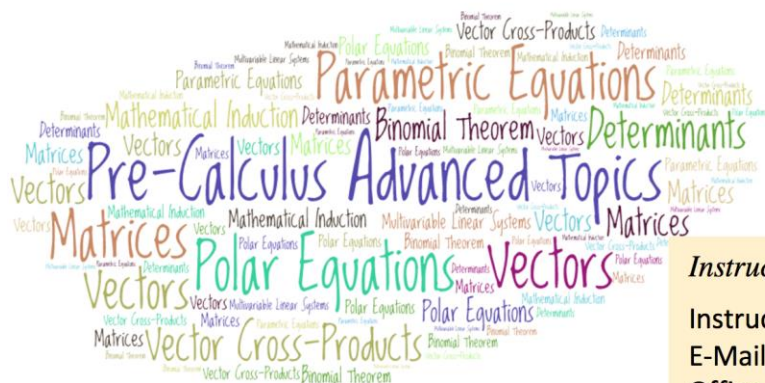


# MATH 43

Pre-Calculus III Advanced Topics  
Spring 2018  
Section 5, CRN 40222  
G-5, 9:30 – 10:20p MTWRF



## Instructor and Contact Information

Instructor: LISA MESH

E-Mail: [meshlisa@fhda.edu](mailto:meshlisa@fhda.edu)

Office Hours & Location: Mon/Wed: 1:30-2:20p in S-43

Tues/Thurs: 8:30 – 9:20p in S-43

Office Location: F31D

**PREREQUISITE:** MATH 41 and MATH 42 (both with a grade of C or better); or a satisfactory score on Calculus Readiness Test within the last calendar year.

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

## Class Website / Canvas

We'll be using **CANVAS** to manage our class documents and deadlines. Your canvas connection should work, giving you access to all relevant course materials for our class.

*If you know how to access Canvas, go to it!* Otherwise, try the steps below.

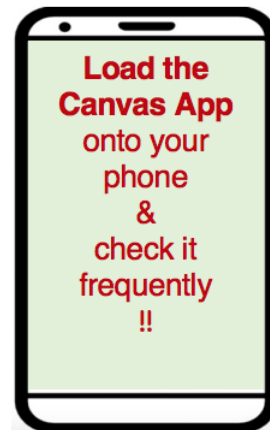
- Log into [MyPortal](#) then click on your **Student** tab.
- Once on the student tab, look down the left side of your screen and click on **Log into Canvas** under **My Online Courses**.
- Once in Canvas, click on our course:

**Sp18 MATH D043 05 Precalc Iii: Advanced Topics**

Our Canvas page contains LOTS of tools and documents for our class.

*It includes links to the course syllabus (attached to this e-mail), links to our online homework tool ([WebAssign](#)), Class Notes, and other useful items.*

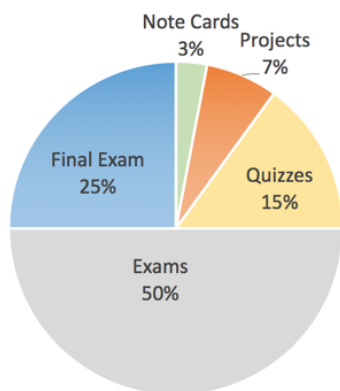
It will be updated and modified throughout this quarter.



## Required Materials

- **Textbook** – [Precalculus with Limits](#), 3<sup>rd</sup> edition, by Ron Larson. ISBN: 978-1133947202
- **Calculator** – Recommended calculators are TI-83, TI-83+, TI-84 and TI-84+. If you have another calculator, please have it approved by the instructor before our first quiz. Calculators that do symbolic logic (eg. TI-89, TI-92, HR-49, etc. will not be permitted during quizzes and exams. Your phone is not your calculator. If you have your phone out during a quiz or test, you'll receive a zero on that assessment.

Grades will be assigned as follows:



Grade	Percentage	Grade	Percentage
A+	At least 98%	B -	80% – 81%
A	92% – 97%	C+	78% – 79%
A -	90% – 91%	C	70% – 77%
B+	88% – 89%	D	60% – 69%
B	82% – 87%	F	Under 60%

**Make up Policy –** There are no make ups.

You **MUST** take the exams on the dates listed. There are absolutely no make-up quizzes or exams. The final exam date and time have been determined and mandated by the college.

