25 PM TWTh ELLIS, TERRY L22

10:00 AM-12:25 PM TWTh CASERTA, DOMINIC ADM101
12:30 PM-02:55 PM TWTh DRUEHL, GREGORY ADM119

Course Notes (Summer):
10967 PSYC-001.-04 General Psychology
07:30 AM-09:55 AM TWTh FIRPO, CATHERINE L27
10:00 AM-12:25 PM TWTh RAMSKOV, CHARLES FOR1
12:30 PM-02:55 PM TWTh HASSELT, SHANNON FOR4
03:00 PM-05:25 PM TWTh CLIFFORD JR, JAMES L27
06:00 PM-08:25 PM TWTh HEALY, MARK ADM119

Course Notes (Summer):
10214 * PSYC-001.-61Z General Psychology
TBA TBA HURKMANS, LINDA ONLINE

Course Notes (Summer):
PSYC-001.-61Z: Online course. Access to e-mail and the Internet is required. Information on REQUIRED orientation available at http://deanza.edu/distance/

Course Notes (Summer):
PSYC-001.-66Z: Online course. Access to e-mail and the Internet is required. Information on REQUIRED orientation available at http://deanza.edu/distance/

PSYC 4: Abnormal Psychology
Unit(s): 4
Hours: Four hours lecture (48 hours total per quarter).
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: English Writing 1A or English as a Second Language 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.

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

Requisites:

Course Notes (Summer):
PSYC-001.-61Z: Online course. Access to e-mail and the Internet is required. Information on REQUIRED orientation available at http://deanza.edu/distance/
### PSYC 6: Introduction to Humanistic 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 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.)

- **Requisites**: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

- **Course Notes**: Also Listed As: (Also listed as Child Development 10G. Students may enroll in either department, but not both, for credit.)

| Course Notes (Summer): PSYC-004.-61Z: Online Course. Students must have a computer, the Web and an individual e-mail address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/ |

### 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 |

- **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.

- **Requisites**: (See general education pages for the requirement this course meets.) Advisory: English Writing 1A or English as a Second Language 5.

### 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 Child Development 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 |

- **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.)

- **Requisites**: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

### PSYC 10H: Child Growth and Development (Middle Childhood and Adolescence)

| Unit(s): 4 | Hours: Four hours lecture (48 hours total per quarter). | Also Listed As: (Also listed as Child Development 10H. 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 |

- **Course Description**: An introductory course that examines the major physical, psychosocial and cognitive/language developmental milestones for children, both typical and atypical, from school age through adolescence. 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.)

### PSYC 14: Developmental Aspects of 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 Description**: Interaction of the biological, social, cognitive and psychological development across the life span.

### PSYC 64: Psychology Internship

| Unit(s): 4 | Hours: Four hours laboratory per unit of supervised internship in an authorized office or agency (48 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**: Advisory: English Writing 1A or English as a Second Language 5; Psychology 1.

### PSYC 64X: Psychology Internship

| Unit(s): 4 | Hours: Four hours laboratory per unit of supervised internship in an authorized office or agency (48 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**: Advisory: English Writing 1A or English as a Second Language 5; Psychology 1.
**PSYC 64Y: Psychology Internship**  
Unit(s): 3 || Hours: Four hours laboratory per unit of supervised internship in an authorized office or agency (48 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

**PSYC 64Z: Psychology Internship**  
Unit(s): 4 || Hours: Four hours laboratory per unit of supervised internship in an authorized office or agency (48 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

**Reading**  
**Important Department Information:** See other self-paced Reading courses under Skills.

**Real Estate**

**Real Estate Principles**  
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

**Real Estate Practices**  
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

**Sign Language**  
**Elementary American Sign Language (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

**Important Department Information:** Development of and practice in elementary American Sign Language (ASL): preparation for acquiring a visual gestural language; finger spelling;
.vocabulary; modeling and use of basic grammatical structure. Beginning communication skill with emphasis on comprehension. Basic cultural aspects of deafness; historical and linguistic elements of sign language. Taught primarily in American Sign Language.

