

Math 1080

Updated 31 August 2020

Table of Contents (The links below will take you to that part of the document):

COURSE DETAILS.....	1
CONTENT OVERVIEW.....	3
COURSE EXPECTED LEARNING OUTCOMES (ELOs).....	3
COURSE DESIGN.....	4
CLASS SCHEDULE & IMPORTANT DATES.....	5
COMMUNICATION.....	5
ASSIGNMENTS, ASSESSMENT & GRADING.....	5
ACADEMIC CODE OF CONDUCT.....	6
COURSE POLICIES.....	6
ADDITIONAL POLICIES AND RESOURCES.....	7

Course Number and Title: Math 1080-005

Semester and Year: Fall 2020

Instructor: Eric Brown

Email: ebrown at math period utah dot edu

Zoom Handle: See canvas

Office Hours: MW 1:45-2:30pm and by appointment

COURSE DESCRIPTION

Math 1080 Provides an accelerated review of college algebra and trigonometry. The same curriculum is used in Math 1080 as in Math 1050 (College Algebra) and Math 1060 (Trig). In Math 1050, about 60% of the materials will be presented synchronously and 40% asynchronously, through required videos and readings. According to university guidelines, an average student should expect to spend 15-21 hours per week outside of class in addition to the time in class. Some students will get by with less; other students may need more time.

Prerequisite: At least a B grade in Math1010 or Math1050 or Math1060 OR Math ACT score of at least 24 OR Math SAT score of at least 560 OR Accuplacer CLM score of at least 65 (within the last two years).

Important Note: The mathematics department DOES enforce prerequisites for all undergraduate courses. If you were able to register for this class based on your enrollment in the prerequisite course last semester and you did not receive the minimum grade in that course to enter this class, then you will be dropped from this class on Friday of the first week of classes. If you are in this situation, it is in your best interest to drop yourself from this class and enroll in a class for which you have the prerequisites before you are forcibly dropped.

Future Courses: Most students who take Math 1080 plan to go on to calculus. A grade of C in Math 1080 is a prerequisite for Calculus 1, Math 1210. You can obtain the same prerequisite by completing Math 1050 and Math 1060.

COURSE DETAILS

- **Course Type:** IVC (Interactive video conferencing, also called synchronous online)
- **Location & Meeting Times:** The class meets from 12:55-1:45pm. All classes will be held in Zoom. The link to the class and the Zoom password will be posted in Canvas.

- **Attendance & Punctuality:** Students are expected to attend the synchronous online classes. (Classes will be recorded, but the class is designed with active participation in mind and students benefit most when present.) On Fridays, there will either be a quiz or an exam. You need to be present in the online class in Zoom to participate in these assessments. Not being present during an assessment but turning it in will be considered academic misconduct. However, a certain number of quizzes will be dropped in order to accommodate for illness and other absences (see the late/absent policy later in the syllabus).
If you have a severe situation that cannot be accommodated through the above policies, you are expected to contact me in a timely way to discuss accommodations.
- **Course Materials:**
 - **Textbook:** The course uses Math1050 College Algebra (2018) and Math 1060 Trigonometry, 1st Edition (2017). These texts were created by a Partnership Between Institutions in the Utah System of Higher Education. You can access the texts for free in Canvas.
 - **Additional course materials:**
 - The course website is in Canvas.
 - The course uses Online Homework through a system called iMathAs. This homework is free to students and can be accessed on Canvas.
 - The course will use online videos created for the Math 1050-90 and Math 1060-90 courses. They are available through the Canvas modules or in both streaming and downloadable versions at <http://www.math.utah.edu/lectures/math1050New.html> and <http://www.math.utah.edu/lectures/math1060New.html>. There are video quizzes to be taken while watching the videos. These quizzes are available in Canvas.
 - We will use the online site, Gradescope, for grading and giving feedback on exams. There is a link in Canvas to Gradescope. You may be asked to submit some assignments directly to Gradescope.
- **Technical requirements:**
 - For both quality learning and proctored testing, students are required to have access to the following equipment:
 - A strong internet connection with sufficient bandwidth (in order to participate in IVC classes, access course materials, and take exams)
 - A webcam on your computer or camera on your phone (this is required for taking quizzes and exams in Zoom; it is recommended for IVC lecture classes)
 - A scanning device which is different than the device you are using for your webcam (smartphones can be used as scanning devices)
 - A microphone (used for online meetings)
 - A well-lit study area (necessary for proper use of webcam and scanning device)
 - Students are expected to be computer literate and Canvas and Zoom navigation skills are expected. Knowledge and navigation of Canvas and Zoom is critical to access all features and resources of this course.
 - Students are expected to participate in the IVC portion of class, which is done through Zoom, with audio and visual enabled. This is expectation is there, because it improves learning and the classroom environment. If students need to turn off cameras and/or microphones, this is allowed. It is polite if you will be doing so for long periods to inform your instructor. Also note, even though microphones are enabled, they may be muted when not in use.
 - During quizzes and exams, students are required to have audio and microphone and to have it enabled (students may be asked to mute your microphone for portions of the assessments.) Students need to position the camera and/or themselves so that their head, hands and workspace is visible. Students are required to have a separate scanning device and continue to have their Zoom camera turned on while scanning; during the scanning phase, students may be gone from the screen for a few seconds if this is prearranged with their instructor.
 - A printer is **strongly** recommended, but not required, so that you can print out templates for quizzes and exams ahead of time. If you do not have a printer, you will need to make and use hand-written versions. You must copy these exactly, but they are designed to be fast and straight forward to create by hand.
 - Calculators will be useful on some homework assignments, but will not be allowed on exams nor the final.