No early/late final exam may be scheduled. If you know that you are unable to take the final at the date and time above, you must drop the class now.

**Late Policy –**Late projects will be accepted, but will incur 3 points off for each school day late.

**Dropped/Replaced Grades –** (1) Lowest quiz score is dropped (2) Lowest exam grade will be replaced by final exam grade if the final exam grade is higher than the lowest exam grade.

**Homework (Not Graded):**

Homework will be assigned, but it won't be submitted or graded. Homework questions will be answered at the beginning of class (time permitting) or during office hours in the Math, Sciences & Technology Resource Center [located in S-43]. Homework help will also be available through tutors in the Center outside of my office hours.

**Beginning of Class Notecards (3% of final grade):**

We'll answer one or two questions at the beginning of most classes. Answers will be reviewed and will be most often based on material from the prior day's discussion.

**Projects (7% of final grade):**

We'll complete two projects for this class. I encourage you to submit projects by groups of 1 or 2 students. These projects are intended to gain deeper learning of core topics covered in our class.

**Quizzes (15% of your course grade):**

We'll have 7 quizzes; 6 best quiz scores are counted. The lowest quiz will be dropped; however, you are not allowed to drop a quiz in which you cheat. Quiz dates are scheduled after we cover each chapter on the attached initial calendar, but may change as we progress through the quarter. Please keep up with adjustments via Canvas.

Quizzes will be timed and most will last approximately 30 minutes. *After each quiz is completed, please plan to stay for remainder of class time.* I understand that life happens and that you may miss a quiz during this quarter for some reason. My class policy is that there are no late or make-up quizzes. With both of these thoughts, in mind, your lowest quiz score will be dropped.

**Midterm Exams (50% of your course grade):**

We will have 4 midterm exams through the quarter in addition to the final. Midterm exams will last approximately 50 minutes.

Each of the midterm exams will cover only the material since the previous test.

Although tentative dates for these exams are posted on the course calendar (attached later in this document), we'll set each date firmly at least one week in advance.

I understand that you may be required to miss an exam because of circumstances in life, and my policy is that there are no late or make-up exams. That said, if you miss an exam, you'll earn a score of 0 on that exam....and....Your final exam score will replace your lowest midterm exam score, even if your lowest exam score is a zero. Note that if your lowest mid-term exam score is the result of cheating or cell phone misuse, that score will not be replaced by the final exam score, but the next lowest will.

**Final Exam: Tuesday, 6/26 (9:15 – 11:15A)**

The final exam will be 2 hours long, worth at least 25% of your final grade, and will be mandatory. It will be comprehensive and will include all material covered during the quarter.

The final exam will cover material from the whole course.

If English is a second language (ESL), you may use a print (not electronic) English translation dictionary is allowed for exams/quizzes.

*If you miss the final exam without contacting me (your instructor), you will receive a score of 0 on the Final Exam.*

**I encourage you to write all quizzes and exams in pencil or erasable ink. Please keep it neat! If I can't read your work, you may not receive full credit.**

**Tips for Success in our class.**

- Attend class.
- Ask questions.
- Work the assigned homework exercises (+ others!) and bring questions to class.
- Take notes during class using pen & paper or a pen & pad.
- Participate in class. We'll all learn more if you ask questions, add observations, and insist on resolving issues that you don't quite understand.
- Get help if you need it. Use resources in the Math, Science and Technology Learning Center (S-43)
- Work with others in this class. Share contact information with classmates and work together.
- Attend office hours. I'm happy to help, and I value your questions. If you have them, others will too.

**Accommodations for Students with Disabilities:**

If you have questions about these services or your eligibility for support services or eligibility, contact one of the following resources:

- Disability Support Service (DSS): Student Services Building (408) 864-8753, TTY (408) 864-8748
- Educational Diagnostic Center (EDC): Learning Center West 110 (408) 864-8839
- Special Education Division: (408) 864-8407; [www.deanza.edu/specialed](http://www.deanza.edu/specialed)

Speak with me privately after class or during office hours regarding your accommodations. All exams scheduled out of the classroom must be scheduled for a time period that at least overlaps class hours. Exams will not be authorized for vastly different time periods.

