

**MATH 42.21 Syllabus  
De Anza College  
Spring 2016**

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**CRN:** 40986

**Course:** Precalculus II: Trigonometric Functions MATH 42

**Meets:** MW 1:30 to 3:45 PM in Room: E-36

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

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

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

**Text:** Precalculus with Limits; 3<sup>rd</sup> edition, by Larson

**Calculator:** A graphing calculator (TI-83 or 84 is preferred if you are buying a new calculator. If you already have a TI-82, 85, or 86, you can use that.)

**\*\*Smart phone calculators will not be allowed during class, quizzes, and tests\*\***

**Attendance:** Students **MUST** be present in the first class or they will be dropped by the instructor. If a student misses a class during the **FIRST TWO WEEKS** and does not contact the instructor by the next day, s/he may be dropped from the class.

A student who discontinues coming to class and does not drop the course will get an F. It is the student's responsibility to drop the course. You are expected to attend all classes, arrive on time and stay for the entire class. Regular attendance is essential for success in math class. Late arrival (more than 10 minutes after the class starts) or early departures are disruptive. You will lose 1 point from your class participation grade for each absence, late arrival, or early departure (or any combination). If you wish not to attend the class anymore then it is your responsibility to drop the class. In the event of your absence, you are encouraged to contact me via email. There will be no makeup tests or quizzes.

**Method of Instruction:** This class will consist of lectures and in-class discussion. There will also be boardwork and in-class group assignments which you are expected to participate in.

**Homework:** All homework will be done online using WebAssign. You will need to register at [www.webassign.net](http://www.webassign.net) to use this internet-based software. You will need the class key given below in order to self-register.

**class key: deanza 7877 6816**

If you purchase the textbook in new condition through the De Anza bookstore, you will get an access code bundled with the book. You will need to enter this access code in order to use WebAssign past the two week grace period. Otherwise, you will need to purchase online access to use WebAssign which you can do through the WebAssign website with a debit or credit card.

**Quizzes:** We will have several in-class quizzes (see the calendar). **IMPORTANT:** There will be **NO MAKEUPS** for any of the quizzes. However, your two lowest quiz scores will be dropped. Each quiz will be worth 10 points.

**Exams:** We will have 3 midterm exams (50 points each for 50 minutes each). The midterm dates are on our calendar. You will also have a cumulative final exam, which will take place on **the last day of class** in our classroom (see course calendar). There will be **NO MAKEUPS** for any of the exams. If you miss a midterm exam, your final exam score will replace your score for that midterm. If you miss two midterms, you will receive an 'F' in the course. Please note that you **must** take the final exam in order to pass the class. If you cannot make it to the final exam, drop this class **NOW**, as final exam cannot be rescheduled.

**Group Work:** There will be some group work that needs to be turned in. It should be neatly organized and clearly written. All the work must be stapled properly and must be submitted with clean edges. Details will be discussed.

**Class Participation:** You are expected to be there for each class session. This is a fast paced course and lot will be covered in each session. Your class participation grade will be based on your attendance and behavior (see expected student conduct below). You are expected to be in class on time and be there for the entire class period. If you arrive late or leave early you will lose points from your class participation grade.

**Evaluation Process:** Final grade in this course will be determined as follows:

Class participation	5%
Group Work	5%
Homework	10%
Quizzes	25%
Tests	30%
Final Exam	25%

**Grading scale:**

[920, 1000]	A
[900, 920)	A-
[880, 900)	B+
[820, 880)	B
[800, 820)	B-
[780, 800)	C+
[700, 780)	C
[600, 700)	D
Below 600	F

The student is responsible for saving all graded, returned work. There will be no discussion of grade discrepancies unless the student has a graded copy of the work in question.

**Withdrawal Policy:** You can find your withdrawal deadline on MyPortal. If students withdraw before this date, they will receive a "W", after this date, an "F".

**Help:**

- Expect to spend 2 hours outside the class for each 1 hour in the class studying the material and doing the homework. This is a fast paced course, don't fall behind!
- I strongly encourage you to attend the **group tutoring session in S43**. I am also available to help you throughout the term.
- Use the Drop-In tutoring services at S43 if you cannot make it to the group tutoring or for additional help.

- Feel free to check in with me during the break or after class. E-mail is the best way to get in touch with me outside of class. Feel free to send me any questions and I'll make my best effort to answer them quickly. If you choose to do this, please remember to state your question clearly, and if it's a HW question, tell me briefly what you have tried and what your specific question is. Also, sign your name at the bottom of your email.  
**Expect my reply within a day. One weekend counts as one day.**
- Don't forget that your classmates are a great resource. Ask for help and help others!

