Spring 2017 – Pre-Calculus I: Theory and Functions
Section 41.11 – CRN 40236

Instructor: Lisa Mesh

email: meshlisa@fhda.edu [Best way to contact me is via email!]

Phone: 704-756-2264 [Message me if you have an urgent issue.]

Office Hours / Location:
- Mon – Thurs: 9:30-10:30a in S-43
- Additional hours by appointment

Class Time/Location:
Math 41.03 will meet at 12:30 – 1:20pm MTWRF in G-7

Student Learning Outcomes:
1. Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.
2. Synthesize, model, and communicate real life applications and phenomena using algebraic and transcendental functions.

Course Outline of Required Topics: http://ecms.deanza.edu/outlineprogresspublic.html?catalogID=2338

Prerequisites:
Mathematics 114 or equivalent (with a grade C or better); or a satisfactory score on the College Level math Placement Test within the last calendar year.

Text: Precalculus with Limits, 3rd edition, by Larson.
- I strongly **advise you to purchase the bundle that includes a loose-leaf hardcopy of the textbook + WebAssign access that is sold in our DeAnza campus bookstore**, particularly if you plan to take the full Pre-Calculus course sequence. The cost of this bundle is approximately $130, but remember, you'll be able to use it for all of your Pre-Calculus course sequence (math 41, 42, and 43).

Calculator:
A graphing calculator is required for this class. I recommend a TI-83 or TI-84**. Cell phone calculators are not allowed during quizzes or exams.**

Software: All homework for this class will be done online using WebAssign.
- Please see Textbook requirement above.
    - If you purchase the bundle, this will include the necessary access to WebAssign.
    - If you do not choose to purchase the bundle from the bookstore, WebAssign will allow you a 2-week free trial, if you choose to take it. After that 2-week trial, you will be required to pay for the ebook/webassign access that will include access to an online ebook.
- Here's how you get access to WebAssign.
    - 1 – Go to the student tab in MyPortal
    - 2 - Click on the link within My Online Courses that says "Sign into Canvas"
    - 3 – Click on the Modules link on our Canvas Homepage
    - 4 – Once on Modules link, choose the WebAssign module .
    - 5 – Click on the "Load WebAssign" in a new window.
    - 6 – If you're a new user, follow prompts to create a new account.   If you already have a WebAssign account, follow prompts to access your existing account.
- You can work on any homework, save/submit your work, stop, and come back and add to it or change it later, just remember to SAVE YOUR WORK. WebAssign will keep track of your progress for you. *When you've completed the assignment, you must click on the* Submit for Testing *button to get credit*.
- You can check your current homework scores by clicking on the **My Assignments** tab.
- You can return to any assignment and check the *Solution Key* after the due date/time for the assignment. Click **My Assignments** then click **Past Assignments.**
- If you have any further questions about homework, please ask me. Come to office hours or email me at meshlisa@fhda.edu or ask at the beginning of any class.

Classroom Conduct:
Even though we think we're great at it, scientific experiments have repeatedly shown that human beings are not great at multitasking.   Math requires singular focus.   We will expect your full attention during lecture and class activities.

Turn off and put away cell phones and other devices during class.
No private conversations or disruptive behavior during class. Students disrupting class or using cell phones will be asked to leave.

Disruptive classroom behavior may include (but is not limited to) the following: talking when it does not relate to the discussion topic, sleeping, reading other material (e.g. newspapers, magazines, textbooks from other classes), eating or drinking, monopolizing discussion time, refusing to participate in classroom activities, texting, and engaging in any other activity not related to the classroom activity.

Attendance:
- You must be in attendance of all classes during the first 2 weeks of this class.
- We'll take attendance each day.
    - *If you are absent more than 5 times during the quarter, you may be dropped from the class.*
    - Tardiness and leaving early without excuse will count as ½ day's absence.
- *If you choose not to complete the class, it's your responsibility to drop/withdraw by the college deadlines.*
    - If you stop attending, but don't withdraw, you may fail the course with a grade of F.
    - Check college schedule deadlines to confirm deadlines shown in this syllabus.
- If you miss a class <u>after the first 2 weeks</u>, catch up using several resources.
    - Get notes/catch up with another student.
    - First, read the textbook and/or notes for the missed material.
    - Secondly, get tutorial help.
    - After you've explored the first 2 pursuits, come to my office hours to get specific help if you have questions about the material.
- If you're **late for a class**, wait until after the class is over to get missed materials and sign the attendance sheet.
    - After the class is over, pick up any papers or handouts that you may have missed out on from the beginning of the class.
- If you have to leave a class early, let me know before we begin the class that day.

College Schedule & Deadlines:
- Last day to *add* a class: 4/22 (Sat)
- Last day to *drop for full refund/credit*: 4/23 (Sun)
- Last day to *drop with no record of grade*: 4/23 (Sun)
- Last day to *request pass/no pass grade*: 5/5 (Fri)
- Last day to *drop with a "W" (withdraw)*: 6/2 (Fri)
- *Final Exams*: June 26 - 30 (Mon – Fri)
    - Final for section 41.11 is **Wednesday, 6/28/17 at 11:30 – 1:30P.**

College Holidays (No Class):
- 5/27 – 5/29 (Sat - Mon) – Memorial Day Weekend
If you have additional questions, consult http://www.deanza.edu/calendar/.

Grading Policy:
Grades for this class will be calculated based on a weighted average using the following components and weights.

