Course Syllabus
MATH 1316 Section_____

Instructor: ___________________    Desk Phone: (214) 860-______________
Office: El Centro College Main Building______    Office hours: ___________________
Email: ________________________

Class Day/Time:

Course Title: Trigonometry    SEMESTER DATES: 1/22/19-5/16/19
Course Number: MATH 1316    Drop Date: 4/17/2019
Prerequisite: MATH 1314/1414 or equivalent preparation.

COURSE DESCRIPTION:
In-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates and parametric equations may be included (3 Lec.)

Essential Supplies and Technical Requirements

Required Software: MyMathLab (includes full e-text)

Optional Textbook: Trigonometry, 11th edition by Lial
Because the full e-text is included with MML, students are NOT required to buy the hardback text.

In addition to My Math Lab, students must have:

- 3 or 5 subject spiral notebook
- Loose-leaf paper
- Graph paper
- At least one paper folder with pockets
- Access to a TI-83/84 graphing calculator (you can use one at the El Centro Learning Center, A350 or you can download a graphing calculator app for your mobile device.
- Access to scanner which produces pdf files (download the app “CamScanner” to your mobile device or use the scanner in the El Centro Library)
- Scantron #882-ES for final exam
### DCCCD/State of Texas LEARNING OUTCOMES related to the book above:

<table>
<thead>
<tr>
<th>Learning Outcomes (as listed in ACGM)</th>
<th>Trigonometry, 10th edition by Lial, Hornsby, Schneider, Daniels</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Compute the values of trigonometric functions for key angles in all quadrants of the unit circle measured in both degrees and radians.</td>
<td>Chapter 1, Chapter 2, and Chapter 3 (3.1, 3.3)</td>
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<tr>
<td>2. Graph trigonometric functions and their transformations.</td>
<td>Chapter 4</td>
</tr>
<tr>
<td>3. Prove trigonometric identities.</td>
<td>Chapter 5</td>
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<tr>
<td>4. Solve trigonometric equations.</td>
<td>Chapter 6 (6.2,6.3)</td>
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<tr>
<td>5. Solve right and oblique triangles.</td>
<td>Chapter 2 (2.4,2.5), Chapter 7 (7.1-7.3)</td>
</tr>
<tr>
<td>6. Use the concepts of trigonometry to solve applications.</td>
<td>Chapter 2 (2.4,2.5), Chapter 3 (3.2,3.4), Chapter 7 (7.3,7.5)</td>
</tr>
</tbody>
</table>

### Attendance Policy:

Attendance is taken every class period. Students are expected to attend regularly and to be on time. Email _____________________________ if you are going to be or have been absent.

### Deadline Policy for MML Homework and Quizzes:

The deadline dates for MyMathLab are set according to the course calendar. I certainly understand situations that cause students to miss deadlines. However, I have found that students will perform better when held responsible for meeting deadlines. Therefore, I will allow three “deadline extension requests” per student. Once a student has “redeemed” his/her deadline extension requests, no others will be issued and zeros for unfinished assignments will be entered.

### Deadline Policy for Exams:

The deadline dates for exams 1, 2, 3 and the final exam are absolute deadlines and ARE NOT eligible for the deadline extension requests. The dates will be posted with the unit calendars.

### Calculator Policy:

Students should acquire access to a graphing calculator (not necessarily buy one). The Learning Center in A350 has TI-83+ calculators for students to borrow while in the center. You can also download a graphing calculator program like “wabbitemu” for your mobile device. For proctored exams, the ECC assessment center will provide the student with a TI – 83+ to use while testing. Students will not be allowed to use their own graphing calculator nor a cell phone while testing. **No TI-89s or Inspires or Casio CA capable calculators are allowed to be used for any work in the course.**
Course Evaluation:

MyMathLab Assignments:
MyMathLab is the platform for the on-line work in this course. MyMathLab also includes a fully accessible e-text for the course. The course calendars list due dates for the MML work in each unit. Do your absolute best to complete the MML work by the lesson’s due date. While the assignment is active, you may redo any MML HW/Qz as many times as you like. After the assignment’s due date, the MML assignment will be marked “Past Due”. After that you may redeem one of your “deadline extension requests” to extend the deadline to the end of the unit. It is important to note that you can review a completed MML Hw/Qz anytime. When in MML, click on “MML Hw/Qz Scores” and double click on the assignment title to review it.

MML is computed in the following way and then posted to the eCampus grade book:

- Unit 1 MML points (max: 35 pts) = (points for U1 MML / total points for U1 MML) times 35
- Unit 2 MML points (max: 35 pts) = (points for U2 MML / total points for U2 MML) times 35
- Unit 3 MML points (max: 35 pts) = (points for U3 MML / total points for U3 MML) times 35
- Unit 4 MML points (max: 35 pts) = (points for U4 MML / total points for U4 MML) times 35

Videos:
There is a video library in our eCampus site. These are videos that have been created for INET students by faculty in the MATH department. The department provides the links to on-campus students as well. Sometimes I might assign a video to be watched before class. I’ll let you know on the course calendar or by class announcement/email. Students should take notes in the spiral notebook when watching a video. Some video notes will count for written homework points.

