

Section: 03
Course Number: 40218
Time: 8:30 – 9:20 A.M. MTWThF
Classroom: E32
Instructor: Misako van der Poel
Email: van_der_poelmisako@fhda.edu

Office Hours:
S 43 (Tutorial Center)
Friday 9:30 – 10:30 A.M.

Math 43 Precalculus III – Advanced Topics Spring 2015

MATERIALS

Precalculus with Limits, 2nd edition, by Larson. ISBN: 978-1-4390-4909-9 (**optional**).

Use of **WebAssign** is required for homework assignments. You must self enroll.

Got to <http://www.webassign.net>, click on “I Have a Class Key,” enter the class key:

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|--------|------|------|
| deanza | 8797 | 6131 |
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and follow instructions on the screen.

If you purchase the textbook in new condition through the De Anza book store, you will get an access code bundled with the book. Otherwise, you will need to purchase online access to use WebAssign.

COURSE DESCRIPTION

Topics include plane and solid analytic geometry; polar coordinates & parametric equations; solving systems of linear and non-linear equations; and sequences and series.

STUDENT LEARNING OUTCOMES

- Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.
- Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.
- Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction

PREREQUISITES

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.

HOMEWORK

Homework will be assigned weekly and late work will not be accepted. **You will turn in your homework assignments on WebAssign, www.webassign.net.**

Each homework assignment (each section) is worth 6 points and three lowest scores will be dropped. Please read “Homework Guidelines.”

EXAMS

There will be three exams. Each exam is worth 100 points. The exams are closed book. You may use **one 3" by 5" index card (both sides)** for notes, a **graphing calculator**, and **pencils**. There are **no dropped exams**.

Missed Exam: There are **no make-up exams**, regardless of why you missed it. If you are unable to take the exam at the scheduled time due to illness or an emergency, I will then use your percentage from the final exam minus 10% to compute your score for the missed exam. (Example: Your score on the final exam is 80%. I will take 70% of 100 to compute your exam score.) If a second exam is missed, you will get a zero.

FINAL EXAMS

There will be a mandatory comprehensive two-hour final exam worth 150 points, and this exam must be taken during the scheduled exam time on **June 23 at 7:00am-9:00am**. The final will cover all the material discussed during the quarter. Missing the final will result in a grade of "F" for the course. You may use **two 3" by 5" note cards (both sides)** for notes, a **graphing calculator**, and **pencils** on the exam.

WORKSHEET / QUIZZES / PARTICIPATION

Worksheet will be collected at the end of each class and graded. Two points will be given for a correct answer. Some pop-quiz questions will be given as a worksheet question.

CALCULATORS

Graphing calculator (required): Calculators that does symbolic logic, such as TI 89 , 92, or HP-49 are not allowed to use on quizzes or exams. The **TI-83, TI-83 plus, TI-84, or TI-84 plus** are **recommended** for the students. Students can not share calculators for quizzes or exams. The instructor can not lend her calculator.

GRADES

Your grade will be based upon the total points earned, according to the following:

| | |
|-----------------------------------|---------------------------|
| Homework | 150 points |
| Worksheet/ Quizzes/ Participation | 150 points |
| Midterms | 300 points (100 pts each) |
| Final Exam | 200 points |
| Total | 800 points |

| | |
|------------------|----|
| 740 – 800 points | A |
| 710 – 739 points | A- |
| 680 – 709 points | B+ |
| 650 – 679 points | B |
| 620 – 649 points | B- |
| 590 – 619 points | C+ |
| 540 – 589 points | C |
| 480 – 549 points | D |
| Below 480 points | F |

The De Anza College catalog advises students to do at least 2 hours of work outside the classroom for each hour spent in class.

TUTORIAL HELP

Math Tutorial Center in S43

If you need help in the course, check Math Tutorial Center in S43 for FREE INDIVIDUAL, DROP-IN or GROUP TUTORING. Free tutoring usually available and depends on availability of tutors & funding.

Student Success Center

Meet with tutors and attend workshops in the Student Success Center:

www.deanza.edu/studentsuccess.

Can't make it to campus?

