

Syllabus – Math 32 Precalculus II

****Instructor:**** Dr. Seyed Yashar Zaheriani

****Email:**** zaherianiyashar@fhda.edu

****Office Hours:**** Friday, 10:00 – 11:00 AM (via Zoom) – or by appointment

****Class Schedule:**** M/Tu/We/THU 8:30Am – 9:30 PM

****Textbook:**** Precalculus 2e, SENIOR CONTRIBUTING AUTHOR

JAY ABRAMSON, ARIZONA STATE UNIVERSITY, OpenStax

Course description

Preparation for calculus: extending the elementary functions of first quarter precalculus to include the theory of periodic functions; composition of trigonometric functions with other elementary functions; polar co-ordinates; further exploration of the complex plane; introduction to the algebra of vectors.

- **Prerequisite:** MATH 31 or MATH 31B (with a grade of C or better); or a satisfactory score on college placement.
- **Textbook:** Jay Abramson, et al, Precalculus, OpenStax. This is a free textbook and is available at <https://openstax.org/details/books/precalculus>.
- **Calculator:** You will need a scientific calculator for this class. This can be a physical one or an online app, such as <https://www.desmos.com/scientific>.

Homework and Projects

Homework and projects are a core part of this course:

- Assigned regularly based on class progress
- Help clarify ideas introduced in lectures and prepare for quizzes/exams
- Group collaboration encouraged . Labs use TI graphing calculators and may be completed individually or in groups Submit via Canvas (PDF/photo) or by email. No late labs accepted.

Attendance and participation

Attendance is expected at all sessions. Students are responsible for catching up on missed material. Participation is essential, both in class and through group collaboration.

Course Policies

1. No late work accepted under any circumstances
2. No make-up quizzes or exams
3. All submissions must be in PDF format via Canvas
4. Students are responsible for keeping up with class progress and practice
5. Instructor reserves the right to update the syllabus (announcements via Canvas)
6. Grades are not discussed via email (schedule Zoom meetings instead)
7. Class is synchronous; lectures are not recorded
8. Students must arrange study groups and review missed materials themselves
9. All questions are welcome office hours are for your success
10. Students must keep track of academic calendar dates

Tips for Success

- Learn concepts, don't just memorize formulas
- Read problems carefully, strategize before solving
- Don't fear mistakes – persistence is key
- Spend at least 2 hours of study per lecture hour outside of class

Academic Integrity

Cheating or plagiarism results in a failing grade and will be reported. Minimum penalty: zero on assignment/exam.

Refer to: <http://www.deanza.edu/studenthandbook/academic-integrity.html>

Grading

Homework and activities : 20%

Attendance: 5%

Quiz 1: 5%

Quiz 2: 5%

Quiz 3: 5%

Mid.:30%

Final Exam: 30%

Letter Grades:

A: 94–100%

A-: 90–93%

B+: 87–89%

B: 84–86%

B-: 80–83%

C+: 77–79%

C: 74–76%

C-: 70–73%

D+: 67–69%

D: 64–66%

D-: 60–63%

F: below 60%Disability Support Services (DSS)

De Anza College supports students with disabilities and provides reasonable accommodations. Contact DSS (RSS Building, Suite 141 | 408-864-8753 | DSS@deanza.edu).

Website: <https://www.deanza.edu/dsps/>

Additional Student Support

- Student Success Programs: <http://deanza.edu/studentsuccess/>
- Financial Aid Info: <http://www.deanza.edu/<inancialaid/>
- Installment Payment Plans: http://deanza.edu/cashier/installment_plan.html
- Scholarships: <http://deanza.edu/<inancialaid/types/scholarships.html>
- Basic Needs Resources: <https://www.deanza.edu/resources/>

Student Learning Outcome(s):

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

Office Hours:

Zoom	F	9:00 AM - 10:00 AM
Zoom	F	10:00 AM - 11:00 AM