If you do not have a scientific or graphing a calculator, there are free calculator applications online.

- **Syllabus subject to change:** This syllabus is meant to serve as an outline and guide for our course. Please note that I may modify it with reasonable notice to you. I may also modify the Course Schedule to accommodate the needs of our class. Any changes will be announced in class and posted on Canvas.

CONTENT OVERVIEW

The course goal is for students to improve their quantitative reasoning, gaining an understanding of algebra and trigonometry which prepares them for calculus and other courses.

COURSE EXPECTED LEARNING OUTCOMES (ELOs)

College Algebra ELOs	Trigonometry ELOs
<ol style="list-style-type: none"> 1. Sketch the graph of quadratic and cubic polynomials, rational, radical, exponential, logarithmic, and piecewise functions with or without transformations. Be able to identify important points such as x- and y-intercepts, maximum or minimum values; domain and range; and any symmetry. 2. Given the graph of a function, be able to identify the domain, range, any asymptotes and/or symmetry, x- and y-intercepts, as well as find a rule for the function if it is obtained from a standard function through transformations. 3. Perform composition of functions and operations on functions 4. Find the inverse of a function algebraically and graphically. 5. For polynomial, rational exponential and logarithmic functions, identify the x-intercepts, asymptotes, end behavior and domain from algebraic and graphic representations. Convert back and forth between algebraic, graphical and verbal representations. 6. Solve polynomial, rational, exponential, and logarithmic equations and inequalities. 7. Define i as the square root of -1 and know the complex arithmetic necessary for solving quadratic equations with complex roots. 8. Give an equation or verbal description for a conic given a graph of the conic; given an equation of a conic, recognize the conic and be able to graph it and describe its attributes. 9. Perform matrix arithmetic computations. 10. Solve systems of linear and non-linear equations in two or three variables, including the use of Gaussian elimination and matrix inverses in the linear case. 11. Understand sequences and be able to differentiate between geometric, arithmetic and others such as Fibonacci-type sequences, giving direct formulas where available or a numeric representation. 12. Understand series notation and know how to compute sums of finite arithmetic and finite and infinite geometric series. 13. Represent and interpret physical world situations using exponential and logarithmic functions. 	<ol style="list-style-type: none"> 14. Understand trigonometric function definitions in the context of the right triangles and on the unit circle. 15. Graph basic trigonometric functions and those with basic transformations. Be able to write an equation given a graph. Identify amplitude, periods, phase shifts from graphic and algebraic representations of functions. 16. Represent solve physical world problems using trigonometric functions. 17. Use trigonometric inverses correctly, understanding the domain/range restrictions. 18. Verify trigonometric identities, using proper logic and use trigonometric identities to evaluate expressions. 19. Solve trigonometric equations. 20. Solve for all measurements in any triangle, using the Pythagorean Theorem, trigonometric functions, the Law of Sines, and Law of Cosines in a variety of contexts and applications. 21. Be able to convert to and from rectangular and trigonometric-form coordinates (polar coordinates). 22. Graph complex numbers in a plane, perform operations on such numbers and interpret this graphically, and use DeMoivre's theorem to find roots and powers of complex numbers. 23. Understand geometry and arithmetic operations with vectors and use vectors in application problems.

