Instructor: Misako van der Poel   **Office Hours**: Baldwin Winery
Email: **van_der_poelmisako@fhda.edu**   M&W: 3:00pm-3:50pm

Math 41: Precalculus I: Theory of Functions

Winter 2019

COURSE
Section: 62   Course Number: 34651   Time: 6:30p.m. – 8:45p.m.   MW   Classroom: S45

MATERIALS
Precalculus with Limits, by Ron Larson, 3rd edition. **(Optional)**
Use of **WebAssign is required** to complete 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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 and follow instructions on the screen.
 If you purchase the textbook in new condition through the DeAnza book store, you will get an access
 code bundled with the book. Otherwise, you will need to purchase online access to use WebAssign.

OTHER REQUIRED MATERIAL
- **PENCILS ONLY** must be used for all work in this class. (worksheets, quizzes, and exams).
  Student work written with pen will not be graded and will receive "0" points.
- **All handouts** are posted on **Canvas.**

COURSE DESCRIPTION
This course in combination with MATH42 Trigonometry and MATH43 will prepare students to take the
calculus sequence. The course includes an in-depth study of polynomial, rational, exponential and
logarithmic functions, graphs, solving equations.

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.

PHONES AND ELECTRONICS DEVICES
Cell phones must be turned off and must not remain on a student's desk during class.
Phones cannot be used as calculators during the class. In any case, please set all phones, etc., to
silent or vibrate during class. No electronics devices (except laptops or tablets) are allowed to use
during class.

CALCULATORS
Students must have a graphing calculator. The TI-84 plus (or TI-84, TI-83+, TI-83) is
recommended for the students, but any graphing calculator that has a "table" feature is
acceptable. (The old TI-81 and TI-85 models do not have a table feature!). Any calculators
that can do symbolic mathematics such as TI-89 or HP-49 are not allowed on exams and
quizzes. Useful links: Online user's manual for all TI calculators

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 is worth **4 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. There are **no dropped exams.** If you take an exam and don't do well on it, you cannot drop that score. If you take an exam, the score for it will count towards your grade. **You are NOT allowed to use any calculator on 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 final exam worth **200 points**, and this exam must be taken during the scheduled exam time on **March 27 at 6:15pm-8:15pm**. The final will cover all the material discussed during the semester. Missing the final will result in a grade of "F" for the course.
You may use three 3" by 5" note cards (both sides) for notes.

SKILL CHECK

A skill check (short quiz) will be given and collected in each class. Each skill check is worth **2 points.**

QUIZZES

Roughly once a week, except for exam weeks, we will have an in-class quiz. There are **no make-up quizzes**, regardless of why you missed it**.**

READINGS

Read the textbook every day before the topics come up in class or in the homework.

GRADES

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

Homework	100 points
Quizzes	50 points
Skill Check	50 points
Midterms	300 points
Final Exam	200 points
Total	700 points

640 – 700 points		A
620 – 639 points		A-
600 – 619 points		B+
580 – 599 points		B
560 – 579 points		B-
540 – 559 points		C+
480 – 539 points		C
400 – 479 points		D
Below 400 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.
   Note: I will not answer Math questions over email.
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.
   Note: Any student email correspondence with the instructor should include **the course number (Math 41) in the subject line**.
4. 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.
5. It is your responsibility to record all the scores you have earned, using "Score Sheet."
   Note: I will NOT let you know your scores of quizzes and exams again.

ACADEMIC MISCONDUCT

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) 864-8748
Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839
Special Education Division: 864-8407; www.deanza.edu/specialed

CLASSROOM CONDUCT

1. No eating or chewing in class.
2. 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 DAYS TO REMEMBER

Jan 19 Saturday	Last day to add classes
Jan 20 Sunday	Last day to drop for a full refund or credit.
Jan 20 Sunday	Last day to drop a class with no record of grade.
Mar 1 Friday	Last day to drop with a "W"

Winter 2019   Math 41   Course Schedule

	MONDAY	WEDNESDAY
Jan	7 First day of Instruction A2 & A5	9 A6 & 1.1
Jan	14 1.2 – 1.3	16 1.4 – 1.5
Jan	21 **No class**	23 1.6 – 1.7
Jan	28 1.8 – 1.9	30 1.10 & **Review**
Feb	4 **Exam 1** (Ch 1)	6 2.1 – 2.2
Feb	11 2.3 – 2.4	13 2.5 – 2.6
Feb	18 **No class**	20 2.6 – 2.7
Feb	25 2.7 & **Review**	27 **Exam 2** (Ch 2)
Mar	4 3.1 – 3.2	6 3.3 – 3.4
Mar	11 3.5 & 10.2 – 10.4	13 10.4 & **Review**
Mar	18 **Exam 3** (Ch 3)	20 **Last day of Instruction** Review for Final
Mar	25 	27 **Final Exam** **6:15pm-8:15pm**

<u>Student Learning Outcome(s):</u>

*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.