00946 SIGN-001.-01 Elementary American Sign Language (First Quarter) (CLAS) 10:00 AM-12:15 PM MTWTh CHEUNG, MICHAEL L84
00947 SIGN-001.-61 Elementary American Sign Language (First Quarter) (CLAS) 06:00 PM-08:15 PM MTWTh RAWSON, DAVID MLC110

***** Sociology

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<th>Dates/Days</th>
<th>Instructor</th>
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</table>
| SOC 1: Introduction to Sociology

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: English Writing 1A or English as a Second Language 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.

10004 SOC -001.-01 Introduction to Sociology (CLAS) 07:30 AM-09:55 AM TWTh PASION, MARK S75
10190 SOC -001.-02 Introduction to Sociology (CLAS) 10:00 AM-12:25 PM TWTh DEHAAN, JASON E35
10960 SOC -001.-03 Introduction to Sociology (CLAS) 10:00 AM-12:25 PM MTW DEHAAN, JASON E35
00954 SOC -001.-04 Introduction to Sociology (CLAS) 12:30 PM-02:55 PM TWTh FABIAN, RIKA ADM119
10328 SOC -001.-05 Introduction to Sociology (CLAS) 03:00 PM-05:25 PM TWTh DEHAAN, JASON L21
00957 * SOC -001.-61Z Introduction to Sociology (TBA) TBA TBA TAIPA, MARISTELLA ONLINE

Course Notes (Summer): SOC -001.-61Z Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

00956 * SOC -001.-65Z Introduction to Sociology (TBA) TBA TBA TAIPA, MARISTELLA ONLINE

Course Notes (Summer): SOC -001.-65Z 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/distance/.

SOC 4: Race, Ethnicity and Inequality

Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as Intercultural Studies 4. 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: English Writing 1A or English as a Second Language 5.

Course Description: An interdisciplinary examination of major concepts and controversies of sociology 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.

11173 * SOC -004.-61Y Race, Ethnicity and Inequality (CLAS) 06:00 PM-09:50 PM T CHOI, SOO MLC113
11173 * SOC -004.-61Y Race, Ethnicity and Inequality (TBA) TBA TBA TAIPA, MARISTELLA ONLINE

Course Notes (Summer): SOC -004.61Y Hybrid. Some online instruction. Access to the internet required. Class meets physically on Tuesdays in MLC 113 and on Thursdays online. Instructor will be available online Thursdays from 6-9:50pm.

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: English Writing 1A or English as a Second Language 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.

10003 SOC -020.-01 Social Problems (CLAS) 10:00 AM-12:25 PM TWTh JEUNG, JENSEN MQ-2
11255 SOC -020.-02 Social Problems (CLAS) 12:30 PM-02:55 PM TWTh JEUNG, JENSEN MQ-2

SOC 35: Marriage, Family, and Intimate Relationships

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: English Writing 1A or English as a Second Language 5.

Course Description: A sociological investigation and analysis of the diversity of family structures and intimate relationships in society. Topics to be explored include the history of the family, gender socialization and inequality, dating, divorce and remarriage, gay and lesbian relationships, the family as an economic unit, communication and conflict resolution, sexuality, interracial relationships, and domestic violence.

11252 SOC -035.-01 Marriage, Family, and Intimate Relationships (CLAS) 07:30 AM-09:55 AM MTW NAVA, STEVE MLC111

***** Social Science

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<th>CRN</th>
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</thead>
</table>
| SOC 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.

11184 SOSC-080X-65R Community Based Learning in Social Sciences - Beginning (TBA) TBA TBA CRAIN, CRYSTALLEE TBA
***** Spanish *****

SPAN 1: Elementary Spanish (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: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Introduction to the language and cultures of Spanish-speaking world areas. Speaking, listening, reading and writing language skills at the first level of elementary Spanish are developed within the framework of language as a fundamental expression of culture. Spanish is the primary language of instruction. Language laboratory practice and/or assignments, at home and/or in the language lab, are an integral part of instruction supporting the development of language skills in the areas of pronunciation, structure, syntax, and oral communication.