COURSE DESIGN

Because Math 1080 covers so much content (over 50 sections of material), some topics will be presented in online lectures that will be delivered via Zoom video conferencing on canvas and other topics will be covered outside of class through online videos and selected readings. Students should refer to the Course Schedule to see what topic is being covered on what day.

For sections covered outside of class, students will be expected to watch videos produced by the UofU math department. Intermittently during the videos, they will be asked quiz questions. These questions help students reflect on important ideas and facts in the videos. Videos with quizzes are found in Canvas. They quizzes will be due at 11:59 pm the night before the material is needed in class, though students can and should work on them earlier. Guidance will be given for each video about prerequisite material would be important to understand before watching the video.

In general, on Mondays and Wednesdays, instructors will present new material. On Tuesdays and Thursdays, students will work on problems that reveal the nuances of material from both the lectures and the pre-recorded online videos. There will also be time for discussion and questions. Classes will be dynamic and there will be multiple ways for students to participate in each class, for example through polls and directed responses in the chat.

Homework will be due on Tuesdays and Thursdays. Students are encouraged to start homework the day that material is covered in class, since working on HW nightly helps you identify things to ask about and be ready for the next day's class. There will sometimes only be a 2 to 3-day gap between when material is first covered and when homework is due. There are over 50 online homework assignments, each corresponding to a particular section. The HW problems are randomized meaning that each student will get a unique set of questions. Students are encouraged to work together when doing homework, but in such a way that they are learning the mathematics. There will also be a reflection HW assignment after each exam and a mastery assignment about trig functions.

On Fridays (or earlier on shorter weeks), there will either be a quiz or an exam during class time. There may also be a short amount of lecture time. All of this will be done via Zoom. Before class, students should print out or hand-copy template to write answers on. These will be made available in Canvas the day before the quiz/exam. During quizzes, students are required to have their cameras on. During exams, students are required to have their head, hands, and workspace be visible. Students may use one page of notes that they make during quizzes and exams. Each student should make their own notes. They should not use notes from other students or other sources. At the end of the quiz or exam, students will scan their work and upload it either to Canvas or Gradescope, the grading website. Student may ask questions of their instructor through the Chat feature in Zoom.

When taking quizzes, students will spend some time working independently and some time to working in an assigned group. The point of the group work time is for students to discuss the material and share ideas, because this type of interaction reinforces understanding. Students can compare answers as a way to check for errors and ask questions about specific steps, but they should not copy groupmates' solutions.

Feedback on quizzes and exams will be given through Gradescope. Students should look at this feedback after each assessment. After each exams, there will be a homework assignment to reflect on the exam experience and write about misunderstandings.

All Math 1080 students take a final exam at the same time, which is assigned by the university (see the date and time below.) The final exam will consist of three blocks with short breaks in between. It will be proctored in Zoom, similar to what was done for Exams. Block A will cover material not covered on previous exams. It is required. For Block B, you can choose to test on either the Exam 1 or Exam 2 material. If you do better on the final than you did previously, your score on the final will replace your score on that exam. For Block C, you may test on either the Exam 3 or Exam 4 material. If you do better on the final than you did previously, your score on that block of the final will replace your score on that exam. You may also opt to not take Block B or Block C of the final exam if you are satisfied with previous test scores.

Students are encouraged to participate in the online discussions in Canvas to ask mathematical or logistical questions. This is also a good place to report errors in the course materials. You can earn up to 200 points (100 point = 1% of total course grade) for making posts about homework or class content which contain your mathematical thoughts. You can also earn up to 100 points for reporting errors, for example factual errors in announcements (the wrong date or time is given), mathematical errors in solutions or HW problems or grammatical errors which impede understanding.

CLASS SCHEDULE & IMPORTANT DATES

Exam Dates: All exams are during class time, 12:55-1:45 pm on Friday September 11, Friday October 2, Friday October 23, and Friday November 13. The final Exam is on Friday, December 11, 3:30-5:30 pm.