**Academic Integrity:**

***Cheating and academic dishonesty*** aren't tolerated and can result in a grade of 0 or F for the assignment (quiz/exam/other assignment) or a grade of F for the course and referral to the Dean for academic discipline. ***Just don't do it.*** Any grade of 0 or F for dishonesty will be not be dropped and not replaced.

Cheating includes, but isn't limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that isn't your own, using notes that don't meet permitted specifications, continuing to write/erase on an exam/quiz after permitted time has ended, changing your exam/quiz paper after it's been graded and then requesting a grading correction.

**Class Cancellation / Emergency:**

If I need to cancel class or cannot attend, I'll e-mail you as soon as I can, using announcements via Canvas.

If class is canceled for any reason or if an emergency causes campus to be closed, assume that any quiz, exam or due date scheduled on the date will be rescheduled to your next class meeting. If there are other changes, I'll announce them in the class after classes resume. Check our Canvas page and email for notices/announcements.

In the event of an emergency during class that requires evacuation of the building, leave the class immediately, but calmly. In the event of an earthquake, take cover under your desk, making sure that your head is protected as best as possible. As soon as possible, evacuate the building. In the event of a local emergency not requiring evacuation, call 911 immediately.

**Disclaimer:**

Any of information in this syllabus is subject to change if the instructor finds it necessary. Changes will be announced during a class session and those who are absent will be held responsible for any announced changes to the syllabus.

**Thanks for reading this in detail.  
If you have any questions at all regarding our class, please ask me.  
I'm really looking forward working together!**

MATH 043.05 - Pre-Calculus III Advanced Topics – Spring 2018

**Tentative Course Schedule**

Dates related to homework, chapters covered, quizzes and mid-term exams **may change slightly as we go through the quarter. The instructor will maintain a current calendar on our class Canvas page.** Please refer to it as our factual base through the quarter.

**Note: FINAL and dates for drop/add/request pass/no pass are set by the college and will not change.**

Monday	Tuesday	Wednesday	Thursday	Friday
4/9 Introductions	4/10 Hyperbolic Functions	4/11 Hyperbolic Functions	4/12 10.7	4/13 10.7 Quiz 1
4/16 10.8	4/17 10.8	4/18 10.9	4/19 10.9	4/20 10.6 Quiz 2
4/23 10.6	4/24 10.6	4/25 Review Project #1 Due	4/26 6.4 / 11.1	4/27 Exam 1
4/30 11.1	5/1 11.2	5/2 11.2	5/3 11.3	5/4 11.3 Quiz 3
5/7 11.4	5/8 11.4	5/9 Review	5/10 Exam 2	5/11 9.1
5/14 9.1	5/15 9.2	5/16 9.2	5/17 9.3	5/18 9.3 Quiz 4
5/21 9.4	5/22 9.4	5/23 9.5	5/24 9.5	5/25 Applications Quiz 5
5/28 Memorial Day Holiday	5/29 Review	5/30 Exam 3	5/31 7.1	6/1 7.1
6/4 7.2	6/5 7.2	6/6 7.3	6/7 7.3	6/8 Quiz 6 8.1
6/11 8.1	6/12 8.2	6/13 8.3	6/14 8.3	6/15 8.4 Quiz 7 Project #2 Due
6/18 8.4	6/19 Exam 4	6/20 7.5	6/21 7.5	6/22 Review
6/25	6/26 Final Exam 9:15-11:15a	6/27	6/28	6/29

**College Schedule & Deadlines**

- Last day to **add a class**: 4/21 (Sat)
- Last day to **drop for full refund/credit**: 4/22 (Sun)
- Last day to **drop with no record of grade**: 4/22 (Sun)
- Last day to **drop with a "W" (withdraw)**: 6/1 (Fri)
- **Final Exam**: June 26 @ 9:15-11:15a

**College Holidays (No Class)**

- Memorial Day – Mon (5/28/17)

*If you have additional questions, consult Canvas/College Calendars online @ [www.deanza.edu](http://www.deanza.edu)*

**Student Learning Outcome(s):**

\*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.