

**MATH 114.62 - MATH PREP LEVEL 3:INT.ALG.**

**CRN 20118**

**Instructor:** Nikolas Psomas

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**Class:** MW 6:30 – 8:45 pm, Room G1

**Office Hours:** W 5:00 pm – 6:00 pm,

Location: Science Tutorial Center (S43)

**Course Description:**

Application of exponential and logarithmic functions; rational functions and sequences and series to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

**Student Learning Outcomes:**

1. Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
2. Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.

**Prerequisite:**

Qualifying score on the Math Placement Test within last calendar year; or Mathematics 212 or equivalent with a grade of C or better

**Textbook:**

Blitzer Intermediate Algebra, 7th Edition, ISBN-13: 9780 1341 78943

Buy the bundle (book with **MyMathLab code**).

MyMathLab code is required to complete the homework.

**Calculator:**

The use of a graphing calculator for exploring concepts is encouraged in this course, and you are required to have a TI-83/84 graphing calculator for this class. If you don't you may be at a disadvantage over students that do. If you already have a different type of graphing calculator, you are expected to know how to use it. For quizzes and exams, the only graphing calculator you are allowed to use is either the TI-83 or TI-84. No cell phones will be allowed on exams or quizzes.

**Homework**

All Homework is done online. Homework assignments for the sections covered each week are posted on MyMathLab (<https://www.pearsonmylabandmastering.com>). Complete all the homework assignments on time and ask questions. Take advantage of all the online learning resources available with MyMathLab.

**How to sign up for MyMathLab:**

Refer to the "Student Registration Instructions" handout

**Quizzes**

Each Monday (except for Mondays when there is a Test) there is a quiz on the sections covered the previous week. The two (2) lowest quiz scores will be dropped. **There will be no make-up quizzes under any circumstances.**

**Midterm Exams**

There will be three (3) midterm exams during the quarter. You can bring one 3" x 5" index card (two-sides) of handwritten notes/formulas to each midterm exam. Your final exam score will replace the lowest of your exam scores, provided it improves your grade. **There will be no make-up midterm exams under any circumstances.**

**Final Exam**

There is a mandatory comprehensive final exam at the end of the quarter. You can bring one 8.5" x 11" sheet (two sides) of handwritten notes/formulas to the final exam. Any student who misses the final exam will receive a grade of F for the course.

**Grading Policy**

The course grade will be determined by the following criteria:

Homework	10%
Quizzes	15%
Midterm Exams	50%
Final Exam	25%

A = 90% – 100%

B = 80% – 89%

C = 70% – 79%

D = 60% – 69%

F = 0% – 59%

**Attendance**

You are expected to attend all classes, to be on time and to stay for the entire class period. Any student who misses more than one (1) class during the first two weeks or more than three (3) classes before the withdraw deadline may be dropped by the instructor. If a student decides not to continue with the course, it is the student's responsibility to officially drop the course. Failure to do so may result in a grade of F for the course.

**Academic Honesty**

Students are responsible for keeping themselves informed of the De Anza College Policy on Academic Integrity ([www.deanza.edu/studenthandbook/academic-integrity.html](http://www.deanza.edu/studenthandbook/academic-integrity.html)). Cheating will not be tolerated and can result in receiving a zero on the exam or an F for the course up to being reported to the Dean of Students Office for possible disciplinary action.

**Classroom Behavior**

Students are responsible for keeping themselves informed of the De Anza College Student Code of Conduct ([www.deanza.edu/dsps/dish/appendix/conducts.html](http://www.deanza.edu/dsps/dish/appendix/conducts.html)).

Disruptive behavior in the classroom, including (but not limited to) talking, napping, texting during lecture, or arriving to class late or leaving early, is unacceptable. Persistent disruption can result in being asked to leave the class and/or being referred to the Dean of Students Office.

**Accommodations for Students with Disabilities**

Students that need special accommodations in this course (such as extra time on exams) are encouraged to contact Disability Support Services (408-864-8753) or Educational Diagnostic Center (408-864-8839) as soon as possible to ensure that such accommodations are arranged in a timely fashion.

**Additional Help**

Math and Science Tutorial Center (S43) provides free individual and group tutoring. A useful online math learning resource is Khan Academy ([www.khanacademy.org/math](http://www.khanacademy.org/math)).

F2017 CLASS SCHEDULE – D114.62/PSOMAS

	<b>Monday</b>	<b>Wednesday</b>
<b>Week 1</b>	9/25 Orientation Sections: 1.6 & 1.7	9/27 Sections: 4.3 & 5.6
<b>Week 2</b>	10/2 Sections: 6.1 Quiz #1(1.6, 1.7, 4.3, 5.6)	10/4 Sections: 6.2
<b>Week 3</b>	10/9 Sections: 6.3 Quiz #2 (6.1, 6.2)	10/11 Sections: 6.4 & 6.6
<b>Week 4</b>	10/16 Sections: 6.7 Test Review	10/18 Exam #1 (1.6, 1.7, 4.3, 5.6, 6.1 – 6.4, 6.6)
<b>Week 5</b>	10/23 Sections: 7.1 Quiz #3 (6.7)	10/25 Sections: 7.2 & 7.3
<b>Week 6</b>	10/30 Sections: 7.4 & 7.5 Quiz #4 (7.1, 7.2, 7.3)	11/1 Sections: 7.6
<b>Week 7</b>	11/6 Sections: 9.1 Test Review	11/8 Exam #2 (6.7, 7.1 – 7.6)
<b>Week 8</b>	11/13 Sections: 9.2 Quiz #5 (9.1)	11/15 Sections: 9.3 & 9.4
<b>Week 9</b>	11/20 Sections: 9.5 Quiz #6 (9.2, 9.3, 9.4)	11/22 Sections: 9.6 & 10.1
<b>Week 10</b>	11/27 Exam #3 (9.1 – 9.6, 10.1)	11/29 Sections: 11.1 & 11.2
<b>Week 11</b>	12/4 Sections: 11.3	12/6 Final Exam Review
<b>Week 12</b>	12/11 No Class	12/13 Final Exam 6:15 - 8:15 p.m.