

# MATH 41

Pre-Calculus I Theory of Functions  
Winter 2018  
Section 02, CRN 35008  
8:30-9:20A MTWRF in G5

### *Instructor and Contact Information*

Instructor: LISA MESH

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

Office Hours & Location: 10:30-11:20a in S-43B

Office Location: S-43B

Office Phone: (408) 864 - 8513


### Student Learning Outcomes

- Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.
- Synthesize, model, and communicate real life applications and phenomena using algebraic and transcendental functions.
- Course Outline: <http://ecms.deanza.edu/outlineprogresspublic.html?catalogID=2338>

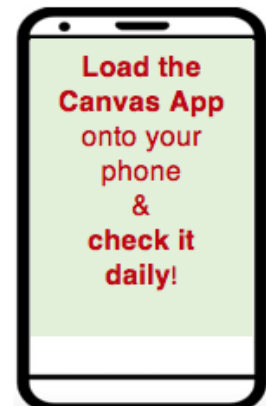
### Class Website / Canvas

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.

- Go to MyPortal on the [www.deanza.edu](http://www.deanza.edu) website.
- Click on the  Apps link in the left hand navigation on page then choose to enter the Canvas App. Choose "Login to De Anza Canvas Site"
- Once in Canvas, click on our course:

**W19 MATH D041 Precalc I: Theory of Functions 02**



**Load the APP and check the CANVAS homepage daily.**

### Required Materials

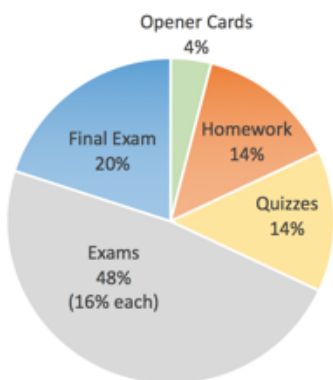
- **Textbook** – *Precalculus with Limits, 3<sup>rd</sup> edition*, by Ron Larson. ISBN: 978-1133947202
- **WebAssign** (Online homework package.)

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 ~ \$130. You'll be able to use it for all of your Pre-Calculus course sequence (MATH 41, 42, and 43).

- **Calculator**

- Please use a scientific calculator or if you already have a Ti 83/84, you can use these to help with homework.
- Generally, no calculators will be used for exams or quizzes.

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.

**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 (3) Lowest 3 homework scores will be dropped.



### Homework (in WebAssign):

**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 MyPortal
- 2 - Click on the  Apps link in the left hand navigation on page then choose  to enter the Canvas App. Choose "Login to De Anza Canvas Site"
- 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](mailto:meshlisa@fhda.edu) or ask at the beginning of any class.

**Beginning of Class (“Opener”) Notecards (4% of final grade):**

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

**Quizzes (14% of your course grade):**

We’ll have 6 quizzes; 5 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. Class policy is that there are no late or make-up quizzes, but your lowest quiz score will be dropped.

**Midterm Exams (48% of your course grade):**

We will have *3 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. 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: *Wednesday, 3/27 (7 – 9A)***

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), 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 or track your logic, 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 Learning Differences:**

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.

## MATH 041.02 – Pre-Calculus I Theory and Functions – Winter 2019

### Key Dates

<b>JANUARY 19</b>	Last day to <a href="#">add classes</a> for winter quarter
<b>JANUARY 20</b>	Last day to drop classes for full refund or credit
<b>JANUARY 20</b>	Last day to <a href="#">drop classes</a> with no record of "W"
<b>JANUARY 21</b>	Martin Luther King Jr. Holiday - Campus Closed
<b>FEBRUARY 1</b>	Last day to request " <a href="#">Pass/No Pass</a> " for winter quarter
<b>FEBRUARY 15-18</b>	President's Holiday - Campus Closed
<b>MARCH 1</b>	Last Day to <a href="#">Drop</a> with a "W"
<b>MARCH 25-29</b>	<a href="#">Final Exams</a>
<b>MARCH 29</b>	Last day to <a href="#">file for a winter degree or certificate</a>
<b>MARCH 29</b>	Last Day of Winter Quarter

### 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.  
I'm really looking forward working together!

## MATH 041.02 – Pre-Calculus I Theory and Functions – Winter 2019

### 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 Canvas Calendar 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.**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1/6	1/7 Intro/Syllabus Review Exercises	1/8 A5	1/9 A5	1/10 A6 HW 1 - Survey	1/11 A6	1/12
1/13	1/14 1.2 HW 2 - A5/A6	1/15 1.2	1/16 1.3	1/17 1.3/1.4	1/18 1.4 HW 3 - 1.2 Quiz 1 - A5,A6,1.2	1/19 <i>Last day to add a class</i>
1/20 HW 4 - 1.3 <i>Last day to drop class with no "W"</i> <i>Last day to drop class with full refund</i>	1/21 Martin Luther King Holiday	1/22 1.5	1/23 1.5 HW 5 - 1.4	1/24 1.6	1/25 1.6 HW 6 - 1.5 Quiz 2 - 1.3 - 1.5	1/26
1/27	1/28 1.7 HW 7 - 1.6	1/29 1.7	1/30 1.8	1/31 1.8 HW 8 - 1.7	2/1 Exam 1 A5/A6, 1.2-1.7 <i>Last day to request "Pass/No Pass"</i>	2/2
2/3 HW 9 - 1.8	2/4 1.9	2/5 1.10	2/6 1.10 HW 10 - 1.9	2/7 2.1	2/8 2.1 HW 11 - 1.10 Quiz 3 - 1.8 - 1.10	2/9
2/10	2/11 2.2	2/12 2.2 HW 12 - 2.1	2/13 2.3	2/14 2.3 HW 13 - 2.2 Quiz 4 2.1 - 2.2	2/15 Presidents' Day Holiday	2/16
2/17	2/18 Presidents' Day Holiday	2/19 2.4 HW 14 - 2.3	2/20 2.4	2/21 2.5 HW 15 - 2.4	2/22 Exam 2 1.8 - 2.4	2/23
2/24	2/25 2.5	2/26 2.6 HW 16 - 2.5	2/27 2.6	2/28 2.7	3/1 2.7 HW 17 - 2.6 Quiz 5 - 2.3 - 2.6 <i>Last day to drop class with "W"</i>	3/2
3/3 HW 18 - 2.7	3/4 3.1	3/5 3.2	3/6 3.2 HW 19 - 3.1	3/7 3.3	3/8 3.4 HW 20 - 3.2 Quiz 6 2.7, 3.1 - 3.2	3/9
3/10	3/11 3.4 HW 21 - 3.3	3/12 3.5	3/13 Exam 3 2.5 - 3.3	3/14 3.5 HW 22 - 3.4	3/15 10.2	3/16
3/17 HW 23 - 3.5	3/18 10.2	3/19 10.3 HW 24 - 10.2 Quiz 6 3.4-3.5, 10.2	3/20 10.3	3/21 10.4 HW 25 - 10.3	3/22 10.4	3/23
3/24 HW 26 - 10.4	3/25	3/26	3/27 Final Exam 7 - 9A	3/28	3/29	



**Student Learning Outcome(s):**

\*Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.

\*Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.