

MATH 41-64 Syllabus

Fall 2015

Instructor: Travis Murphy

Subject: Pre Calculus: Theory of Functions

Class Meeting Times & Location: TR, 6:30-8:45 PM, 9/21-12/20, MLC 270

Office Hours & Location: TR 3:30-4:00 PM, by appt., Location: TBA

Office Location: TBA

Text: Larson Precalculus with Limits (Check the library and math lab for a 2-3 hour loan copy if needed). TI-89 calculator.

Final Exam Date & Location: Tuesday, December 8th, 6:15-8:15 p.m. in the usual class.

Final exam schedule can be found here: <https://www.deanza.edu/calendar/winexams.html>

Email: murphytravis@fhda.edu

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Course Description, SLOs, & Prerequisites:

The expected Student Learning Outcomes (SLOs) are listed below.

Students will be able to:

- Examine the definition of a function and investigate the implications and properties of this concept
- Explore graphs of functions of the form $y = f(x) = x^p$
- Create new functions from existing functions
- Graph and analyze exponential and logarithmic functions and solve related equations
- Graph and analyze polynomial functions and solve related equations and inequalities
- Graph and analyze rational functions and solve related equations and inequalities
- Graph and analyze conic sections in rectangular coordinates
- Examine the logic of conditional and biconditional statements as they appear in mathematical statements

The prerequisites for the course are MATH-114, an equivalent class, or a satisfactory score on a district recognized placement exam.

Homework: Homework will primarily be done online at webassign.net. Click on the tab: "I have a class key" and then enter the key below to get access to the site.

Class Key: deanza 3628 8027

Grades & Grading Policies: Grades for this class will be of the following form:

A 100% - 90.0%, B 89.9% - 80.0%, C 79.9% - 70.0%, D 69.9%-60.0%, F 59.9%-0

If you take the class on a P/NP basis, then a P is awarded for an equivalent grade of 70% or higher. A grade of incomplete will generally never be given. Though only a grade of 70% is required to pass this class, it is in your best interest to try for an A or B to be optimally prepared for future math classes. Partial credit will be awarded on exams and you must show all your work. The grade breaks down as follows:

Homework/Class Assignments/Quizzes	10%
Tests	60% (3 Tests)
Final	30% (Cumulative)

Please note: Starting from Summer 2012, students will no longer be able to enroll in a class more than 3 times (not including if they drop before the last day to drop without a W); so if current students are enrolling in a class for the third time, they will not be able to enroll in it again next semester.

Attendance Policies

Attendance is mandatory to receive a good grade and/or pass this class. Attendance will be taken at least once daily in the form of a quiz and/or class assignment. **You must regularly attend class to succeed in this course.** The College mandates the following policies:

-A student may not have an unexcused absence during the first two weeks (i.e. first four classes) otherwise they may be dropped from the class.

-A student will be dropped if they do not attend the first day of instruction.

-A student may be dropped from the course for missing the equivalent of two weeks worth of instruction.

Please Note: If a student is dropped by an instructor, it is the student's responsibility to contact the Admissions department and dis-enroll from the class otherwise the student will receive an "F" for the course.

If a student uses their phone or engages in other disruptive behaviour, they can be asked to leave and that day will be counted as an absence. Excused absences require official documentation in the form of a Doctor's note, police report, religious holiday, and select College or Athletic events.

If a student is failing or in danger of failing, they may be required to attend office hours and/or the Math Lab.

Students are expected to regularly check their email accounts to receive class announcements, assignments or revisions of past assignments, and new resources.

Tests & Make-up Policy: There will be no make-ups for any test. Your 3 lowest homework scores will be dropped. Paper and online homework assignments will not be counted separately (i.e. you can miss one of both or only two of one kind). There is generally no make-up possible for the final, so please make travel plans accordingly. Scientific calculators are generally allowed on tests and the final. All exams will be taken without notes, books, or electronic/communication devices (including but not limited to: cell phones, smartphones, laptops, etc.) except for calculators that have been specifically allowed. Students may not collaborate or communicate in any way during exams.

Learning Resources: Free tutoring is available to all students at the Math Lab:Details are available at: <http://www.deanza.edu/studentssuccess/mstrc/>

Academic Dishonesty & Conduct: Cheating is a serious offense and can ruin an academic career. Anyone caught cheating will receive a zero on the assignment and I will fill out an “Academic Integrity Report Form” and let the Department Chair and Division Dean decide whether to fail the individual for the course or to impose other possible consequences such as long term suspension. Enrollment in this course means you agree to the academic integrity standards found at:

<https://www.deanza.edu/studenthandbook/academic-integrity.html>

Students are expected to treat their peers with dignity and respect. This syllabus constitutes a contract the terms of which the student agrees to abide by implicitly by taking this course.

Disability Accommodation: If you have a disability documented with campus Disability Support Services (DSS), please make arrangements with me in advance so that I may be of assistance in any way needed and so that we can fill out the necessary paperwork. If you have a disability but haven’t documented it with the University then I will be unable to make any accommodations before the DSS officially makes a documentation. You can contact DSS and find further information at: <https://www.deanza.edu/dss/>

Emergency information: Information on what to do in an emergency situation (earthquake, electrical outage, fire, etc.) may be found at: <https://www.deanza.edu/emergency/>
Please be familiar with these procedures. Information on this page is updated as required. Please review the information on a regular basis.

This is a tentative syllabus and is subject to change at the discretion of the instructor.