

MA 114 Calculus II (Spring 2012) - Common Syllabus

Calendar

Exam Rooms

MA 114 is a second course in calculus with 4 hours of credit. The prerequisite is a grade of C or better in Calculus I (MA 113, MA 137, MA 132 or equivalent) and high school trigonometry or MA 112. The course meets three hours per week for lectures delivered by a professor and two and a half hours per week for recitation conducted by a teaching assistant. Recitation time may be spent discussing homework problems, solving worksheets, and getting help on class materials.

Text and Topics

The textbook is *Calculus, Early Transcendentals*, Sixth Edition (Custom Edition for UK), James Stewart, ISBN: 9780495563396 or 97804955763154.

We will cover most of Chapters 6, 7, 9, 10, 11. The topics included are infinite sequences and series, volumes and work, techniques of integration, polar coordinates, and differential equations. Further details are given in the Course Calendar.

Exams and Grades

The course grade will be computed from a score of up to 500 points earned from exams and course works as follows:

Three midterm Exams (100 points each)	300 points
Final Exam	100 points
Web Homework	70 points
Attendance and Worksheets	30 points
Total	500 points

The scheme for assigning the course grade is given in the following table.

90% (450 points) or above	A
80% (400 points) or above	B
70% (350 points) or above	C
60% (300 points) or above	D
below 60% (300 points)	E

The date and time for the four exams have been scheduled as follows.

Midterm Exam 1	Feb. 7, 7:30-9:00pm
Midterm Exam 2	March 6, 7:30-9:00pm
Midterm Exam 3	April 10, 7:30-9:00pm
Final Exam	April 30, 6:00-8:00pm

The room where the exam for your section will be held is listed in [Rooms](#). If you have other classes scheduled during the exam period, please inform your primary instructor of the time conflict so that an alternate exam can be arranged.

Students may use a graphing calculator on exams but may not use any electronic device with the ability to do symbolic computations such as the TI-89, TI-92, HP48 or a laptop computer. Cell phones must be turned off and put away out of sight during an examination. Students are required to present a photo ID for the four exams.

If you miss an exam, you will automatically be given zero point unless legitimate reasons are provided with FULL documentations, in which case a make-up exam may be arranged. Please note that cheating or plagiarism is a serious academic offense and will not be tolerated. Please consult [University rules](#) for information on cheating, plagiarism, and penalties.

Exams will be based on the lectures, worksheets and web homeworks. To do well in the course it will be essential for you to attend the lectures and the recitation classes and work through the worksheets and the web homeworks. Two recent MA 114 Exam 1 are listed here.

Spring 2011 Exam 1 (Solution) Spring 2010 Exam 1

There is a review session run by Steven Reeve in CB 110, Monday February 6, 7:30-9:30 pm. Some older MA 114 exams are collected in [Old Exams](#).

The solution for Exam 1 is here: [Solution for 2012 Exam 1](#)

Instructors

The primary instructors for the course are listed below. Their contact information and some section specific information may be obtained by clicking on their names.

Sections	Lecturer	Time	Room
001-004	Lewis	MWF 8:00-8:50 a.m.	CB 122
005-008	Chapman	MWF 11:00-11:50 a.m.	CB 122

009-012	<u>Ovall</u>	MWF 9:00-9:50 a.m.	CB 122
013-016	<u>Ye</u>	MWF 1:00-1:50 p.m.	CB 122
017-020	<u>Man</u>	MWF 2:00-2:50 p.m.	CB 114
401	<u>Wilfong</u>	MTWR 6:00-7:15 p.m.	CB 335

The recitation class instructors for the course are listed below.

Sections	Lecturer	Time	Room
001	Music	TR 8:00-9:15 a.m.	BE 308
002	Lindgren	TR 9:30-10:45 a.m.	CB 345
003	Lindgren	TR 11:00 a.m.-12:15 p.m.	CB 345
004	Music	TR 12:30-1:45 p.m.	CP 183
005	Nelson	TR 11:00 a.m.-12:15 p.m.	FB 213
006	May	TR 2:00 - 3:15 p.m.	FB 213
007	Nelson	TR 8:00 -9:15 a.m.	CB 203
008	Moore	M 3:00- 4:30 p.m.	CB 345
		TR 3:30-5 p.m.	Math House
009	Robinson	M 3:00- 4:30 p.m.	CB 341
		TR 2-3:30 p.m.	Math House
010	May	TR 3:30- 4:45 p.m.	CB 345
011	Curry	TR 12:30- 1:45 p.m.	CB 205
012	Curry	TR 9:30- 10:45 a.m.	FB 213
013	Smith	TR 2:00- 3:15 p.m.	CB 207
014	Armenoff	TR 11:00 a.m.-12:15 p.m.	CB 335
015	Armenoff	TR 12:30 -1:45 p.m.	CB 207
016	Smith	TR 12:30 -1:45 p.m.	CB 217
017	Reeves	TR 9:30 -10:45 a.m.	CB 237
018	Taylor	TR 11:00 a.m.-12:15 p.m.	CB 237
019	Reeves	TR 8:00 -9:15 a.m.	CB 205
020	Taylor	TR 3:30 -4:45 p.m.	CP 183

Worksheets

Part of each recitation will be spent solving worksheets, which will be distributed to you by your recitation instructor. These will prepare you for the homework and the exams. Each week, your solution to one worksheets problem will be collected for grading.

Web homework

Your homework will be submitted and graded on the internet by WebAssign. Starting from the second week, there will be weekly homeworks due at 11:55 p.m. each Thur. (except the week of the spring break). The homeworks will usually become available in WebAssign one week earlier on Wed. You can have up to 5 attempts at each question.

Students will need to use a class key to open an account at WebAssign. Your recitation class instructor will provide you with the **class key for your section** in the first recitation. Please note that different sections have different class keys; so use only the key designated for your section. Click here for instructions on setting up an account using the class key. More detailed instructions can be found in Quick Start Guide and Student Guide. User supports in various forms is available here from WebAssign.

WebAssign provides fourteen days of trial access starting from the first day of class. If you continue with the course after the trial period, you will need to purchase a WebAssign access card, which is available from the bookstore. The access code given in the access card is required for further access to your WebAssign account. Please note that the access card is not refundable, but it may be used in a future MA 114 class if WebAssign is used again.

MA 194

MA 194 is an additional hour of pass-fail credit that a student in MA 114 can receive provided that the student has at most 2 unexcused absences in recitation and passes MA 114. (MathExcel sections receive 2 credit hours.) It is important that students register in the same section of MA 194 that they are registered in for MA 114.

Additional Help

The Mathskeller is a mathematics resource center in room 63 of the basement of the Classroom Building. Tutorial help is available there on a walk-in basis for all

100-level mathematics courses. After the first week, the hours are 9 a.m.-5 p.m. Monday through Friday. See also The Study, which is a peer tutoring program located on the 3rd floor of the Complex Commons building.