Use the free online tutoring available to all De Anza students. Just login to [MyPortal](#), go to the Students tab, and find the Smarthinking link. For more information, go to

deanza.edu/studentsuccess/onlinetutoring/

STUDENT RESPONSIBILITIES

1. It is your responsibility to keep up with the material even if you miss class. If you miss a class, it is your responsibility to get the notes from someone else in this class. Also, discuss the notes with others then come ask me questions about the material.
2. Students are responsible for any material covered and any announcements made in their absence.
3. It is the students' responsibility to inform the instructor if she/he is absent. Dropping or withdrawal from the class is the students' responsibility. A student who stops coming to class and does not drop will get an **F** grade. If you plan on dropping the class, it is your responsibility to use "MyPortal" online, or go to the Admissions and Records office.

ACADEMIC DISHONESTY

Academic dishonesty will not be tolerated. If a student is found cheating on an exam, plagiarizing on writing assignments, or violating other codes of academic integrity, he or she will receive a failing grade for the course and may be reported to the college for an appropriate action. See section on Academic integrity in your current schedule of classes catalog.

DISABILITY SUPPORT SERVICES

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see contacts below:

Disability Support Service (DSS): Student Services Building (408) 864-8753; TTY 408) 864-8753

Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839

Special Education Division: 864-8407; www.deanza.edu/specialed

CLASSROOM CONDUCT

Attendance:

Your attendance is vital to your success in this class.

1. During the first two weeks of the quarter, I will drop students for lack of attendance, to give room to students on the waitlist. So if you have to miss a class during the first two weeks, it is crucial that you contact me.
2. Any student with a total of five absences in the quarter may be dropped from the course. Note that two instances tardiness results in one absence and also any instance of leaving class early will be treated as a tardy.
3. A person is tardy to class if he/she is not in his/her chair when the class starts at 7:30 AM. Plan to attend class regularly, arrive on time, and stay for the whole class.

Electronic Devices - cell phones, laptops, iPads, iPods, etc.:

1. All listening devices and all cell phones must be turned off and must not remain on a student's desk during class.
2. No electronics devices, such as laptops or iPads are not allowed to use during class.
3. No texting on your cell phone is allowed during class.

Classroom Etiquette:

1. No eating or chewing in class.
2. No talking except to ask questions of the instructor or answer questions posed by the instructor. Even one side conversation can carry throughout the room and distract other students.
3. Students who are disruptive will be removed from the course.

Consequences for Disruptive Behavior:

First incident (not severe) – discussion and verbal warning

Second incident –

1. Dismissed for the remainder of the class and possibly the next class period.
2. A disruptive behavior report will be written and sent to the Dean of Student Services
3. Division Dean will be informed
4. A meeting during office hours will be required to write up an agreement on future behavior in class.

Third incident –

1. Dropped from the class.
2. Disruptive Behavior Report will be written and sent to the Dean of Student Services.
3. Division Dean will also be informed.

IMPORTANT DAYW TO REMEMBER

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|--------------------|--|
| Saturday, April 18 | Last day to add quarter-length classes |
| Sunday, April 19 | Last day to drop for a full refund or credit . |
| Friday, May 29 | Last day to drop with a "W" |

Spring 2015**Math 43****Course Schedule**

| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|--------------|--------------------------|--|------------------------------------|-----------------------------|------------------------------------|
| April | Syllabus 6 | 7.1 7 | 7.2 8 | 7.3 9 | 7.3 - 7.4 10 |
| April | 7.4 13 | 7.5 14 | 7.5 & 8.1 15 | 8.1 16 | 8.1- 8.2 17 |
| April | 8.2 20 | 8.3 21 | 8.4 22 | 8.5 23 | 8.5 24 |
| April | Review 27 | Exam 1 (Ch 7&8) 28 | 9.1 29 | 9.1 - 9.2 30 | 9.2 1 |
| May | 9.3 4 | 9.3 5 | 9.4 6 | 9.4 7 | 9.5 8 |
| May | 1.2 & 10.2 11 | 10.2 12 | 10.3 13 | 10.4 14 | 10.4 15 |
| May | 10.6 18 | 10.6 - 10.7 19 | 10.7 20 | 10.8 21 | 10.8 22 |
| May | No Class 25 | 10.9 26 | 10.9 27 | Review 28 | Exam 2 (Ch 9&10) 29 |
| June | 6.3 1 | 6.3 - 6.4 2 | 6.4 3 | 11.1 4 | 11.1 5 |
| June | 11.2 8 | 11.2 9 | 11.3 10 | 11.3 11 | 11.4 12 |
| June | 11.4 15 | Review 16 | Exam 3 (Ch 6&11) 17 | Review for Final Exam 18 | Review for Final Exam 19 |
| June | Review for Final Exam 22 | Final Exam 7:00am-9:00am 23 | 24 | 25 | 26 |