00964 SPAN-001.-01 Elementary Spanish (First Quarter) (CLAS) 07:30 AM-09:45 AM MTWTh MANCILLA, JEFFREY MCC-12
00963 SPAN-001.-02 Elementary Spanish (First Quarter) (CLAS) 12:30 PM-02:45 PM MTWTh ORTIZ PARRA, LUCILA L65

SPAN 2: Elementary Spanish (Second 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.) Prerequisite: Spanish 1 (equivalent to one year of high school Spanish) or equivalent.
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Development of elementary language skills for oral and written communication using language structures and functions targeted for the second level of elementary Spanish. Spanish is the primary language of instruction. Speaking, listening, reading and writing skills at the second level of elementary Spanish will be developed within the framework of language as a fundamental expression of culture, with continued presentation of the cultures of Spanish-speaking world areas. Language laboratory practice and/or assignments at home and/or in the language lab, are an integral part of instruction supporting the development of language skills in the areas of pronunciation, structure, syntax, and oral communication.

00967 SPAN-002.-01 Elementary Spanish (Second Quarter) (CLAS) 10:00 AM-12:15 PM MTWTh MANCILLA, JEFFREY L65

SPAN 3: Elementary Spanish (Third 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.) Prerequisite: Spanish 2 (equivalent to two years of high school Spanish) or equivalent.
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Development of elementary language skills for oral and written communication using language structures and functions targeted for the third level of elementary Spanish. Spanish is the working language. Focus is on greater structural accuracy and communicative competence within the framework of language as a fundamental aspect of culture. Language laboratory practice and/or assignments at home and/or in the language lab are an integral part of instruction, supporting the development of language skills in the areas of pronunciation, structure, syntax and oral communication.

00970 SPAN-003.-01 Elementary Spanish (Third Quarter) (CLAS) 10:00 AM-12:15 PM MTWTh ABRICA-CARRASCO, RUBEN L66

SPAN 4: Intermediate Spanish (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.) Prerequisite: Spanish 3 (equivalent to three years of high school Spanish) or equivalent.
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Description: Reading and discussion of texts dealing with the literature, arts, culture, history and geography of the Spanish-speaking world. Review and expansion of the structures, grammatical features and linguistic functions of elementary Spanish. Development of reading, writing, speaking and listening skills at the first intermediate level within the framework of language as a fundamental expression of culture.

11108 SPAN-004.-01 Intermediate Spanish (First Quarter) (CLAS) 12:30 PM-02:45 PM MTWTh ABRICA-CARRASCO, RUBEN L61

***** Speech/Communication *****

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.

SPCH 1: Public Speaking
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: English Writing 1A or English as a Second Language 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, organize, deliver, and evaluate public presentations.

00976 SPCH-001.-01 Public Speaking (CLAS) 07:30 AM-09:55 AM TWTh HASAN, ZAKI L45
11360 SPCH-001.-02 Public Speaking (CLAS) 07:30 AM-09:55 AM TWTh STAFF, M MLC270
01121 SPCH-001.-03 Public Speaking (CLAS) 12:30 PM-02:55 PM TWTh KRAMER, ALEXANDER L43
00978 SPCH-001.-04 Public Speaking (CLAS) 10:00 AM-12:25 PM TWTh LEE, PETER L45
00979 SPCH-001.-05 Public Speaking (CLAS) 03:00 PM-05:25 PM TWTh MCDONNELL, PATRICK L48
00980 SPCH-001.-06 Public Speaking (CLAS) 12:30 PM-02:55 PM TWTh POZZI, DANA L45
11359 SPCH-001.-062 Public Speaking (CLAS) 06:00 PM-08:50 PM TH LEE, PETER L43
00981 SPCH-001.-07 Public Speaking (CLAS) 12:30 PM-02:55 PM TWTh GAINER, BRANDON L49
### SPCH 7: Intercultural Communication

**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: English Writing 1A or English as a Second Language 5.

**Course Description:** Study of intercultural communication in domestic and global contexts. Examines how differing cultures, languages, and social patterns influence the way members of groups relate among themselves and with members of other ethnic and cultural groups. Emphasizes development of interpersonal skills for communicating effectively across cultures and encourages appreciation of diverse cultural voices.

