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| <b>Instructor</b>              | VINH THANH NGUYEN                                                                                                                                                                                                                                                                                                                                    |
| <b>E-mail</b>                  | <a href="mailto:nguyenvinh2@fhda.edu">nguyenvinh2@fhda.edu</a>                                                                                                                                                                                                                                                                                       |
| <b>Class Location and Time</b> | S45 – Mon and Wed 04:00 am –06:15 pm                                                                                                                                                                                                                                                                                                                 |
| <b>Office Hours</b>            | Friday starts at 9:00 am over Zoom and ideally ends at 11:00am. Please email first before joining the Zoom.<br>Meeting ID: <b>836 4516 4136</b><br>Passcode: <b>292004</b>                                                                                                                                                                           |
| <b>Questions?</b>              | Please email me and identify yourself and the course you are enrolled in if you have any questions, and I will respond to your email within 24 hours. Otherwise, please resend it.                                                                                                                                                                   |
| <b>Textbook</b>                | Precalculus with Limits, 5 <sup>th</sup> edition, by Ron Larson, published by Cengage. (e-text or pdf copy is okay.)                                                                                                                                                                                                                                 |
| <b>Course Description</b>      | This course prepares students for calculus. Topics include extending the elementary functions of first-quarter precalculus to include the theory of periodic functions; composition of trigonometric functions with other elementary functions; polar coordinates; further exploration of the complex plane; introduction to the algebra of vectors. |
| <b>Course SLO</b>              | Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.                                                                                                                                                                                                                       |
| <b>Required Materials</b>      | The textbook, a calculator, and a notebook.                                                                                                                                                                                                                                                                                                          |
| <b>Course Prerequisites</b>    | Mathematics 31 or Mathematics 31H or Math 31B (with a grade of C or better); or a satisfactory score on college placement<br>Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.                                                                                                      |

**Method of Instruction**

In class lectures

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**Attendance:**

This class is an in-person class. Students are expected to attend all classes on time. Students who are absent more than four times may be dropped out of the class. However, it is the students' responsibility to drop by the appropriate deadline. Petitions to drop after the deadline will not be considered by the instructor.

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**Evaluation Process**

Final Grade in this course will be determined as follows:

|                  |     |
|------------------|-----|
| Homework         | 20% |
| Group Activities | 15% |
| Tests            | 45% |
| Final Exam       | 20% |

Grading scale:

|               |      |
|---------------|------|
| 98% and above | "A+" |
| 92% to 98%    | "A"  |
| 90% to 92%    | "A-" |
| 88% to 90%    | "B+" |
| 82% to 90%    | "B"  |
| 80% to 82%    | "B-" |
| 78% to 80%    | "C+" |
| 70% to 78%    | "C"  |
| 60% to 70%    | "D"  |

**Homework**

Homework is the key to success in this class. **No late homework.** Plan for a minimum of **TWO HOURS** to do homework for each class lesson. There is a direct correlation between your level of confidence with the homework problems and your success in this class.

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**Group Activity**

Every class, there is a set of problem sets that you and your group have to do and finish it before leaving the classroom.

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**Midterms**

**THREE midterm examinations** will be given on the midterm exam day (see the schedule below). **No**

**makeup exams.** If you miss a midterm due to what I consider an emergency and you provide appropriate documentation, **I will replace that one grade with your final exam percentage.** If I don't consider your reasoning for an emergency, you will receive a zero for that midterm.

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### **Final Exam**

One comprehensive examination will be given from **04:00 PM – 06:00 PM on Wednesday.** This is the school scheduled for final exam time. It cannot be changed by the instructor. **Any students who miss the final will receive an F grade for the course.**

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### **Withdrawal Policy**

- The last day to add class is October 4<sup>th</sup>
  - The last day to drop class without a W is Sunday, October 4<sup>th</sup>, 2026, on Sunday.
  - The withdrawal deadline for the quarter is on Friday, November 13, 2026. If students withdraw before this date, they will receive a “W”. After this date, an “F”.
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### **Academic Honesty and Discipline Policy**

Students are expected to abide by the college code of conduct. All work turned in is to be the student's own. Students giving or receiving help on a test or quiz will forfeit all points for the assignment or may be withdrawn from the course with a grade of “F”. For take home assignments, any student turning in a work, which is the same or similar of another student, will be required to schedule a conference to discuss the matter with mem and any evidence of cheating will result in no points for that assignment and will be reported for further action.

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### **Disabled Services**

Students who have been found to be eligible for accommodation by Disability Support Services (DSS), please follow up to ensure that your accommodation has been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to <https://www.deanza.edu/dsps/dss/>

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**Tips for Success**

- “DO NOT PROCRASTINATE”
  - If you ever have any questions, email me! You are welcome to send an email whenever you need help!
  - Visit the Online Tutoring Center.
  - Get to know your classmates and study together.
  - Copy the notes from all lectures, participate in class, practice to do your homework.
  - Read the sections to be discussed in class prior to the lecture.
  - Again, seek help if you are feeling behind the class.
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**TENTATIVE SCHEDULE**

Week 1: (09/21 - 09/25) Syllabus 4.1 and 4.2

Week 2: (09/28 - 10/02) Section 4.3 + 4.4 + 4.5

Week 3: (10/05 - 10/09) Section 4.5 + 4.6 + 4.7

Week 4: (10/12 - 10/16) Section 4.8 + **EXAM 1**

Week 5: (10/19 - 10/23) Section 5.1 + 5.2 + 5.3

Week 6: (10/26 - 10/30) Section 5.4 + 5.5 + 6.1

Week 7: (11/02 - 11/06) Section 6.2 + **EXAM 2**

Week 8: (11/09 - 11/13) Section 6.3. NO CLASS on WED 11/11 (Veterans Day holiday)

Week 9: (11/16 - 11/20) Section 6.4 + 6.5 + 6.6

Week 10: (11/23 - 11/27) Section 6.6 + **EXAM 3** NO CLASS on Nov 26,27 (Thanksgiving holiday)

Week 11: (11/30 - 12/04) Section 10.7 + 10.8 + Review

Week 12: FINAL WEEK- One comprehensive examination will be given from **4:00 PM – 6:00 PM on Wednesday, December 9, 2026.**

**Student Learning Outcome(s):**

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

**Office Hours:**

Zoom,Canvas F      9:00 AM - 12:00 PM