Homework (best 23 of 26)	14%
Quizzes (best 5 of 6)	15%
Mid-Term Exams (3 @ 17% each)	51%
Final Exam	20%

Your grades will be available for your confidential review online. Instructions for accessing grades will be provided during week 2 of class. This service is free to you.

Grading Scale:
Grading for this class won't use a curve. The following table shows the <u>minimum percentage needed</u> to guarantee the indicated grade.

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

Homework/Surveys:

Your thoughts and experience matter. With this in mind, you'll be asked to participate in an entrance survey at the beginning of the quarter. This survey will count as one full homework grade.

Homework will be submitted and evaluated using WebAssign as noted above in **Course Materials** section above.

We'll have 26 homework assignments (1 entrance survey and 25 homework assignments). *Best 23 of 26 will count as your grade.*
- All homework will be due on dates indicated in WebAssign
- All homework must be submitted on time; **no late homework will be accepted**

If you have homework questions, we'll try to answer them 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 other tutors in the Center during its open hours.

Quizzes:

We'll have *6 quizzes; 5 best quiz scores are counted*. The lowest group 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. Keep up with adjustments via calendar and announcements posted on CourseStudio.

Quizzes will be timed and will last approximately 30 minutes. *After each quiz is completed, please plan to stay for remainder of class time.*
- No late or make-up quizzes will be given, but, as noted above in Grading Policy, your lowest score will be dropped.

Midterm Exams:

We will have *3 midterm exams through the quarter in addition to the final.* Midterm exams will last 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.
- No late or make-up exams will be given. If you miss the exam, you'll earn a grade of 0.

Because the final is cumulative, your final exam score will replace your lowest midterm exam score, even if it your lowest exam score is a zero. If your lowest mid-term exam score is the result of cheating or cell phone mis-use, that score will not be replaced by the final exam score, but the next lowest will.

Final Exam: *Wednesday, 6/28 (11:30A – 1:30P)*

The final exam will be 2 hours long, worth at least 20% 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), 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.

<u>NOTE</u>: **All quizzes and exams must be written using pencil**, not pen. If you choose to submit your quiz using pen, points will be deducted from your score.

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 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.

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

Please 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.

Class Cancellation / Emergency:
If I need to cancel class or cannot attend, I'll e-mail you as soon as I can, using e-mail announcements via CourseStudio/MyPortal.

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 the website 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.

Thanks for reading this in detail. I'm really looking forward working together!

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Tentative Course Schedule

Dates related to homework, Chapters covered, quizzes and mid-term exams may change slightly as we go through the quarter. I'll maintain a current calendar on our class CourseStudio 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.

4/10	4/11	4/12	4/13	4/14
Intro/Syllabus A5	A5	A6 HW 1 Due (Survey)	1.2	1.2 HW 2 Due (A5/A6)
4/17 1.3 HW 3 Due (1.2)	**4/18** 1.3 / 1.4	**4/19** 1.4 **Quiz 1 (A5, A6, 1.2)** HW 4 Due (1.3)	**4/20** 1.4	**4/21** 1.5 HW 5 Due (1.4)
4/24 1.5	**4/25** 1.6 **Quiz 2 (1.3 -1.5)** HW 6 Due (1.5)	**4/26** 1.6/1.7	**4/27** 1.7 HW 7 Due (1.6)	**4/28** Exam Review HW 8 Due (1.7)
5/1 **Exam 1** **(A5, A6, 1.2 – 1.7)**	**5/2** 1.8	**5/3** 1.8/1.9	**5/4** 1.9 HW 9 Due (1.8)	**5/5** 1.10 HW 10 Due (1.9)
5/8 1.10 **Quiz 3 (1.8-1.9)**	**5/9** 2.1 HW 11 Due (1.10)	**5/10** 2.1	**5/11** 2.2 HW 12 Due (2.1)	**5/12** 2.2
5/15 2.3 **Quiz 4 (1.10, 2.1)** HW 13 Due (2.2)	**5/16** 2.3	**5/17** 2.4 HW 14 Due (2.3)	**5/18** Exam Review HW 15 Due (2.4)	**5/19** **Exam 2 (1.8 - 2.4)**
5/22 2.5	**5/23** 2.5/2.6	**5/24** 2.6 HW 16 Due (2.5)	**5/25** 2.7	**5/26** 2.7 HW 17 Due (2.6)
5/29 *Memorial Day* *Holiday (No Class)*	**5/30** 3.1 HW 18 Due (2.7)	**5/31** 3.1 **Quiz 5 (2.5–2.7)**	**6/1** 3.2	**6/2** 3.2 HW 19 Due (3.1)
6/5 3.2	**6/6** 3.2/3.3	**6/7** 3.3 HW 20 Due (3.2)	**6/8** 3.4	**6/9** Exam Review HW 21 Due (3.3)
6/12 **Exam 3 (2.5 – 3.3)**	**6/13** 3.5 HW 22 Due (3.4)	**6/14** 10.2 HW 23 Due (3.5)	**6/15** 10.2	**6/16** 10.3 HW 24 Due (10.2)
6/19 10.3 **Quiz 6 (3.4-3.5,10.2)**	**6/20** 10.3	**6/21** 10.4 HW 25 Due (10.3)	**6/22** 10.4	**6/23** Final Review HW 26 Due (10.4)
6/26	**6/27**	**6/28** *FINAL EXAM* *11:30A – 1:30P*	**6/29**	**6/30**