

East Los Angeles College --- Winter 2019
Department of Mathematics
MATH 192(#12284)—TI Graphing Calculator (1 unit)
Monday/Wednesday 12:00pm – 12:50pm, Room G5-005

Cohort Course: If you are enrolled in this class, you must also enroll in Math 227 (Section #10265, MTWTh 8:00am – 11:50am, G5-005).

Instructor: Melanie Xie

Office: G5-111A

Phone: 323-415-4178

Office Hours: MTWR: 7:10am – 7:55am or by appointment

Email: xiemc@elac.edu or xiemc2@gmail.com

Website: www.weheartmath.com

Required Tools:

TI-83 Plus, TI 84 Plus, or TI-84 CE Calculator is required (The TI 83/84 has specific statistical functions not found on other graphing calculators). You are expected to bring the calculator to each class. We will go over the how to use the calculator in class.

Course Description: This course introduces the use of the graphing calculator. It includes topics such as graphing functions in two and three dimensions, writing programs, engineering and calculus applications, solving systems of equations using matrices, and analyzing data using statistics.

Attendance: Regular attendance is a requirement to remain enrolled. I expect you to attend the entire class, not to arrive late or leave early. Students are responsible for all announcements made in class regardless of their presence. Students are responsible for official withdraws from the class through admission office, if you stop attending it is still your responsibility to withdraw yourself from the class. If you do not withdraw yourself you may receive either a F or a W in the course, neither is a guaranteed. If you miss 2 or more classes during the semester, you may be dropped from the course for non-attendance.

Collected Work or worksheets: There will be some assignments, some done during class some done outside of class. Due dates and assignments will be announced in class

Final Exam: Final is the same as final for math 227.

Course Learning Outcome (CLO):

- Graph two linear equations on the same graph.
- Find the interception of the two lines displayed on the calculator.

Grading:

Collected Work.....	70%
Final	30%

Grading System:

- A: 90% - 100%
- B: 80% - 89.9%
- C: 70% - 79.9%
- D: 60% - 69.9%
- F: below 60%

Class Behavior and Participation:

- You are expected to arrive to class on time and be prepared.
- Talking on a cell phone or checking messages is inappropriate at all time during class time. You are expected to turn off your cell phone or set it to silent.
- I expect you to show respect to your fellow classmates by not taking in class unless, of course, you have a question.
- Please do not bring food into the classroom, do not eat in the classroom.
- Please do not listen to music during class and do not put your headphones on your ears.

Failure to comply with class rules will result in points being deducted from exam or being asked to leave. If you are asked to leave early by the instructor, it does count as an absence.

Compliance:

Students with disabilities who need reasonable accommodation should promptly alert the instructor, then provide verification of disability to the Disabled Students Program located in E1-106 or call (323) 265-8787 to make an appointment. If a student with a disability feels that accommodations offered are inappropriate or insufficient, s/he should seek the assistance of the DSP&S Coordinator and/or the Vice President of Student Services.

Important Dates:

- Last Day to Drop classes without having to pay fee, without 'W' — Sunday, 01/06/2019
- Last Day to Drop classes with a 'W' --- Saturday, 01/26/2019
- Holidays: 01/21/2019