COMMUNICATION

- All course materials, such as lecture slides, assignments, solutions, grades, etc. will be posted on the Course Canvas site. Class announcements will be done via email through the Canvas server. You will be responsible for any information contained in them as well as the information announced in class.
- It is your responsibility to also regularly check your Umail (make sure you set up forwarding if you do not check it regularly), your Umail is the only way for me to communicate privately with you, there will be occasions during the semester that we may need to reach out to you individually (e.g. regarding a grade or assignment) and it is in your best interest to respond promptly.
- Feel free to contact me by email for questions at ebrown at math dot utah dot edu. Ensure that you email me from your Umail address and not a personal address, otherwise your email may be thrown out by the spam filter. I will do my best to answer emails promptly. I would like to encourage you to email me only if it is something personal that requires individual attention, if instead you have questions about logistics of the class, course material and assignments, and anything else your classmates may wonder as well, please post a question on the Discussions Board instead. This way the information is shared quickly to the entire class, and each of you can benefit from seeing other classmates' questions.
- I will always do my best to ensure the communication relevant to the course is clear and transparent, it is your responsibility as well to keep yourself updated by regularly checking: the announcements on Canvas, your Umail and Canvas mail, the posts on the Discussions Board, and pay attention to the announcements given in class and Discussion Section.

ASSIGNMENTS, ASSESSMENT & GRADING

- Grade Break Down
- Each Exam 5 x 12% = 60% There are 5 exams, counting Block 1 of the Final exam
- Online and Other HW 20% There are more than 50 HW assignments. Assignments can be completed late for 80% credit; the lowest 7 scores will be dropped at the end of the semester;
- Quizzes 15% There are 11 quizzes. The lowest 2 scores will be dropped.
- Video Quizzes 5% There are 28 video quizzes. The lowest 7 scores will be dropped at the end of the semester.
- An additional 3% extra credit can be earned, either by spotting errors and/or by contributing posts with your mathematical thoughts on the discussion board in Canvas.

The grade scale is:

A	[93-100],	B-	[80-83),	D+	[67-70),
A-	[90-93),	C+	[77-80),	D	[60-67),
B+	[87-90),	C	[73-77),	D-	[50-60),
B	[83-87),	C-	[70-73),	E	[0-50).

It is the student's responsibility to ensure the accuracy of all recorded homework, quizzes, online assignments, and exam grades. Also you should keep as record all your graded assignments. If you see any error in your grades on Canvas, reach out to me as soon as possible. If you have questions or see an errors in Gradescope, for example if the feedback doesn't match the work you show, go to the problem and submit a regrade request. Please take action promptly, at the latest within two weeks from when the assignment was returned.

Late Assignments/Missed Assignments/Regrading Policies:

The course is designed to provide flexibility via the assignments that are dropped and the ability to use the final to replace earlier grades (see details above). You are expected to turn things in on time and take quizzes and exams at the times given unless there are serious extenuating circumstances. In there are extenuating circumstances, please contact me in a timely way to discuss alternatives. If the situation is one that can be documented, you may be asked to provide documentation.

The University of Utah student code allows for making up quizzes or exams in advance for “officially sanctioned University Activities . . . , or government obligations, or religious obligations”. Please contact me at least one week in advance of any such obligations to arrange accommodation.

ACADEMIC CODE OF CONDUCT

Students are encouraged to review the Student Code for the University of Utah: <https://regulations.utah.edu/academics/6-400.php>. In order to ensure that the highest standards of academic conduct are promoted and supported at the University, students must adhere to generally accepted standards of academic honesty, including but not limited to refraining from cheating, plagiarizing, research misconduct, misrepresenting one's work, and/or inappropriately collaborating. A student who engages in academic misconduct as defined in Part I.B. may be subject to academic sanctions including but not limited to a grade reduction, failing grade, probation, suspension or dismissal from the program or the University, or revocation of the student's degree or certificate. Sanctions may also include community service, a written reprimand, and/or a written statement of misconduct that can be put into an appropriate record maintained for purposes of the profession or discipline for which the student is preparing.

COURSE POLICIES**Contacting the Instructor**

Email is the best way to contact me. I check email daily M-F and typically respond within 24 hours during the work week. Should you have an assignment due on Monday, you should at least examine it before Friday in case you have any questions since I do not check email over the weekend. Because the department's spam filters are often overzealous and for FERPA compliance, please ensure that you email me from your university UMail address.

