

MAC 1114
Student Guide
Spring 2015

Course Lecturer:

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1. Spring 2015 – MAC1114 Calendar

Exam 1: February 3, Tuesday

Exam 2: February 26, Thursday

Exam 3: March 26, Thursday

Exam 4: April 16, Thursday

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---------------------------------|------------------------------------|------------------------------------|-------------------------------------|------------------------------------|
| Jan 5 | 6 First Class L1 | 7 | 8 L1, L2 | 9 |
| 12 | 13 L2 Hwk 1 Due | 14 | 15 L3 Quiz 1 | 16 |
| 19 | 20 L3,L4 | 21 | 22 L4 Quiz 2 | 23 |
| 26 | 27 L5 Hwk 2 Due | 28 | 29 L5 Quiz 3 | 30 |
| Feb 2 | 3 Exam 1 | 4 | 5 L6 | 6 |
| 9 | 10 L6 Hwk 3 Due | 11 | 12 L7 Quiz 4 | 13 |
| 16 | 17 L7 | 18 | 19 L8 Quiz 5 | 20 |
| 23 | 24 L9 Hwk 4 Due | 25 | 26 Exam 2 | 27 |
| Mar 2 Break- No Class | 3 Spring Break- No Class | 4 Spring Break- No Class | 5 Spring Break – No Class | 6 Spring Break- No Class |
| 9 | 10 L10 Hwk 5 Due | 11 | 12 L11 | 13 |
| 16 | 17 L11 | 18 | 19 L12 Quiz 6 | 20 |
| 23 | 24 L12 Hwk 6 Due | 25 | 26 Exam 3 | 27 |
| 30 | 31 L13 | Apr 1 | 2 L13, L14 Quiz 7 | 3 |
| 6 | 7 L14 Hwk 7 Due | 8 | 9 L15 Quiz 8 | 10 Last Day to Drop |
| 13 | 14 L15 | 15 | 16 Exam 4 | 17 |
| 20 | 21 Review Hwk 8 Due | 22 | 23 | 24 |

2. Introduction

2a. Course Content: This course will cover material from chapters 4, 5, and 6 of **Precalculus, 9th Edition by Larson**. For more information on math courses and math advisors go to <http://www.math.ufl.edu/>

2b. Prerequisites: This course assumes prior knowledge of intermediate algebra (Algebra 2) and trigonometry. Students should be able to do arithmetic without a calculator.

2c. Required Materials: Textbook (Required) **Precalculus, 9th Edition, by Larson**.

Available for purchase or rent at local bookstores or online. Copies of the book and solutions manual are also available for in-library use at the reserve desk of select UF Libraries (<http://www.ufl.edu/academics/libraries/>)

Other Materials: Lecture notes will be available on people.clas.ufl.edu/klockwood but are not required.

2d. Lectures:

Lectures take place on Tuesdays and Thursdays during the scheduled class time. **Attendance is required and counts towards your final grade.** You must attend the class section you are registered for. Lectures provide the main presentation of the course topics and will follow the calendar as closely as possible. You are responsible for any material missed due to absence.

2e. Success in MAC114:

Attendance **and** participation during lectures is critical for success in this course. Participation involves, among other things, actively considering the information presented during lectures and answering questions posed by the instructor

- As with most college courses, you should expect to spend a **minimum** of 2 hours working outside of class for every hour of classroom instruction. This will vary student to student, it is important to spend the time that **you** need to spend in order to grasp the material. Carefully complete homework problems. Be sure to review lecture topics **before** attempting the related homework problems. Look over textbook sections to be covered in the next lecture to acquaint yourself with the corresponding vocabulary and main ideas before the next class.
- Seek help if you need it. Office hours are provided to answer student questions and assist with the course. Take advantage of this **free** resource. Form a study group, this type of cooperative learning is encouraged, but make sure you are able to work through problems on your own as exams and quizzes are solo activities.
- The Teaching Center Math Lab, located at SE Broward Hall, offers free informal tutoring (www.teachingcenter.ufl.edu)
- A list of qualified private tutors for hire is available on the UF math website, search “tutors” (www.math.ufl.edu)
- The Counseling Center offers information on developing your mathematics confidence. Visit their website for more information (http://www.counseling.ufl.edu/cwc/Developing-Math_Confidence.aspx)

2f. Students with Disabilities: Students requesting classroom accommodation must first register with the Disability Resource Center. They will provide documentation to the student who must give this documentation to the instructor. This must be done **before** accommodation is provided.

