The University of Iowa
The College of Liberal Arts and Sciences
Department of Mathematics
14 MacLean Hall

MATH:1010:0101
Trigonometry
MWF 3:30pm-4:20pm
105 MacLean Hall

Some of the policies relating to this course (such as the drop deadline) are governed by its administrative home, the College of Liberal Arts and Sciences, 120 Schaeffer Hall.

Course Instructor

Instructor: Ranthony Edmonds
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Office hour (in 1F MLH): Fridays 1:30pm-2:20pm
Math Lab hours (in 125 MLH): Monday 9:30am-11:30am, Wednesday 9:30am-11:30am

Course Supervisor

Supervisor: Dr. Olga Sokratova
Office: 325J MacLean Hall
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Office hours (in 325J MLH): Tuesdays 1:00pm-3:30pm

DEO Contact Information

Department Chair: Dr. Dan Anderson
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Description of Course:

This course is intended for students who are proficient in algebra but whose background lacks trigonometry. Topics include trigonometric and inverse trigonometric functions, solutions of right and oblique triangles, trigonometric identities, trigonometric equations, trigonometric form of complex numbers, and vectors.

This is the second course in the two-semester precalculus sequence. After successfully completing MATH:1005 (College Algebra) and MATH:1010 (Trigonometry), students are fully prepared for the trigonometry-based calculus courses MATH:1850, MATH:1460, or MATH:1550. Alternatively, students may take MATH:1020 which covers the content of both MATH:1005 and MATH:1010.

Prerequisites:
MATH:1005 with a grade of C- or higher or MATH:1340 with a grade of C- or higher or MATH:1380 with a grade of C- or higher or ALEKS score of 55 or higher or MPT Level 3 score of 9 or higher.

Recommendations:
It is strongly recommended that students whose math placement score is older than one year retake the math placement test for accurate placement and success in the course.

Required Materials:
- Text: Barnett, Analytic Trigonometry, 11th Edition (ebook or physical text)
- WileyPlus (purchase of student access code required).

Purchasing options:
1. Physical text + WileyPlus access code (ISBN 978-11-825198-0): Available at Iowa Book or University Bookstore.
2. WileyPlus access code alone: Available at Iowa Book, University Bookstore, or online at http://www.wileyplus.com/ (follow instructions in "Getting Started with Wiley Plus" available on ICON).
Note that both options include the e-book.

Optional Materials:
Student Solutions Manual, ISBN: 978-1-118-11583-1

Note the following:
1. You will use WileyPlus to complete your homework assignments online.
2. You will need internet access to use WileyPlus.
3. Your purchase of WileyPlus includes an online version of the text (ebook).
4. There is a 14 day grace period before you need to enter an access code.
5. Class URL link: http://www..wileyplus.com/class/561342

Material to be covered from the Text:
All chapters of the textbook will be covered in this course.

ICON (https://icon.uiowa.edu/):
Class announcements, due dates, and information pertaining to homework, quizzes, and tests will be posted regularly on ICON. You should check ICON daily for announcements.

Tentative Schedule:

Week	Date	Lesson	Assessment
1	1-16	**NO CLASS**	**Enjoy University Holiday!**
	1-18	Intro, 1.1	
	1-20	1.1 (cont'd)	Syllabus Quiz
2	1-23	1.2	Video Quiz 1
	1-25	1.3	HW
	1-27	1.3 (cont'd)	Quiz 1
3	1-30	1.4	Video Quiz 2
	2-1	2.1	HW
	2-3	2.2	Quiz 2
4	2-6	2.3	Video Quiz 3
	2-8	2.3 (cont'd)	HW
	2-10	2.5	Quiz 3
5	2-13	2.5 (cont'd)	
	2-15	TBD	HW
	2-17	None	**Midterm 1: Chapters 1& 2**
6	2-20	3.1	Video Quiz 4
	2-22	3.2	HW
	2-24	3.3	Quiz 4
7	2-27	3.5	Video Quiz 5
	3-1	3.6	HW
	3-3	4.1	Quiz 5
8	3-6	4.2	Video Quiz 6
	3-8	4.3	HW
	3-10	4.4	Quiz 6
9	3-13 to 3-17	**NO CLASS**	**Enjoy Spring Break!**
10	3-20	4.5	
	3-22	TBD	HW
	3-24	None	**Midterm 2: Chapter 3 & 4**
11	3-27	5.1	Video Quiz 7
	3-29	5.2	HW
	3-31	5.3	Quiz 7
12	4-3	5.3 (cont'd)	Video Quiz 8
	4-5	6.1	HW
	4-7	6.2	Quiz 8
13	4-10	6.2 (cont'd)	Video Quiz 9
	4-12	6.3, 6.4	HW
	4-14	6.4	Quiz 9
14	4-17	6.5	
	4-19	TBD	HW
	4-21	None	**Midterm 3: Chapters 5 & 6**
15	4-24	7.1	Video Quiz 10
	4-26	7.2	HW
	4-28	7.3	Quiz 10
16	5-1	7.3 (cont'd),7.4	Video Quiz 11
	5-3	7.4 (cont'd)	HW
	5-5	TBD	Quiz 11

