
Math 42-03

Precalculus II: Trigonometric Functions
CRN 20339
FALL 2018 MTWThF 08:30 AM - 09:20 AM,
Room E34



Instructor: Nahrin Rashid

Office Phone: 408-864-8201

Email: rashidnahrin@fhda.ed

Office: S33s

Office Hours:

M/T/Th 12:30 PM – 1:30 PM,

Wednesday 1:30 PM – 2:00 PM

Prerequisite: MATH 41 or MATH 41H (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.

Course Description: The theory of trigonometric functions and their applications.

Textbook: Precalculus with Limits; 3rd edition, by Ron Larson. ISBN: 978-1133947202

Calculator: TI-83 Plus/TI-84 Plus calculator recommended. Cell phone calculators are not allowed during quizzes or exams.

Software: All homework will be done online using WebAssign. You will need to register at www.webassign.net to use this internet-based software. You will need the class key given by me in order to self-register.

Tutoring Services: The De Anza campus has a tutorial center for math students where students can get "drop in" help. Students can also register to have a regular, assigned tutor for help throughout a quarter. The tutoring center is located in room S-43.

Student Conduct: Do not cheat. If you have a question during a test, you are only allowed to talk to the instructor. Anyone caught cheating on an exam will receive an automatic 0 and be reported to the Dean of the PSME Division. You can be expelled from the class and possibly from De Anza College with a grade of F if you are caught cheating.

Classroom Behavior: Please show courtesy for me and your fellow classmates by turning off and putting away your cell phone during class time, especially during exams. Please do not take calls or text message during class. Do not talk while fellow classmates or I are talking. If you have any type of learning disability, please let me know during the first week of classes so that special arrangements can be made, if necessary.

Student Learning Objectives: Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.

Time Management: You should expect to spend at least 2 hours outside of the classroom for every 1 hour inside the classroom. This time outside of the classroom may include homework, reviewing notes, studying, and attending office hours. If you want to be successful in this class you will need to put time and effort into it.

Attendance: Students are expected to attend every class meeting. Make sure you sign the attendance roster at each class meeting. If you miss a day, it is solely your responsibility to seek out another student or myself to find out what you missed. You cannot expect to do well in the class if you fail to attend lectures.

Homework: Homework will be assigned every class meeting online and will have a due date. All homework must be submitted by 11:59PM on the due date. You must set up an account by Monday, October 1, 2018 or you will be dropped from the class. If you have a homework problem you were not able to complete, you have the next class session to ask by putting the problem on the board. At the end of the quarter your lowest homework score will be dropped. Homework will count for 15% of your term grade.

Quizzes: There will be a quiz every week. Each quiz will be assigned online or in-class intermittently throughout the term to test your skills on the concepts we are covering in class and online. **NO** make-up quiz will be given. To compensate for this, I will drop your lowest quiz score. These quizzes will count for 10% of your grade.

Midterms: I will give four in class exams during the quarter. No notes will be allowed on any exams. These exams will be completed in class and will contain the materials covered in the lectures, online, and in the book. If you are unable to take an exam for any reason, **a makeup exam will not be given**. In the case of a documented emergency, I will replace a missing exam score with your final exam score. These exams will count for 50% of your term grade.

Final Examination: If you do not take the final exam, you **WILL NOT** receive a passing grade. There will be a comprehensive final examination on **Wednesday, December 12 from 7:00 AM - 9:00 AM**. This test will count for 25% of your term grade.

Grade Breakdown:

A+: (97% - 100%)
A: (92% - 96%)
A-: (89% - 91%)
B+: (87% - 88%)
B: (82% - 86%)
B-: (79% - 81%)
C+: (77% - 78%)
C: (69% - 76%)
D+: (67% - 68%)
D: (62% - 66%)
D-: (60% - 61%)
F: < 60%

Important Dates:

- The last day to add classes is Saturday, October 6.
- The last day to drop for a full refund and no record of "W" is Sunday, October 7.
- The last day to request pass/no pass grade is Friday, October 19.
- The last day to drop with a "W" is Friday, November 16.

Tentative Schedule for Math 42, Fall 2018

| Week | Monday | Tuesday | Wednesday | Thursday | Friday |
|------|--|-----------------------------|---|---|---|
| 1 | September 24 Syllabus | September 25 Section 4.1 | September 26 Section 4.1 | September 27 Section 4.2 | September 28 Section 4.2 |
| 2 | October 1 Section 4.3 | October 2 Section 4.3 | October 3 Section 4.4 | October 4 Section 4.4 | October 5 Section 4.5 |
| 3 | October 8 Section 4.5 | October 9 Section 4.6 | October 10 Section 4.6 | October 11 Section 4.6 | October 12 Section 4.7 |
| 4 | October 15 Exam 1 (4.1- 4.6) | October 16 Section 4.7 | October 17 Section 4.7 | October 18 Section 4.8 | October 19 Section 4.8 |
| 5 | October 22 Section 5.1 | October 23 Section 5.1 | October 24 Section 5.2 | October 25 Section 5.2 | October 26 Section 5.2 |
| 6 | October 29 Exam 2 (4.7, 4.8, 5.1, 5.2) | October 30 Section 5.3 | October 31 Section 5.3 | November 1 Section 5.4 | November 2 Section 5.4 |
| 7 | November 5 Section 5.5 | November 6 Section 5.5 | November 7 Section 5.5 | November 8 Section 6.1 | November 9 Section 6.1 |
| 8 | November 12 Veterans Day | November 13 Section 6.1 | November 14 Section 6.2 | November 15 Section 6.2 | November 16 Exam 3 (5.3, 5.4, 5.5, 6.1) |
| 9 | November 19 Section 6.3 | November 20 Section 6.3 | November 21 Section 6.4 | November 22 Thanksgiving Holiday | November 23 Thanksgiving Holiday |
| 10 | November 26 Section 6.4 | November 27 Section 6.5 | November 28 Section 6.5 | November 29 Section 6.5 | November 30 Section 10.7 |
| 11 | December 3 Exam 4 (6.2, 6.3, 6.4, 6.5) | December 4 Section 10.7 | December 5 Section 10.8 | December 6 Section 10.8 | December 7 Review |
| 12 | December 10 No class | December 11 No class | December 12 Final Exam 7:00 - 9:00 AM | December 13 No class | December 14 No class |

This syllabus is subject to change at the instructor's discretion.

Student Learning Outcome(s):

*Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.