

Syllabus For MAC 1114, Sections 2859 & 3054 Trigonometry with Mr. Mahoney

Contact Information and Meeting Times

Instructor: Mr. Mahoney

Office: Little Hall 476

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Email: gatormm@ufl.edu [Please use.]

Office Hours: 5th Period on Tuesday (12:50 p.m.)
4th and 5th Period on Thursday (11:45 a.m., 12:50 p.m.)

Class Meeting Times: Section 2859 meets Tuesday and Thursday at 8:30 a.m. in Little Hall 223
Section 3054 meets Tuesday and Thursday at 9:35 a.m. in Little Hall 125

Class Final Exam Times: Section 2859's final is scheduled for Tuesday Dec. 15 from 7:30 a.m. to 9:30 a.m.
Section 3054's final is scheduled for Monday Dec. 14 from 7:30 a.m. to 9:30 a.m.

Webpage: <http://lss.at.ufl.edu> and Then Click on the CANVAS link

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“What Do I Need For This Course?”

You will need the following for this course:

- WebAssign Access Code [... for accessing the Online Homework and eTextbook]
- Access to the Internet [... for accessing WebAssign, Lecture Notes, CANVAS, etc.]
- Loose Leaf Paper and Writing Devices [... for working out WebAssign and in-class quiz problems on paper]

Calculator Policy

Calculators are not allowed on class examinations (or quizzes). Some WebAssign questions will need decimal approximations for answers and this can be accomplished by typing the exact expression for the answer into a “Google Search Engine” search box.

What is this Course about?

Trigonometry is the study of the six trigonometric functions originally conceived by the ancient Greeks but have many significant modern applications. This course forms a large chunk of the MAC1147 “Precalculus” core and when combined with MAC 1140 will prepare you for the Calculus Sequence beginning with MAC2311.

How is this Course Taught?

Mr. M teaches the course by filling in his own lecture outlines, called “Topics”, which are based on the equivalent subset of notes in the MAC1147 course as taught by U.F.’s Mathematics department. However, these are Mr. M’s original notes and go into a lot more detail than the MAC1147 course can given it’s time frame. Course outlines will be emailed and/or made available on CANVAS.

Course Grading Scale

Your course points will be added up at the end of the term and rounded to the nearest whole point value. There are officially 300 points in the class but there are bonus point opportunities as well as penalties.

Letter Assigned	Points Needed	(≈% of total Points)	GPA points earned per credit
A	270 to 300	(90 %)	4.00
A-	261 to 269	(87 %)	3.67
B+	249 to 260	(83 %)	3.33
B	240 to 248	(80 %)	3.00
B-	231 to 239	(77%)	2.67
C+	219 to 230	(73 %)	2.33
C	210 to 218	(70 %)	2.00
C-	201 to 209	(67 %)	1.67
D+	189 to 200	(63 %)	1.33
D	180 to 188	(60 %)	1.00
D-	171 to 179	(57 %)	0.67
E	0 to 170		0.00

For information about UF grades and grading policies go to:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

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Course Grading Structure

The 300 course points are accumulated as follows:

Category	Points	Percentage
Attendance	5 Points	≈ 2 %
Lecture Note Cross-Word Puzzles	20 Points	≈ 7 %
WebAssign Homework / In-Class Quizzes	25 Points	≈ 8 %
WebAssign Scratch Work / eTextbook HW Collections	10 Points	≈ 3 %
Exam 01	60 Points	≈ 20 %
Exam 02	60 Points	≈ 20 %
Exam 03	60 Points	≈ 20 %
Final (can actually count twice)	60 Points	≈ 20 %
Total	300 Points	

Attendance

Starting Tuesday September 1, 2015 an attendance sheet will be passed around toward the end of class. You must write in your name next to the printed version of your name on the attendance sheet.

For every day you attend (sign the sheet) you will receive 0.1 grade points. For every consecutive pair of days you attend you will also receive 0.1 grade points.

EX: The table below shows Huey's, Dewey's, and Louie's attendance pattern over five days and the points they have earned. Since Dewey missed Day 02 and Day 04 he did not receive an attendance points for the Day 03/Day04 pair, the Day 04/Day 05 pair, and the Day 06/Day 07 pair.