Written work from the text:
There will be about 75 – 80 points for textbook written work this semester. The assigned problems will be listed on the unit calendars received in class. Sometimes you will need graph paper to complete the work. Be sure to buy a small package of graph paper. Remember that your MyMathLab access includes a complete eText. You will be able to look up the questions from the textbook that way. (# of points you earn above 75 = extra credit towards your point total)

Exams:
There will be three unit exams given this semester. These exams will be taken outside of class time in the Assessment Center with availability and deadlines posted in the Unit Calendars. The lowest exam score is dropped from the total point calculation, as shown in the evaluation procedures table below. Be sure to familiarize yourself with the El Centro College Main Campus Assessment Center procedures at the following link: El Centro College Main Campus Downtown Testing Center URL: http://www.elcentrocollege.edu/downtown-testing-center

Proctored Comprehensive Final***:
The final exam is comprehensive and will be held in the regular classroom as scheduled during Final Exam Week – 2018sp Final Exam Week is May 7, 2018 – May 10, 2018. Please bring blank notebook paper and a scantron to the final exam.

***Restrictions on the final exam...any student who submits a final exam without organized work to substantiate letter choices will receive a 0 for the final exam and may be disciplined for academic dishonesty.
SI Outside of Class Sessions:
Our SI student leader is:
The SI student leader will lead outside of class sessions (days/times TBA). Please plan to attend at least five of the sessions throughout the semester. You will receive 2 points (up to a max of 10) for each session you attend and stay the entire duration. These 10 points are a part of the grade calculations and it is a necessary part of the class, not optional. Please contact me if your schedule absolutely prevents you from attending on the days/times the SI student leader schedules. Each SI/tutoring session you attend (after the first required five) will earn you one bonus point, up to a maximum of 10 points.

Core Signature Assignment – CT3 “Critically Thinking Things Through”
El Centro College’s Quality Enhancement Plan is “CT3: Critically Thinking Things Through”. The Mathematics Department has designed a project to introduce students in MATH 1314 to critical thinking strategies, as well as help students document their thinking when tackling difficult, complex scenarios. You will work an assignment to fulfill the QEP-CT3 requirements of this course. The “Signature” QEP-CT3 assignment will be available during Unit #4. The assignment will count for 25 points towards your final point total. You must complete and upload a pdf for the Signature assignment no later than 11:59 pm on Thursday the week before spring break (Thursday, March 8, 2018).

Evaluation Procedures
The following table summarizes all of the graded activities of the course.

<table>
<thead>
<tr>
<th>Type of Evaluated Class Activity</th>
<th># of points possible</th>
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</thead>
<tbody>
<tr>
<td>EXAM #1*</td>
<td>100 pts</td>
</tr>
<tr>
<td>EXAM #2*</td>
<td>100 pts</td>
</tr>
<tr>
<td>EXAM #3*</td>
<td>100 pts</td>
</tr>
<tr>
<td>QEP Activity CT3: Critically Thinking Things Through</td>
<td>25 pts</td>
</tr>
<tr>
<td>MyMathLab Hw &amp; Qz Grades</td>
<td>U1 (35 pts) U2(35 pts) U3 (35 pts) U4 (35 pts) 140 pts</td>
</tr>
<tr>
<td>Written Homework from the text</td>
<td>75 pts</td>
</tr>
<tr>
<td>SI Outside of Class Sessions**</td>
<td>10 pts</td>
</tr>
<tr>
<td>Comprehensive Final Exam</td>
<td>200 pts</td>
</tr>
<tr>
<td>Total Possible Points (*top two exam scores + other point categories)</td>
<td>650 pts</td>
</tr>
</tbody>
</table>

Student’s Total Points in eCampus divided by 700 = % average

Letter grades are assigned based on the % average:

90% - 100% = A 80% - 89% = B 70% - 79% = C
60% - 69% = D 59% or less = F Non-attendance past drop date = N

The El Centro College Mildred Finch Learning Center
Offers free, walk in tutoring for MATH 1314. It is located in A350 of the El Centro College Main Building. There is a branch of the Learning Center at the West Campus and tutors are available there on a limited basis during the week. Please call (214) 860-2133 to inquire about tutoring schedules. You can also use the computers within the learning center, check out the hard-back textbook and/or a TI 83+ calculator for use while in the Learning Center. You will need your El Centro College ID to receive services at the Learning Center.
**Withdrawing from this class:**

**BEFORE YOU DROP:** For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop.

* Drop date for Spring 2020 is 4/16/2020 (Thursday).

You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access:


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**Institutional Links**

**Click for Learning Center Tutoring and Resources**  
URL: https://www.elcentrocollege.edu/services/academic-support/tutoring/pages/default.aspx

**Click for DownTown Testing Center**  
URL: https://www.elcentrocollege.edu/services/academic-support/testing-centers/pages/default.aspx

**Click for West Campus Testing Center**  
URL: https://www.elcentrocollege.edu/aboutecc/campus-information/locations/west-campus/pages/testing-center.aspx

**Click for Course Related Institutional Policies**  
URL: http://alt.elcentrocollege.edu/admissions/schedule/syllabus/Course-Related-Policies.pdf

**Click for El Centro College Institutional Policies**  
URL: http://alt.elcentrocollege.edu/admissions/schedule/syllabus/Institutional-Policies.pdf

**Click for the Title IX and Sexual Misconduct Policy**  
URL: http://alt.elcentrocollege.edu/students/title-ix-and-sexual-misconduct

**Click for the El Centro College Student Handbook**  
URL: https://www.elcentrocollege.edu/sliffecc/pages/student-handbook.aspx

**Click for a list of services available to all El Centro College students**  
URL: https://www.elcentrocollege.edu/sliffecc/servicesdirectory/pages/default.aspx

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**Disclaimer:**

The provisions contained in this syllabus do not constitute a contract between the student and El Centro College. These provisions may be changed at the discretion of the Coordinator/Instructor. When necessary, appropriate notice of such changes will be given to the student.