Plagiarism and Academic Integrity

Academic integrity means that scholars, including students, conduct their work ethically. This includes taking credit only for work they themselves perform. Violations of academic integrity undermine the principle of fairness, devalues your degree, and leaves you underprepared for applying what you have been taught. In this way, it defrauds you, your classmates, the university, and the people you will serve with your education after graduation. It includes cheating on tests and other assessments, collaborating on projects when not permitted to, presenting other people's work as yours (whether they agree to that) and more.

Plagiarism is a serious offense against academic integrity that could result in failure for the test or paper, failure for the course, and expulsion from the university. Plagiarism usually involves passing off the work, words, or ideas of others as your own without giving proper credit.

Privacy Policy

FERPA, the federal law that guards student privacy, prohibits me from discussing your performance in this class with anyone except you without your permission, which must be on file with the university, not simply told to me. To ensure compliance with this law, I will not respond to emails about grades, etc. unless they originate from university email addresses.

Out of respect for the privacy of your classmates, do not record or screenshot any part of this class for use outside of this class, even if you omit identifying information about the speaker or poster. You may not circulate or share images, clips, or other course materials with individuals who are not enrolled in this class. Doing so is a serious violation of our class ethical code and will result in a charge of academic misconduct.

ADDITIONAL POLICIES AND RESOURCES

The Americans with Disabilities Act:

The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability & Access, 162 Olpin Union Building, 801-581-5020. CDA will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability & Access.

Addressing Sexual Misconduct: Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status or genetic information. If you or someone you know has been harassed or assaulted on the basis of your sex, including sexual orientation or gender identity/expression, you are encouraged to report it to the University's Title IX Coordinator; Director, Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or to the Office of the Dean of Students, 270 Union Building, 801-581-7066. For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, 801-581-7776. To report to police, contact the Department of Public Safety, 801-585-2677(COPS).

Campus Safety: The University of Utah values the safety of all campus community members. To report suspicious activity or to request a courtesy escort, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit safeu.utah.edu



Wk 7				Sun	Mon, 10/5	Tues	Wed	Thur	Fri	
Online Week										
Sections:	CA 5.4	TRIG Video 27AB	Ellipses	Class	5.5	Practice 5.1-5.5	6.2	Practice 6.1 & 6.2	Quiz	
	CA 5.5	TRIG Video 28	Hyperbolas							
	CA 6.1	CA Video 21	Systems of Linear a							
	CA 6.2	CA Video 22 3by3 Lin	Linear Equations							
				After Class						
				After Class	Due: Video Quiz on TRIG Video 26.5 and TRIG Video 27AB	Due: HW 5.2, 5.3 (conics), Due: Video Quiz on CA Video 21		Due: HW 5.4, 5.5, Create Quiz 7 Template		
				After Class	Work on: HW CA 5.2, 5.3, 5.4 (conics)	Work on: HW 5.2, 5.3, 5.4, 5.5 (conics)	Work on: HW 5.4, 5.5	Work on: HW 5.4, 5.5	Work on: HW 6.1, 6.2	Watch/Take: Video Quizzes on CA Video 24AB (23 min, 22 min)

Wk8				Sun	Mon 10/12	Tues	Wed	Thur	Fri	
Sections:	CA 6.3	CA Video 23	Systems of Linear E	Class	6.3	Practice 6.3 & 6.4	6.5	Practice 6.5	Quiz	
	CA 6.4	CA Video 24AB	Matrix Arithmetic							
	CA 6.5	CA Video 25	Systems of Linear E							
	(Skip CA 6.6 Systems of Linear Equations)									
	(Skip CA 6.7 Partial Fraction Decomposition)			After Class		Due: Video Quiz on CA Video 24AB		Due: HW 6.1, 6.2		Due: HW 6.3, 6.4, Create Quiz 8 Template
				After Class	Work on: HW 6.1, 6.2	Work on: HW 6.1, 6.2, 6.3, 6.4	Work on: HW 6.3, 6.4, 6.5	Work on: HW 6.3, 6.4, 6.5	Work on: HW 6.5	Watch/Take: Video Quiz CA Video 28AB(23 min, 21 min) and Trig Video 1AB (28 min, 12 min)