Student:	Day 03	Day 04	Day 05	Day 06	Day 07	Total Points
Heuy	Attended	Attended	Attended	Attended	Attended	0.9
Dewey	Attended	Missed	Attended	Missed	Attended	0.3
Louie	Attended	Attended	Missed	Missed	Attended	0.4

Lecture Note Cross-Word Puzzles

Every Topic Outline is associated with 1 or 2 Crossword puzzles. Once we have covered up to a certain point in a Topic Outline then a certain Crossword puzzle will need to be completed by the following class period. The answers to the puzzle can be found in the completed Topic outlines. As crossword puzzles can be painfully slow to grade only a handful of students will be required to turn in a specific crossword puzzle on its due date. Everyone will eventually turn in several crossword puzzles. You will not know if you are turning in a crossword puzzle until right before it is collected. Your average percentage grade on all your submitted crossword puzzles will be multiplied by 20 to obtain your Crossword Puzzle Grade Points. Failure to turn in a crossword puzzle that you are responsible for on its due date will result in a 0 grade for that puzzle.

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WebAssign Homework / In-Class Quizzes

Every Topic Outline, except for some dealing with identities in Chapter 5, is associated with 1 or 2 WebAssign Homeworks. You must have access to WebAssign in order to complete these homeworks. WebAssign can be used for our course for free during the 14-day grace period. You will have to present a WebAssign Access Code or purchase one online by September 8, 2015.

You have 99 attempts to get each question right on a WebAssign homework but after 3 wrong attempts many questions will generate new random values for their unique parameters. You will have between 48 and 72 hours to complete any particular WebAssign homework.

As stated above, there are some sections in Chapter 5 where WebAssign just does not provide the same kind of practice that pencil-and-paper homework will. For these sections we will supplement with "E-Textbook" homework and in-class quizzes. In general we will not have weekly quizzes except for these few exceptions.

Each WebAssign Homework or in-class quiz is scored out of 10. However, your grade points from this category are determined by multiplying 25 by your average percentage grade on all Homeworks and Quizzes.

Getting Started with WebAssign

Remember, you must purchase WebAssign Access. The following table list just some options for students:

Pre-Calculus & College Algebra (Enh WebAssign Access Code)	U.F. Bookstore	\$93.75
Semester Access Directly From WebAssign	WebAssign	\$75.00
E-Book from Cengage the Publisher (follow the link: http://www.cengagebrain.com/course/1-1Z09XE5)	Cengage	\$50.00

To access WebAssign, visit www.webassign.net/ufl/login.html and use your Gatorlink username and password to login.

WebAssign Scratch Work / eTextbook HW Collections

You must work out your WebAssign Homework Questions, and any eTextbook homework questions, on loose leaf paper. Your scratch work must be labeled with the name of the assignment at the top of the first sheet of paper along with your name at the top right of the paper, your UFID underneath your name, and your section number underneath that. Your scratch work must be organized with each question number and attempt number clearly labeled. Your work should be legible and readable. All papers belonging to the same WebAssign or eTextbook homework should be stapled in the top left corner forming an assignment packet. All students will turn in one of their scratch work packets during the class period following each of the three midterm exams. The scratch work will be at the very least graded for organization, readability, and that there is scratch work for each of the problems you completed in the corresponding WebAssign homework. The average percentage grade of your three scratch collections will be multiplied by 20 to get your Scratch Work Points.

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Unnecessary Course Textbook

The official course textbook is *Precalculus UF Custom Edition*, 9th edition, by Larson. The complete version of the Textbook is fully compatible with this course. You do not need to purchase the textbook unless you want to. An electronic copy of it, the eTextbook, is available from WebAssign. Copies of the book and solutions manual are apparently available for in-library use at the reserve desk of UF Norman Library and UF Smathers Library West. No will never need the actual textbook.

Midterm Exams, Replacement Exam and Final Exam

Midterm exams will consist of:

- (1) fill-in the blank vocabulary questions inspired by the cross-word puzzles along with a provided work bank of answers, ...
- (2) True and False questions, ...
- (3) Multiple Choice Questions, and ...
- (4) 1 or 2 Free-Response questions.

The Final Exam will not have any free response questions on it. Exams are based on content seen in the lecture notes and on the assigned homework.

All exams are in class and worth at least 60 points in the course. All exams, including the final exam, are mandatory. Your final exam is also your replacement exam grade which means that if your final exam is higher than your lowest midterm exam then it will replace that midterm exam grade when your final grade is calculated.

The tentative dates of the midterm exams are Thursday, September 24, Thursday October 29, and Thursday, December 3. The Tuesday before each exam day will be an open review day so remember to bring questions.

Bonus Opportunities

Here are just some of the known “bonus opportunities”:

- There is actually 5.5 total points that can be earned by attending every day. You get to keep that extra 0.5 attendance point if you earn it.
- If you complete any part of a WebAssign homework before the 24 hours preceding its due date then the scores you earn on those parts are weighted at 105% of their original weight, meaning you gain an extra 5% for completing homework early.
- Exams will probably feature slightly more than 60 points so there is more opportunity to show what you know and still make a great grade but if you do really well then you’ll earn extra points which count toward your final total.
- There may be additional assignments which can earn you bonus points.