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<td>00990</td>
<td>Intercultural Communication (CLAS)</td>
<td>10:00 AM-12:25 PM TWTh</td>
<td>COLE, CONSTANCE</td>
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<tr>
<td>00991</td>
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<td>12:30 PM-02:55 PM TWTh</td>
<td>COLE, CONSTANCE</td>
<td>MCC-12</td>
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### SPCH 8: Argumentation and Critical Inquiry in Oral Communication

**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: English Writing 1A or English as a Second Language 5; Speech Communication 1 or 10.

**Course Description:** Prepare students to confidently, responsibly, and effectively engage in public and private discourse. Practice in the principles of critical inquiry, advocacy, and debate including analysis of propositions, research and testing evidence, advancing reasoned positions, and defending and refuting claims.

<table>
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<th>Course Title</th>
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<td>01122</td>
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<td>07:30 AM-09:55 AM TWTh</td>
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<td>L43</td>
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### SPCH 10: Fundamentals of Oral Communication

**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: English Writing 1A or English as a Second Language 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.

<table>
<thead>
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<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
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<td>06:00 PM-09:50 PM TWTh</td>
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</table>

### SPCH 15: Critical Decision-Making in Groups

**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: English Writing 1A or English as a Second Language 5; Speech Communication 1 or 10.

**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.

<table>
<thead>
<tr>
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<th>Instructor</th>
<th>Location</th>
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<td>Critical Decision-Making in Groups (CLAS)</td>
<td>10:00 AM-12:25 PM TWTh</td>
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### SPCH 7X: Special Individual Projects in Speech Communication

**Unit(s):** 2  
**Hours:** Three hours laboratory for each unit of credit (36 hours total for each unit of credit per quarter).  
**Formerly:** (Formerly Speech Communication 40, 40X, 40Y and 40Z 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. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

**Course Description:** Individual special reading, writing, presentation, facilitation, and/or community service/civic engagement leadership projects in Speech Communication as determined in consultation with the instructor.

<table>
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### SPED 231: Workforce Skills

**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:** Non-GE  
**Program Status:** Not Program Applicable (Stand Alone)  
**Credit Status:** Credit - Not degree applicable  
**Grading Method:** Pass/Fail  

**Requisites:** Requisite/Advisory: None.
<table>
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<td>08:00 AM-02:20 PM</td>
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### Theatre Arts

#### THEA 1: Appreciation of Theatre

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<td>HOPE</td>
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#### SPED 231U: Workforce Skills

Course Description: Development of workforce skills in support of entry-level jobs and the goals identified in the Student Educational Contract. Individualized instruction and training designed for adults with disabilities.

Requisites: Requisite/Advisory: None.

Course Notes (Summer): Class is located at the HOPE Whittier Site, 1555 Parkmoor Dr., San Jose, CA 95128

#### SPED 231V: Workforce Skills

Course Description: Development of workforce skills in support of entry-level jobs and the goals identified in the Student Educational Contract. Individualized instruction and training designed for adults with disabilities.

Requisites: Requisite/Advisory: None.

Course Notes (Summer): Class is located at the HOPE Whittier Site, 1555 Parkmoor Dr., San Jose, CA 95128

#### SPED 231W: Workforce Skills

Course Description: Development of workforce skills in support of entry-level jobs and the goals identified in the Student Educational Contract. Individualized instruction and training designed for adults with disabilities.

Requisites: Requisite/Advisory: None.

Course Notes (Summer): Class is located at the HOPE Whittier Site, 1555 Parkmoor Dr., San Jose, CA 95128

#### THEA 1: Appreciation of Theatre

Course Description: 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 Description: An introduction to theatre from an audience perspective. Study of elements of dramatic art form and play production, including dramatic theory, language, space, plot, characterization, technical theatre, acting, directing, playwriting, design, and the relationship with other art forms. Includes drama written from diverse cultural and historical perspectives. Attendance at assigned performances required.

Requisites: (See general education pages for the requirement this course meets.) Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Course Notes (Summer):

WMST-008.-61Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

WMST-008.-65Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/

WMST 21: Women in Literature
Unit(s): 4 || Hours: Four hours lecture (48 hours total per quarter). || Also Listed As: (Also listed as English Literature 21. 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

Course Notes (Summer): WMST-008.-65Z: Online Course. Students must have access to a computer, the Web and an individual email address. Information on REQUIRED orientation available at http://www.deanza.edu/distance/
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

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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.