Wk 9				Sun	Mon 10/19	Tues	Wed	Thur	Fri	
Sections:	CA 7.1	CA Video 28AB	Sequences	Class	7.2	Practice 7.1 & 7.2	TRIG 2.1	Practice for Exam	Exam	
	CA 7.2	CA Video 29AB	Series							
	(Skip CA 7.3 Binomial Expansion)									
	TRIG 1.1	TRIG Video 1AB	Degree Measures o							
				After Class	Due: Video Quiz on CA Video 28AB	Due: HW 6.5, Watch/Take: Video Quiz TRIG Video 1AB		Due: HW 7.1 & 7.2, Create Exam 3 Template		
				After Class	Work on: HW 6.5,7.1, 7.2	Work on: HW 6.5, 7.1, 7.2	Work on: HW 7.1, 7.2, Study for Exam	Work on: HW 7.1, 7.2, Practice for Exam,	Work on: Practice for Exam	Watch/Take: Video Quiz for TRIG Quiz 3AB(24 min, 14 min) and Trig Video 8 (27 min)
	(COVER TRIG 1.3 Later)									

Wk 13										
	Textbook	Video			Sun	Mon 11/16	Tues	Wed	Thur	Fri
Sections:	TRIG 6.2-6.3	TRIG Video 14	Solving Trig Equatio	Class		7.3	Practice 6.3, 7.1 & 7.2	8.1, 8.2	Practice 8.1-8.2, Preview of 8.4	Quiz
	TRIG 7.1-7.2	TRIG Video 15	Law of Sines							
	TRIG 7.3	TRIG Video 16	Law of Cosines	After Class	Due: Video Quiz on TRIG Video 15		Due: Hw 5.4-6.2, 6.2-6.3		Due HW 7.1-7.2, 7.3, Create Quiz 13 Template	
	TRIG 8.1	TRIG Video 17	Polar Coordinates a		Work On: HW 6.3, 7.1-7.2, 7.3	Work On: HW 6.3, 7.1-7.2, 7.3	Work On: HW 7.3	Work On: HW 7.3	Work On: HW 8.1-8.2	Work On: HW 8.1-8.2, Watch/Take Video Quiz for Video 19 (21 min)
	TRIG 8.2									
	(Skip TRIG 8.3 Graphing Polar Equations)									

Wk 14										
	Textbook	Video			Sun	Mon 11/23	Tues	Wed	Thur	Fri
Sections:	Classes Online This Week			Class		8.5	Practice 8.4 & 8.5	Quiz	Thanksgiving	
	TRIG 8.4	TRIG Video 19	Trig Representation							
	TRIG 8.5	TRIG Video 20	Complex Products,	After Class	Due: Video Quiz on TRIG Video 19		Due 8.1-8.2, 8.4, Create Quiz 14 Template		Thanksgiving	
	TRIG 9.1	TRIG Video 21	Vector Properties a		Work On: HW 8.1-8.2, 8.4	Work On: HW 8.1-8.2, 8.4, 8.5	Work On: HW 8.5	Work On: HW 8.5, Watch/Take Video Quiz for Video 21 (21 min) and Video 22 (20 min)		

Wk 15										
	Textbook	Video			Sun	Mon 11/30	Tues	Wed	Thur	Fri
	Classes Online This Week									
	TRIG 9.1 Vector	TRIG Video 21 Vetore Properties and Ope		Class		Practice 9.1	9.3	Practice 9.2, 9.3	Quiz	Reading Day
	TRIG 9.2 The Ur	TRIG Video 22 The Unit Vector and Vector								
	TRIG 9.3 Dot Pr	TRIG Video 23 The Dot Product		After Class	Due: Video Quiz on TRIG Video 21		Due: Video Quiz on TRIG Video 22	Due: HW 8.5, 9.1	Create Quiz 14 Template	Due: HW 9.2, 9.3
	(Skip TRIG 9.4 Sketching Curves described by Parametric E				Work On: HW 8.5, 9.1	Work On: HW 8.5, 9.1, 9.2	Work On: HW 9.2, 9.3	Work On: HW 9.2, 9.3, Practice for Final	Work On: Practice for Final	
	(Skip TRIG 9.5 Finding Parametric Descriptions for Oriente									

Finals										
					Sun	Mon	Tues	Wed	Thur	Fri
Sections:										Final Exam 3:30-5:30 pm