Calculation of Grade:

Attendance   4%
Homework   15%
Quizzes   15%
Midterm I   12%
Midterm II   12%
Midterm III   12%
Final Exam   30%

Grading System:
Grades will be assigned on a curve, which will be determined after the final exam. The curve will not be lower than the following:

93-100%	90-92.9	87-89.9	83-86.9	80-82.9	77-79.9	73-76.9	70-72.9	67-69.9	63-66.9	60-62.9	less than 60
A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F

Note that no A+ will be given in this course.

Midterm Exams: There will be three 50-minute midterm exams. All midterm exams **must** be taken in class.

Midterm I   Friday, February 17, 2017, during class
Midterm II   Friday, March 17, 2017, during class
Midterm III   Friday, April 21, 2017, during class

All exams are closed-book, closed-notes.

Final Exam:
The final examination date and time will be announced by the Registrar generally by the fifth week of classes. All students should plan on being at the UI through the final examination period, which is May 8 through May 12, 2017. Once the Registrar has announced the date, time, and location of each final exam, the complete schedule will be published on the Registrar's website and will be shared with instructors and students. Do not make your end of the semester travel plans until the final exam schedule is made public. It is the student's responsibility to know the date, time, and place of the final exam.

Final Exam   TBD

The final exam will be cumulative. All exams are closed-book, closed-notes.

Make-up policy for exams:
Make-up exams will only be given under exceptional circumstances (e.g. certified medical emergency). They will not be given, for example, in the case that an exam conflicts with your travel plans.

Quizzes:
Quizzes will be given both in-class and online via ICON. ICON quizzes based on the textbook and instructional videos will be due every Monday before class except for exam weeks. The quizzes on ICON can be found under the Quizzes tab or under the appropriate section in the Modules tab and are not optional. They will account for approximately 1/3 of your quiz grade for the course. There will be an in-class quiz every Friday at the beginning of class except for exam weeks. These quizzes will be over in-class notes and the homework and will account for approximately 2/3 of your quiz grade for the course.

Make-up policy for in-class quizzes:
In-class Quiz make-ups will only be allowed for official University events, religious obligations, emergencies, or illness. It is your responsibility to contact me to arrange a time to make up a missed quiz. Make-ups **must** be completed within one week of the missed quiz. To qualify for a make-up in the case of an official university event your supervising professor/coach must confirm your intended participation via letter or e-mail **BEFORE** the day of the quiz. If you miss an exam/quiz due to illness, you should contact me as soon as possible as well as submit the absence form through the Registrar website. If you miss more than one exam/quiz due to illness, medical documentation should be presented. To cover all other contingencies (oversleeping, out of town, etc.) the two lowest quiz scores will be dropped at the end of the semester.

Note: There will be no makeup quizzes allowed for online video quizzes except in very rare circumstances.

Homework:
Graded homework assignments will be completed with WileyPlus. Homework will be due each Wednesday over the appropriate sections covered in class since the previous assignment. Refer to WileyPlus and ICON for due dates and instructions. Occasionally you will be given a homework assignment to be completed by hand (on paper). It will be announced on ICON. Late homework will be accepted, but it will accrue a 20% penalty for each day that it is late. The two lowest homework scores will be dropped at the end of the semester.