2g. Academic Honesty:

All students are required to abide by the University of Florida Academic Honesty Guidelines. Students are expected to pursue knowledge with integrity. Violations of the Academic Honesty guidelines shall result in judicial action and a student being subject to the sanction 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)

3. Grading

3a. Course Grade: The course grade is based on 350 points. Add up your points, then use the scale below to determine your letter grade. Your course grade is determined by the number of **points** you have and will be strictly enforced. Within one-half of a point or above will be rounded up to the nearest point.

- A = 315-350 points (90%)
 - A- = 304-314 points (87%)
 - B+ = 294-303 points (84%)
 - B = 280-293 points (80%)
 - B- = 269-279 points (77%)
 - C+ = 259-268 points (74%)
 - C = 245-258 points (70%)
 - C- = 234-244 points (67%)
 - D+ = 224-233 points (64%)
 - D = 210-223 points (60%)
 - D- = 199-209 points (57%)
 - E = 0-198 points
-
- University policy stipulates that a **minimum** grade of a C must be achieved to obtain Gordon Rule or General Education credit.
 - If you believe there is a grading error, you have **one week** after you have received the graded assignment to contact the instructor. You must present the original graded assignment to the instructor. Keep in mind that your instructor cannot discuss grades via e-mail.
 - Information on UF grades and grading policies:
(<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>)
 - Information on dropping courses and withdrawals:
(<https://catalog.ufl.edu/ugrad/current/regulations/info/drops.aspx#drop>)

3b. Point Distribution:

350 points accumulated from the following:

- Attendance (best 7 of 8 at 1 point each)7 points (2%)
- Homework (best 7 of 8 at 15 points each).....105 points (30%)
- Quizzes (best 7 of 8 at 4 points each).....28 points (8%)
- Exams (4 at 35 points each).....140 points (40%)
- Cumulative Final Exam.....70 points (20%)

3c. Attendance: Attendance is both explicitly and implicitly part of your grade. Eight times throughout the semester, at random, an attendance activity will be given at the beginning of class. You must attend class in order to participate in other graded activities. Please see section 4 of this syllabus for more details.

3d. Homework: Homework assignments are comprised of problems from the course textbook and are grouped **by lecture**. A complete list of homework assignments is included in section 6 of this syllabus. Homework is collected **every other** Tuesday, starting on 1/13. The collection days are listed on the calendar. One assignment will be collected from the lectures completed since the previous homework was collected. You must bring to class **all** completed homework assignments on the days homework is collected.

3e. Quizzes: You will take eight quizzes during the semester in the last ten minutes of class. The dates of the quizzes are listed on the calendar. The quizzes will cover topics from the previous lectures, with the exception of the lecture covered in the class immediately before the quiz date. You should use your performance on quizzes to gauge how you will perform on similar questions on the exams. No calculators or other aids are permitted for use during quizzes.

3f. Exams: The first four exams will be given in class on the dates listed on the calendar. Students are responsible for material covered in the lectures, including problems or examples in the lecture note outlines that we may not have had time to work out during the lectures, and all assigned homework problems. You should bring to exams **only** your UF Gator One Card and soft lead pencils. Please keep in mind that you will not be able to take items such as backpacks to your seats, so it is suggested that you do not bring anything of value to the exam. No calculators or other aids are permitted for use during the exams.

3g. Final Exam: A **cumulative** final exam will be given during finals week. The date and time will be announced in class and posted on the course website (under Syllabus and Announcements) No calculators or other aids are permitted for use during the final exam.

4. Attendance, Missed Class, and Make-up Work Policies

4a. Attendance: Attendance policy: You **should** be in class at or before the start of class. You cannot arrive more than **10** minutes after the class starting time and expect to receive full credit on any graded assignments.

