MAC 1114: TRIGONOMETRY	
FALL 2018	

1 Course Overview

INSTRUCTOR:
Cristina Korb
Office: Little 417
Email: cekorb@ufl.edu
Class time and Place: Section 2859 - T/Th 2nd period(8:30 am - 9:20 am) in Matherly 115
          Section 3054 - T/Th 3rd (9:35 am - 10:25 am) in Matherly 117
Office hours: Monday 3rd period (9:35 am -10:25 am) in Little 215
          Tuesday 5th (11:45 am - 12:35 pm) period in Little 417
          Thursday 4th period (10:40 am - 11:30 am) in Little 417

1.1 Content & Prerequisites

MAC 1114 is a comprehensive introduction to trigonometry, preparing the student for more advanced courses in which trigonometric and other transcendental functions are used extensively. We will use both analytical and graphical techniques to develop familiarity and intuition for these functions. The material covered will roughly correspond to Chapters 4 and 5 of Larson's book.

This course assumes prior knowledge of intermediate algebra (Algebra 2). Students should be able to do arithmetic without a calculator. You should already be competent in working with high school algebra topics such as the ones covered in Appendices A1-A7 in the textbook.

1.2 Course Materials

- WEBASSIGN(REQUIRED): All students are **required** to have access to WebAssign. This includes an e-book version of the textbook. A hard copy of the text is *not* required. A WebAssign access code may be purchased either:

    1. Via UF's "Opt-In" utility(a reduced price), which bills directly to your student account: https://www.bsd.ufl.edu/G1CO/IPay1f/start.aspx?TASK=INCLUDED

    2. From the UF Bookstore: individually or bundled with the textbook

    3. Directly from WebAssign but not a reduced price: https://www.webassign.net/ufl/login.html

At the beginning of the semester, there is a two week grace period to use WebAssign before your must pay for access.

- TEXTBOOK(OPTIONAL): You do NOT need to purchase a hard copy of the book, but you may if you wish. You will have access to an electronic version of the text (ebook) through WebAssign.

  Larson, Ron. *Precalculus*. Cengage Learning. 10th edition (2017). ISBN: 978-1337271073.

- CALCULATOR: A calculator and similar tools (eg. WolframAlpha) can be useful when used appropriately, but are not required. You should learn to solve problems by hand. Some homework might ask you to use a calculator but *you will not be allowed to use a calculator during the in-class quizzes and exams.*

2 Grade Overview (back to top)

- IN CLASS QUIZZES:

  In class quizzes will be given regularly to ensure that you are keeping up with the material covered in class and on the homework. They will contain similar questions to the group activities and the homework. There will be at least 6 quizzes. Refer to the calendar for scheduled quizzes. However, **additional unannounced quizzes may be given from time to time**. At the end of the semester, one lowest quiz score will be dropped. In total, the quizzes will count for 10% of the final grade.

- IN CLASS ACTIVITIES:

  Almost every class you will complete an activity from the material that was just presented wither individually or as a group. You will be allowed to use notes and can work in pairs or small groups of 3 or 4. These graded activities must be completed in class, so there are **no make-ups**. Please do not ask. Plan to attend all class meetings, so that you may earn credit for these assignments. Due to the possibility of absences beyond your control, the lowest two activities will be dropped before calculating your final course grade. The Group Activities make up 5% of you final grade.

- WEBASSIGN HOMEWORK AND QUIZZES:

  Homework is absolutely critical to your success in this course. The only way to learn how to do mathematics is to practice doing mathematics. Homework assignments will be posted regularly on WebAssign. Each homework assignment will be graded both for completeness and correctness. The WebAssign homework and quizzes are due on Sundays or Wednesdays. Please refer to the calendar for all due dates. You are responsible to watch for the due dates of the online work. You have 5 attempts for each homework and your highest score will be recorded. For Webassign quizzes you have two attempts. Since you have a window of a week to complete your online work, there will be NO LATE submission! At the end of the semester 2 WebAssign homeworks and 2 WebAssign Quizzes will be dropped. If you happen to miss a few assignments due to sickness or other unforseen issues, you will use

your drops for those missed assignments. The WebAssign homework and quizzes will count for 20% of your final grade in the course.