Attendance:
Attendance will be taken every day. Absences will only be excused for a family emergency, a university-sanctioned field trip, the observance of a religious holiday, or illness. If you miss a class due to illness, you should submit the absence form through the Registrar website. If you miss more than five days of classes due to illness, then you should provide a record of appointments or documentation from a health care provider. You are allowed to have three unexcused absences without a penalty; each subsequent unexcused absence will lower your overall grade by 0.5%. (E.g., if you miss 4 classes, your attendance grade is 3.5%. If you miss 11 or more class, your attendance grade is 0.) **If you miss a class, you are still responsible for the material discussed in class and for all the announcements made in class.**

Course Policies:
Remember that in math every lesson builds on the lesson from the previous day, so that if you miss a class you will have trouble understanding the next day's lesson. If you know ahead of time that you will be late for a class or must leave early, please notify me beforehand.

Timely completion of assignments: There will be a penalty for late homework as outlined above.

*Calculators***:** Unless otherwise indicated, no calculators or other electronic devices are allowed on exams or quizzes. Exams and quizzes are written in such a way that a calculator is not necessary.

Student Collaboration: The homework for this course is designed to help you master the topics covered during lecture. As such, you may work on the homework problems with others or use online resources. However, please be aware that to master the skills needed for this class, practice is required and that to do well on the final exam you will need to work many of these problems multiple times without help. Be sure to test your knowledge by doing as much of the homework as you can on your own.

Other Expectations of Student Performance: Expect to spend at least 6 hours weekly outside of the classroom doing the assignments and studying your notes. You should plan to spend more than 6 hours/week when you are preparing for the midterm and final exams.

Classroom behavior:
I expect you to treat your classmates and me with respect at all times. In particular, this means that cell phones, tablets, laptops, and any other electronic devices must be in silent mode and must be kept out of sight during lectures and exams unless otherwise indicated. If you are disrupting the class, you will be given only one warning. If you disrupt the class again, you will be excused from class for the remainder of the day. You will be marked absent for that entire class meeting.

As is the case with the attendance policy, the purpose of the classroom behavior policy is to help reduce disruptions to the classroom environment. Classroom disruptions include, but are not limited to, speaking to anyone other than the instructor during lecture and interrupting the instructor or a fellow student while that individual is speaking.

Resources for Students:
The Math Tutorial Lab offers free tutorial services for the course material. Participation is optional but strongly encouraged. It is located in 125 MLH, and it is staffed by teaching assistants from the Department of Mathematics.

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Teaching Policies & Resources
Syllabus Insert

Administrative Home
The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS Academic Policies Handbook at http://clas.uiowa.edu/students/handbook.

Electronic Communication
University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences (Operations Manual, III.15.2, k.11).

Accommodations for Disabilities
The University of Iowa is committed to providing an educational experience that is accessible to all students. A student may request academic accommodations for a disability (which includes but is not limited to mental health, attention, learning, vision, and physical or health-related conditions). A student seeking academic accommodations should first register with Student Disability Services and then meet with the course instructor privately in the instructor's office to make particular arrangements. Reasonable accommodations are established through an interactive process between the student, instructor, and SDS. See http://sds.studentlife.uiowa.edu/ for information.

Academic Honesty
All CLAS students or students taking classes offered by CLAS have, in essence, agreed to the College's Code of Academic Honesty: "I pledge to do my own academic work and to excel to the best of my abilities, upholding the IOWA Challenge. I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others; nor will I help fellow students to violate the Code of Academic Honesty." Any student committing academic misconduct is reported to the College and placed on disciplinary probation or may be suspended or expelled (CLAS Academic Policies Handbook).

CLAS Final Examination Policies
The final examination schedule for each class is announced by the Registrar generally by the fifth week of classes. Final exams are offered only during the official final examination period. **No exams of any kind are allowed during the last week of classes.** All students should plan on being at the UI through the final examination period. Once the Registrar has announced the date, time, and location of each final exam, the complete schedule will be published on the Registrar's web site and will be shared with instructors and students. It is the student's responsibility to know the date, time, and place of a final exam.

Making a Suggestion or a Complaint
Students with a suggestion or complaint should first visit with the instructor (and the course supervisor), and then with the departmental DEO. Complaints must be made within six months of the incident (CLAS Academic Policies Handbook).

Understanding Sexual Harassment
Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Office of the Sexual Misconduct Response Coordinator for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather

In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Department of Public Safety website.