4b. Missed Class and Make-up Work:

- Missed class and make-up work policy: If you have valid documented excuses for missing class more than once, bring them to your instructor within **one** week of the second missed class to discuss the *possibility* of make-up work. Attendance cannot be made up. Since the lowest score is dropped, the first missed homework or quiz cannot be made up for any reason. If more than one homework is missed, you must have valid documented reasons for being unable to turn in homework both **on-time** and **late**. Any make-up quizzes or exams must be completed within **one week** of the missed quiz or exam.
- If you are going to miss class due to a university sponsored event, a religious holiday, court obligation, or other such valid reason you must inform the instructor **prior** to the class you will miss. Failure to do so will result in being unable to make-up any missed in-class assignments. Attendance cannot be made up. Homework can be turned in **early** to Little Hall 461 during office hours or email for another time. If you are going to miss an exam or quiz you must inform the instructor at least **two** weeks prior to the exam you will miss and **one** week prior for a quiz. **No** quizzes or exams, including the final, may be taken early. Any make-up quizzes or exams must be completed within **one week** of the missed quiz or exam.

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

6. Bonus Points and Extra Credit: Bonus points: Quizzes and exams may contain bonus problems that can add bonus points to the quiz or exam they appear on. If your class section reaches 75% or higher on the course evaluations given at the end of the semester online (<https://evaluations.ufl.edu>), then two bonus points will be added to your final exam score in addition to any bonus points from bonus problems. Extra credit: No extra credit is offered for this class.

7. Lecture Topics and Homework:

- Lecture 1 (L1): Section 4.1
- HW page 269: 11, 12, 15-20, 25, 26, 29-34, 36, 38, 52, 54, 58, 62-64, 69, 70
 - Lecture 2 (L2): Section 4.3
- HW page 286: 5, 6, 10, 11, 14-20 even, 21-26, 29, 30, 42-44, 57-60, 63, 64, 67, 68, 72, 79-84
 - Lecture 3 (L3): Section 6.1
- HW page 408: 5-10, 36, 39-42, 47, 51, 52, 55
 - Lecture 4 (L4): Section 6.2
- HW page 415: 5-10, 25, 26, 30-32, 46, 47, 48, 60
 - Lecture 5 (L5): Section 4.2 and 4.4
- HW page 277: 5-8, 13-21, 32-42 even, 53, 54, 61, 62
- HW page 296: 12, 13, 16, 19-22, 24, 29, 30, 32, 35, 36, 38-58 even, 61, 67, 69, 70, 72, 97
 - Lecture 6 (L6): Section 4.5
- HW page 306: 5-8, 16, 19-22, 31, 32, 43-48, 57, 64, 65, 73, 74, 80, 84, 85, 87, 90, 96, 98
 - Lecture 7 (L7): Section 4.6
- HW page 317: 9-14, 17, 22, 23, 27, 32, 35, 37, 38, 61-64, 85, 92
 - Lecture 8 (L8): Section 4.7
- HW page 326: 6-18 even, 19, 20, 40, 44-46, 47-52, 55, 56, 61, 63, 64, 66, 67, 71, 77, 78, 85, 86, 88, 103, 108, 110-113

- Lecture 9 (L9): Section 4.8
- HW page 336: 5, 6, 19, 21, 22, 24, 25, 26, 31, 33, 34, 35, 37, 39, 46, 62
 - Lecture 10 (L10): Section 5.1
- HW page 355: 9, 10, 14, 15-20, 35-40, 42, 45-49, 54-56, 61, 62, 71
 - Lecture 11 (L11): Section 5.2
- HW page 362: 11, 12, 16, 17, 24, 25, 30, 31, 41, 44, 63, 64, 71, 72
 - Lecture 12 (L12): Section 5.3
- HW page 371: 7, 8, 11-14, 19-22, 25, 28, 32-44 even, 45, 48, 62, 63, 67, 98, 99
 - Lecture 13 (L13): Section 5.4
- HW page 379: 8, 10, 28, 29, 30, 34-36, 40-43, 54, 55, 58, 63, 64, 69, 70, 74, 83, 84
 - Lecture 14 (L14): Section 5.5
- HW page 389: 7-11, 15-17, 21-25, 27, 28, 33-35, 37-39, 41, 42, 45-47, 52, 54, 57, 68, 78