- EXAMS:

  There will be three exams given during the semester. The best two of these three exam scores will count for 45% of your course grade. The exams will be given in class, on the following dates:

  Exam 1 .... Thursday September 20th
  Exam 2 .... Thursday October 18th
  Exam 3 .... Thursday November 15th

  Students are responsible for material covered in the course, including lectures, homeworks, and quizzes.

- FINAL EXAM:

  The final exam will be a comprehensive (cumulative) final covering all material studied during the semester. It will count for 20% of your grade in the course. This final exam will be given on **Monday, December 10th from 7:30 am to 9:30 am**.

- ATTENDANCE & PARTICIPATION:

  Your attendance in class and online shows your commitment to your education. Arriving to class on time and actively participating in a positive manner until the minute that class ends are indicators of a serious and dedicated student on his/her way to becoming a successful professional. There are no make-ups on in-class work. You are responsible to stay up-to-date with notes and announcements from the days you missed. Coming to class unprepared because you missed the previous day is unacceptable and not an excuse. Attendance will be recorded daily and will be taken under consideration when entering your final grade.

- MAKE-UP AND EXTENSION POLICY:

  Since it is expected that some students may miss exams or quizzes during the semester, the lowest of the three midterm exams and two in class quiz scores will be dropped. **As a result, no make-up exams or quizzes will be given, under any circumstances**. Late WebAssign homework will also not be accepted.

3 Grade Distribution (back to top)

To summarize, your final grade in the course will be derived as follows:

WebAssign HW and Quizzes	20%
In class Quizzes	10%
In class Activities	5%
Midterm exams(best 2 of 3)	45%
Final Exam	20%
Total	100%

This grade will then be converted to a letter grade using the following grading scale:

>= 90.00	A	70.00 - 73.99	C
87.00 - 89.99	A-	67.00 - 69.99	C-
84.00 - 86.99	B+	64.00 - 66.99	D+
80.00 - 83.99	B	60.00 - 63.99	D
77.00 - 79.99	B-	57.00 - 59.99	D-
74.00 - 76.99	C+	<= 56.99	E

Note: Any grade lower than C does not give Gordon Rule or General Education credit. Extra assignments for individual students to improve a grade are not possible. There will be no review of disputed points at the end of the semester. **All grade concerns must be settled within one week of the receiving the grade on the assignment**. For a complete explanation of current policies for assigning grade points, refer to the UF undergraduate catalog: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx.

4 General Information (back to top)

4.1 Getting Help

TECHNICAL DIFFICULTIES

For issues with technical difficulties for Canvas, please contact the UF Help Desk at:

- http://helpdesk.ufl.edu
- (352) 392-HELP (4357)
- Walk-in: HUB 132

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from the Help Desk when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Other resources are available at http://www.distance.ufl.edu/getting-help for:

- Counseling and Wellness resources
- Disability resources
- Resources for handling student concerns and complaints
- Library Help Desk support

Should you have any complaints with your experience in this course please visit http://www.distance.ufl.edu/student-complaints to submit a complaint.

There are many resources available to help you succeed in the course. In addition to your instructor, resources include:

1. The LIT 215 Math Lab is located in Little Hall and is open Monday-Friday, 9:35 am to 4:00 pm. It is staffed by Broward tutors and mathematics graduate students. You can go there to study and to ask any questions you may have. I will be in the Math Lab every Monday period 3.

2. The Teaching Center Math Lab, located at SE Broward Hall, is a tutorial service staffed by trained math and science students to provide help with your calculus questions and homework. Tutors will be glad to provide guidance on specific problems after you have attempted them on your own. You may want to attend different hours to find the tutors with whom you feel most comfortable. You can also request free one-on-one tutoring. Check the webpage, https://teachingcenter.ufl.edu/ for a map of the location, tutoring hours, and more. All students are encouraged to use the resources of the Broward teaching center.

3. Office of Academic Support offers free one-on-one and small group tutoring sessions to any UF students. See http://oas.aa.ufl.edu/programs/tutoring/ for details.