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“Known” Penalties

Here are just some of the known “penalties”:

- Failure you to sign the attendance sheet or sign it properly. If you forget to sign it then regardless of who remembers you being here, you can’t get the attendance point. Don’t sign the attendance sheet in someone else’s name space. That’s really annoying. You will be penalized one 0.1 attendance points for every time you do this.
- Submitting scratch work unstapled will result in a loss of points.
- Submitting scratch work, cross-word puzzles, and exams with missing names, UFID’s, and/or section numbers will result in a loss of points.
- Failure to follow explicitly written directions will result in a loss of points.

Incomplete Grades

A grade of I (incomplete) will be considered only if you meet the Math Department criteria which is found at www.math.ufl.edu. If you meet the criteria you must see me before finals week to be considered for an I. An I only allows you to make up your incomplete work, not redo your work.

Withdrawing From the Course

If you are contemplating a withdrawal from the course please feel free to come talk to Mr. M about your progress in the course before making the official decision.

For information on dropping courses and withdrawals go to:

<https://catalog.ufl.edu/ugrad/current/regulations/info/drops.aspx#drop>

Extenuating Circumstances

Mr. M will allow for the following situations when dealing with a missed final exam or continuous absence affecting multiple assignments. These situations must be **well documented**, meaning that Mr. M should have some form of paperwork which verifies that your individual situation is indeed one of the extenuating circumstances given below. The documentation should include a contact number that Mr. M can use to validate your documentation.

- Death or Immediate Hospitalization of a Biological Parent or Parent by Marriage
- Death or Immediate Hospitalization of a Legal Guardian [if not your Parent]
- Death or Immediate Hospitalization of a Sibling
- Death or Immediate Hospitalization of a Child or Legal Dependent.
- Death or Immediate Hospitalization of a spouse or life-partner.
- Attendance at a University Sponsored Event such as a Performance, Conference, or Athletic Competition
- A Court Imposed Legal Obligation

A birth counts as “Immediate Hospitalization”.

Making Up Assignments

Other than the Final Exam or Attendance Grades affected by long term absence Mr. M does not generally allow for any makeup assignments. Midterm exams cannot be made up. All other situations will be dealt with on a case-by-case basis. If you find yourself in a complicated situation please come discuss it with Mr. M.

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Unclaimed Graded Papers

However you exit the course please obtain any graded papers you want to keep before exiting the course as Mr. M destroys all papers belonging to students no longer enrolled in the course. Further, our WebAssign course is only available until December 30, 2015 at which point access to grades inside WebAssign will no longer be possible.

Students with Disabilities

Students requesting classroom accommodation must first register with the Disability Resource Center. The Dean of Students Office will provide documentation to the student who must then provide this documentation to me, Mr. M, at Little 476, when requesting accommodation.

Academic Honesty Guidelines

All students are required to abide by the Academic Honesty Guidelines which have been accepted by the University. The academic community of students and faculty at the University of Florida strives to develop, sustain and protect an environment of honesty, trust, and respect. Students are expected to pursue knowledge with integrity. Exhibiting honesty in academic pursuits and reporting violations of the Academic Honesty Guidelines will encourage others to act with integrity. Violations of the Academic Honesty Guidelines shall result in judicial action and a student being subject to the sanctions in paragraph XIV of the Student Code of Conduct. The conduct set forth hereinafter constitutes a violation of the Academic Honesty Guidelines (University of Florida Rule 6C1-4.017).

Free Help

In addition to attending class and visiting me either during scheduled Office Hours or by appointment, the following aids are available.

- The Teaching Center Math Lab, located at SE Broward Hall, offers free informal tutoring. You may want to attend different hours to find the tutors with whom you feel most comfortable. Go to www.teachingcenter.ufl.edu to find their hours. You can also request free one-on-one tutoring.
- Textbooks and solutions manuals are located at the reserve desks at Norman Hall Library and Smathers Library West.
- Private Tutors: If after availing yourself of these aids, you feel you need more help, you may obtain a list of qualified tutors for hire at www.math.ufl.edu. Search "tutors".
- The Counseling Center has some informative information on developing math confidence. Go to <http://www.counseling.ufl.edu/cwc/Developing-Math-Confidence.aspx> for information on math confidence and information on joining the Academic Confidence Group.

Instructor Evaluations

Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.