**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 that 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 strikingly similar to that of another student, will be required to schedule a conference to discuss the matter with the instructor, and any evidence of cheating will result in no points for that assignment and will be reported for further action. (See <https://www.deanza.edu/studenthandbook/academic-integrity.html>)

**Expected Student Conduct During Class:** Students, at all times, should keep their cell phones, beepers and other noise making devices in either switched off mode or in silent mode and keep them inside. **Students will receive a 5 point deduction from your class participation grade for each unauthorized use of their cellphones during class. There can be more than one set of deductions per class period. The bottom line: Put the phone away.**

Disruptive behavior may include (but is not limited to) the following: talking when it does not relate to the discussion topic, sleeping (yes, it is disruptive!), reading other material (e.g. newspapers, magazines, textbooks from other classes), eating or drinking, monopolizing discussion time, refusing to participate in classroom activities, leaving cellphones and pagers on, and engaging in any other activity not related to the classroom activity. Students who engage in disruptive classroom behavior will be approached by the instructor and may receive a lower participation grade (**-5 for each incidence**). If the disruptive behavior continues, students may be asked to leave the classroom and/or eventually be dropped from the course.

De Anza College will enforce procedures set forth in the Student Standard of Conduct (see <https://www.deanza.edu/studenthandbook/academic-integrity.html>) and the appropriate remedial and/or disciplinary steps will be taken when violations occur. During the quarter, if you have any questions about the course policies, you will be first referred to this syllabus. Please make sure you keep a copy.

**Students with Disabilities:** Students with disabilities who qualify for academic accommodations must provide a notification from the Disability Support Services (DSS) and discuss specific needs with the instructor, preferably during the first two weeks of class. Disability Support Services determines accommodations based on appropriate documentation of disabilities. DSS is located in Student Community Services building, room 141 and their phone number is (408) 864-8753

**Disclaimer Statement:** The information presented in this syllabus is tentative, may be modified by the instructor. Students will be notified of any modifications during normal scheduled classes, and the students are responsible for the changes.

**Important Dates:**

**Monday, April 4:** First day of Spring Quarter 2016

**Saturday, April 16:** Last day to add quarter-length classes. *Add date is enforced.*

**Sunday, April 17:** Last day to drop for a full refund or credit for all students (quarter-length classes only). Refund deadlines for all non quarter-length classes are in MyPortal, "View Your Class Schedule" link. *Drop date is enforced.*

**Sunday, April 17:** Last day to drop a class with no record of grade. *Drop date is enforced.*

**Friday, April 29:** Last day to request pass/no pass grade. *Request date is enforced.*

**Friday, May 27:** Last day to drop with a "W." *Withdraw date is enforced.*

**Saturday - Monday, May 28-30:** Memorial Day Weekend (no classes)

**Saturday - Friday, June 18-24:** Spring Final Exams

**Friday, June 24:** Last day to file for a spring degree or certificate

**Friday, June 24:** Last day of Spring Quarter

**Saturday, June 25:** Commencement Ceremony

### Course Calendar

	Monday	Tuesday (No Class)	Wednesday
April	<b>4</b> Syllabus/Introduction 4.1/4.2	<b>5</b> HW 1 (assigned)	<b>6</b> 4.2/4.3 (Quiz 1)
April	<b>11</b> 4.3/4.4	<b>12</b> HW 1 (due)	<b>13</b> 4.5 (Quiz 2)
April	<b>18</b> 4.6/4.7	<b>19</b> HW 2 (due)	<b>20</b> 4.8 (Quiz 3)
April	<b>25</b> Catchup	<b>26</b> HW 3 (due)	<b>27</b> Review/Exam 1 (Chapter 4)
May	<b>2</b> 5.1/5.2	<b>3</b> HW 4 (due)	<b>4</b> 5.3 (Quiz 4)
May	<b>9</b> 5.4/5.5	<b>10</b> HW 5 (due)	<b>11</b> Catchup (Quiz 5)
May	<b>16</b> Review/Exam 2 (Chapter 5)	<b>17</b> HW 6 (due)	<b>18</b> 6.1/6.2
May	<b>23</b> 6.3 (Quiz 6)	<b>24</b> HW 7 (due)	<b>25</b> 6.4/6.5
May/June	<b>30</b> NO CLASS (Memorial Day)	<b>31</b> HW 8 (due)	<b>1</b> Catchup (Quiz 7)
June	<b>6</b> 10.7	<b>7</b> HW 9 (due)	<b>8</b> 10.8 (Quiz 8)
June	<b>13</b> Review/Exam 3 (Chapters 6 & 10)	<b>14</b> HW 10 (due)	<b>15</b> Review for Final
June	<b>20</b> Final Exam (1:45 to 3:45 PM)		