4. UF Counseling Center provides information and workshops on developing Math Confidence. The center also offers counseling support in case of issues with academics, adjusting to the stress of college life, or personal challenges. Please use this resource before you get overwhelmed! You may contact the center at https://counseling.ufl.edu/.

5. Textbooks and solutions manuals are located at the reserve desks at Marston Science Library.

6. Private Tutors: If after considering all of these aids, you feel you need more help, a list of qualified tutors for hire is available at https://www.math.ufl.edu/files/tutorlistFall2018.pdf.

4.2 Accommodations for Students with Disabilities

Students requesting class and exam accommodations must first register with the Dean of Students Office Disability Resource Center (DRC). Information about the DRC is available at https://drc.dso.ufl.edu/. The DRC will provide a documentation letter to the student to present to the course instructor. This must be done as early as possible in the semester (i.e. at least 7 business days before the first exam), so there is adequate time to make proper accommodations.

4.3 Academic Honesty Policy

All University of Florida 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.

As such, on all work submitted for credit by students at the University of Florida, the following pledge is either explicitly required or implied:

> *On my honor, I have neither given nor received unauthorized aid in doing this assignment.*

You should read and familiarize yourself with the Honor Code, available at https://sccr.dso.ufl.edu/students/student-conduct-code/. It specifies a number of behaviors that are in violation, 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.

4.4 U Matter, We Care

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu, so that the U Matter,We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 911.

4.5 Online Evaluations

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations 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/.

Disclaimer: This syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.

Monday		Tuesday		Wednesday		Thursday		Friday		Sunday	
Aug 20th	1	21st	2	22nd	3	23rd Syllabus L1	4	24th	5	26th	6
27th	7	28th L1	8	29th	9	30th L2 Quiz 1	10	31st	11	Sep 2nd WA-L1 HW WA-L1 Quiz	12
3rd	13	4th L2	14	5th	15	6th L3	16	7th	17	9th WA-L2 HW WA-L2 Quiz	18
10th	19	11th L3 Quiz 2	20	12th	21	13th L4	22	14th	23	16th WA-L3 HW WA-L3 Quiz	24
17th	25	18th L4 Practice Exam 1	26	19th WA-L4 HW WA-L4 Quiz	27	20th Exam 1	28	21st	29	23rd	30
24th	31	25th L5	32	26th	33	27th L5	34	28th	35	30th WA-L5 HW WA-L5 Quiz	36
Oct 1st	37	2nd L6 Quiz 3	38	3rd	39	4th L6	40	5th	41	7th WA-L6 HW WA-L6 Quiz	42
8th	43	9th L7 Quiz 4	44	10th	45	11th L7	46	12th	47	14th WA-L7 HW WA-L7 Quiz	48
15th	49	16th Practice Exam 2	50	17th	51	18th Exam 2	52	19th	53	21st	54

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SUNDAY
22nd　　55	23rd　　56 L8	24th　　57	25th　　58 L8	26th　　59	28th　　60 WA-L8 HW WA-L8 Quiz
29th　　61	30th　　62 L9 Quiz 5	31st　　63	Nov 1st　64 L9	2nd　　65	4th　　66 WA-L9 HW WA-L9 Quiz
5th　　67	6th　　68 L10 Quiz 6	7th　　69	8th　　70 L10	9th　　71	11th　　72 WA-L10 HW WA-L10 Quiz
12th　　73	13th　　74 Practice Exam 3	14th　　75	15th　　76 Exam 3	16th　　77	18th　　78
19th　　79	20th　　80 L11	21st　　81	22nd　　82 Happy Thanksgiving!	23rd　　83	25th　　84
26th　　85	27th　　86 L11	28th　　87	29th　　88 L12 Quiz 7	30th　　89	Dec 2nd　90 WA-L11 HW WA-L11 Quiz
3rd　　91	4th　　92 Practice Final Exam	5th　　93 WA-L12 HW WA-L12 Quiz	6th　　94 OFF Reading Days	7th　　95	9th　　96
10th　　97 Final Exam 7:30 am - 9:30 am	11th　　98	12th　　99	13th　　100	14th　　101	16th　　102