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Trigonometry Fall 2020

MAC1114 Trigonometry Syllabus

Instructor: Lauren Wickman
Office: LIT 403 (But I won't be there this semester due to quarantine)
Email: wickmanlauren@ufl.edu
Office Hours: MW 4th Period (10:40am-11:30am) on Zoom

(Office Hours will serve as problem-working sessions. We will work through the assigned homework problems together. Students can explain questions during this time to receive credit for their oral presentations. If you cannot attend the scheduled time, you will have to schedule a time outside of office hours to earn your oral presentation credit)

Google Drive Link (<https://drive.google.com/drive/folders/1pzT-9lggm5d1xGU3EDksqlpVh-T8CXIL?usp=sharing>): Everything will be uploaded to canvas, but here is a google drive link with all filled out notes and documents from the course.

Course Description

This course is the sequel to MAC1140 Precalculus Algebra and serves as an introduction to Trigonometry. In this course, we will cover Chapters 4 and 5 in Larson's textbook. Topics will include a basic introduction to trigonometric functions, graphing trigonometric functions, inverse trigonometric function, and analytic trigonometry. A detailed description of the course content goals and objectives can be found on Canvas.

Textbook

The required text for this course is:
Larson, Ron. Precalculus. Cengage Learning. 7th edition (2007). ISBN: 978-0618643448

Throughout the semester, I will assign homework from the textbook. You only need a copy (digital or physical) of the textbook, YOU DO NOT NEED TO PURCHASE AN ACCESS CODE. The homework will prepare you for quizzes and exams.

Homework (13% of grade)

Periodically throughout the semester I will assign homework that will serve as additional practice on lecture material. Homework sets will be collected via canvas on the night before exams. Students must write out their work in their own handwriting (NOT TYPED or Copy/pasted). Students will scan the homework with an app such as CamScanner, convert it to a pdf and then upload it to canvas.

Quizzes (23% of grade)

There will be 10 quizzes throughout the semester each worth 2.3% of your final grade. The quizzes will generally be scheduled every Friday (except on exam days) and will cover one lecture. The quizzes will closely resemble homework questions, so it is imperative that you keep up with homework.

Exams (50% of grade)

There will be 4 exams throughout the semester. The dates of exams and other important dates can be found in the course calendar. The exams will be proctored via Honorlock.

Lectures

Lecture note shells can be found on the Canvas page. You must fill in the shells with YOUR OWN HANDWRITING and upload them to canvas for a grade. I recommend watching the lecture videos I made and filling them out along with me. Examples of completed lecture notes can be found on the canvas home page. Please make sure you are reading for comprehension as you fill in the notes, and ask questions if something is unclear! Online classes put a lot of responsibility for learning on the students, so it's up to you to advocate for your own learning.

Lecture Notes (6% of grade)

In order to ensure class participation, you will submit a copy of your filled in notes from the unit (written with YOUR OWN HANDWRITING) on the day before exams. You will print the notes (or download them onto a tablet) and fill in all blanks with your own handwriting. You will then use an app such as CamScanner to take a picture of your notes and convert them to pdfs. Then upload them on canvas.

Oral Presentations (8% of grade)

In order to ensure class participation, you will explain how to solve a question from the homework orally via zoom. You can do this during office hours (problem working sessions) or individually by scheduling an appointment with your instructor. The explanation should take more than one minute but less than five minutes, so the problem you choose to explain should be somewhat involved. You only need to do this once per unit, and you can have more than one opportunity if you mess up the first one. I'll enter grades for these as the unit progresses.

Attendance, Late, and/or Missed Work Policies

The University attendance policy is as follows: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

I will not accept late homework. An excused absence will allow you to make up exams within one week. Use the following link to send verified documentation for an excused absence: <https://care.dso.ufl.edu/instructor-notifications/> (<https://care.dso.ufl.edu/instructor-notifications/>)

Grading

The breakdown of the course grade is as follows (please note that I do round to the one's place, for example an 89.1% would be an 89% and thus would count as an A-):

Homework (13 @ 1% each): 13%

Quizzes (10 @ 2.3% each): 23%

Exams (4 @ 12.5% each): 50%

Lecture Notes (12 @ .5% each): 6%

Oral Presentations (4 @ 2% each): 8%

Grade	Percentage
A	90%-100%
A-	87%-89%
B+	83%-86%
B	80%-82%
B-	77%-79%
C+	74%-76%
C	70%-73%
C-	67%-69%
D+	64%-66%
D	60%-63%
D-	57%-59%
E	0%-56%

Students must earn a grade of C or higher in courses taken to fulfill the University's math requirement. The UF grades and grading policy can be found here: <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

Canvas

You can access Canvas by going to <https://ufl.instructure.com/> and then using your Gatorlink username and password to login. Here you will find filled in lecture notes, practice exams, and homework assignments. You will also find links to the recorded lectures and notes from the exercises we work out together in office hours.

Students with Disabilities

1. Register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation.
2. Email your instructor (wickmanlauren@ufl.edu) (<mailto:wickmanlauren@ufl.edu>)) your accommodation letter, along with any additional information.
3. Register for the exams through the DRC (if you get extended time) to ensure testing accommodations are met.

This should be done as early as possible in the semester. However, you can submit your accommodation letter to the instructor at any point in the semester.

Academic Honesty

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code." On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<https://catalog.ufl.edu/ugrad/1617/advising/info/student-honor-code.aspx>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor of this class.

Campus Resources

U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352 392- 1575 so that a team member can reach out to the student.
Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS): Student Health Care Center, 392-1161.
University Police Department: 392-1111 (or 9-1-1 for emergencies). <http://www.police.ufl.edu/>

Extra Help

Teaching Center Math Lab: Located at SE Broward Hall (and LIT 215 – online via Zoom this semester due to quarantine restrictions). Offers free, informal tutoring: <https://teachingcenter.ufl.edu/tutoring/>
Private Tutors: A list of qualified private tutors for hire is available here: <https://math.ufl.edu/files/tutorlistSummerBC19.pdf>

Online Course Evaluation:

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at gatorevals.ua.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at gatorevals.ua.ufl.edu/public-results/.

Math Grad Notes (<https://people.clas.ufl.edu/wickmanlauren/notes-for-classes/>)
Previous Class Materials (<https://people.clas.ufl.edu/wickmanlauren/courses/>)
Trigonometry Fall 2020 (<https://people.clas.ufl.edu/wickmanlauren/trigonometry-fall-2020/>)
Home (<https://people.clas.ufl.edu/wickmanlauren/>)

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