MAT175– Precalculus (Spring 2024) Course Syllabus

Instructor
Name: Ji Young Choi
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Office Hours: 12-2 pm on MW and 9 – 10 am on T
Office: MCT278

Section	Face-to-Face Meet
03	2-3:15 TR at MCT 258

Important Sites
D2L https://d2l.ship.edu
Zoom Office Hours https://ship.zoom.us/j/94338091000

Course Materials
D2l provides links to videos, notes, and homework. You will submit your class activities to this site and you can check your grades.
Text Book: Precalculus I (2nd ed) by Lippman & Rasmussen
Calculator: TI-83 or any other graphing calculator (The calculator app in your computer or phone is not allowed to use during the exam or quiz time.)

Course Description
This course is designed to prepare students for MAT211 - Calculus I. It provides intense study of the fundamental topics to the study of calculus on functions and their graphs with special attention to polynomial, rational, exponential, logarithmic, and trigonometric functions, and analytic trigonometry. Not open to students who have successfully (C or better) completed MAT211.
Prerequisite: Mat140A, Mat140B, math placement level 5, or permission of department chair.
If you feel you're are in the wrong course, please contact the Mathematics Department secretary (math@ship.edu) as soon as possible. **Your schedule can be changed only during the first week of class.**

Course Goals

 • Students will graph exponential and logarithmic functions and solve problems involving exponential and logarithmic equations and inequalities.
• Students will graph and evaluate trigonometric functions for all angles in degrees and radian and solve problems involving trigonometric equations.
• Students will find all classic identities for trigonometry and apply these to solve trigonometric problems.

Tentative Exam Schedule

Exam 1: Thursday of February 29
Exam 2: Thursday of April 11
Final: To be announced (it will be on the final week, and cumulative)

Tutoring
Free, drop-in or appointment-required Learning Center Tutoring at Mowrey

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Grading
Your grade will be based on your notes, homework, quizzes, and a cumulative Final. I will use the following grading scheme:

Class Activities	10%	Attendance + Quizzes
Homework	20%	MOM work on line
Exams	70%	Exam1, 2, 3, 4 & Final (each 20%)

At the end of the course, I will assign grades based on the following scale:

Percentage	90 -100	87-89	84-86	80-83	77-79	74-76	70-73	60-69	0-59
Final Grade	A	A-	B+	B	B-	C+	C	D	F

Expectations
In class, you will learn new ideas and work on problems to master the ideas. If you have any questions, please do not hesitate to ask in class or in my office hours. If you are asked to **submit 1 pdf file for your class activities to d2l**, I recommend Adobe Scan or Genius Scan app to take a picture of your work, save it as one single pdf file, and then upload it in d2l. The instruction is available below.

If you miss any class, you can find **study materials in d2l and contact me** immediately to find extra information. You can email me or come to my office.

Homework: You will see homework links in d2l. **You can redo homework** assignments as many times as you want **before the deadline.**

Scan App Information
Adobe Scan app
- Android link: https://play.google.com/store/apps/details?id=com.adobe.scan.android&hl=en_US
- Apple link: https://apps.apple.com/us/app/adobe-scan-digital-pdf-scanner/id1199564834
- Video tutorial: https://www.youtube.com/watch?v=MCyhOkBpELc

Genius Scan app
- Android link:https://play.google.com/store/apps/details?id=com.thegrizzlylabs.geniusscan.free&hl=en_US
- Apple link: https://apps.apple.com/us/app/genius-scan-pdf-scanner/id377672876
- Video tutorial: https://www.youtube.com/watch?v=PAmUKvvUjgs