De Anza College Math 41.07 Summer '15

Instructor Information

Name: Salvador Guerrero   **E-mail**: guerrerosalvador@fhda.edu

Office Hours: TBA

Course Information

Title: Pre-Calculus I: Theory of Functions

Location and Time: S16 Monday-Thursday 12:30pm-2:45pm

Materials:

Text (required): Precalculus with Limits, 2nd edition by Larson

Technology (optional): Graphing calculator (TI-84 recommended) or computer based graphing utility. Note: Technology will not be allowed on any quizzes or exams, it is only recommended for further understanding while completing homework and investigating course material.

Requisites:

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

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Content: Chapters 1-3, Appendix A5-A6; Appendix A1-A4 as necessary.

Description: This course will provide an in-depth look at polynomial, rational, exponential and logarithmic functions, graphs, and solving equations.

Homework/Participation: There will be 3 homework assignments, corresponding roughly to the chapters in the book. Assignments will be scored for both completion and correctness (of a few selected problems). Participation points will be based on participation in class discussions and group work; note that if you are not in class, it is impossible to receive participation points.

Quizzes: Quizzes, based on suggested textbook problems, will be given periodically. The two lowest quiz scores will be dropped. If you miss a quiz, you may make it up during office hours the day that you return.

Exams: There will be 3 exams, roughly covering each chapter. If it benefits your grade, your lowest exam grade (as a percentage) will be replaced by your final exam grade (as a percentage) except in the case of cheating. There will be no make-up exams given under any circumstances.

Final Exam: A mandatory two hour comprehensive final exam will be administered on Thursday August 6, 2015 from 12:30pm to 2:45pm in S16. The final must be taken at the scheduled time.

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Evaluation: Your course grade will be determined as follows:

Homework/Participation	15%/5%	6 quizzes, drop 2 lowest	15%
3 exams, replace lowest	45%	Final exam	20%

Letter grades will be assigned as follows:

If your overall score is at least ___, then your letter grade is ___

97%: A+	92%: A	89%: A-	87%: B+	82%: B
79%: B-	77%: C+	72%: C	69%: C-	60%: D

A student earning less than 60% will receive a grade of F.

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 rea-life applications and phenomena using algebraic and transcendental functions.

Policies and Resources

Academic Integrity: Cheating, plagiarism and other forms of academic dishonesty will not be tolerated. Students are expected to be honest and ethical at all times in their pursuit of academic goals.   A Student caught cheating, plagiarizing, or otherwise violating the rules for an assignment will receive a score of 0 on the assignment in question; repeat offenders will receive a grade of F in the course. In either case, a student may be referred to the Dean for academic discipline. No score of 0 due to academic dishonesty will be dropped or replaced.

Classroom Courtesy: All students are entitled to learn in an environment free from any distraction or disruptions. Your actions towards the instructor and towards your fellow classmates should be respectful at all times. Students who are disrespectful or disruptive can and will be asked to leave. If a student does not leave after being asked, they will be dropped from the course and referred to the Dean. I expect you to arrive to class on time and stay until class is dismissed. Cell phones and other electronic devices must be turned off while class is in session. **Audio/Video recordings of lecture are prohibited.**

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Attendance: Attendance is required and you are responsible for all material covered in class. If you miss a class, contact a fellow student to find out what was covered. Also:

- Students who remain enrolled in a class beyond the published withdrawal deadline, as stated in the class schedule, will receive an evaluative letter grade in this class.

- It is the student's responsibility to add, drop or withdraw from classes before the deadlines stated in the college catalog. You should contact me before withdrawing.

- It is at my discretion to withdraw a student after the add/drop deadline due to excessive absences.

Accommodation of Disability: Students that have any disability, either permanent or temporary, which might affect their ability to perform in this class should contact me immediately. For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see the contacts below:

- Disability Support Services (DSS): Student Services Building (408)864-8753

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

English as a Second Language: ESL students may use a translator and/or dictionary (print only, to be approved by instructor) during exams and quizzes. Please visit the college's listening and speaking center for further resources http://www.deanza.edu/studentsuccess/lsc/