

<p style="text-align: center;">MATH 2564 – Calculus II Course Syllabus – Summer 2014</p>
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The policies listed in this syllabus are subject to change. Notification will take place in class and will be posted in the Announcements (or DocSharing) in MyLabsPlus.

PREREQUISITES: Completion of Calculus I or the equivalent with grade of C or better.

SOFTWARE: MYLABSPPLUS (MLP) Student Access Kit – This kit is **REQUIRED** for this class. The textbook is recommended, but not required since an electronic version of the textbook is included in the kit. If this is your first math course that requires the MyLabsPlus software, you will receive an email with your login/password information and how to enroll in this course. Please follow those instructions. If you have previously taken a course that requires the My LabsPlus software, then go to uark.mylabsplus.com and log in using your current login (which is your University of Arkansas email address including the @uark.edu part) and password. This course will now appear in the course listing. Click on this course and follow the instructions.

PROBLEMS WITH THE SOFTWARE: If your login fails, please check that you typed in the correct web address for MLP: uark.mylabsplus.com. If you are able to open your course but you are not able to access your assignments, please try again. If you have tried a few times and still receive some type of an error message, then you need to contact the MLP Technical Support line at 888-883-1299 (available 24/7) or click on the Support Tab and then click on the email address. If you contact the company please make sure that they give you a case number and keep that number in case it is needed for verification. Be sure that your browser will support the MLP software.

TEXTBOOK: *Calculus, Early Transcendentals*, William Briggs, Lyle Cochran, 2011, Pearson. As stated earlier, this is not required, as there is an electronic version of the textbook included in the MYLABSPPLUS kit. We will be covering chapters 6 through 9, and will also be using supplementary materials on Linear Algebra that have been posted in MLP. You may consult any other sources you find helpful, unless otherwise directed.

CALCULATORS: No programmable graphing calculators of any kind will be allowed on any quiz/exam. In addition, neither an HP300s nor a Casio fx115m is allowed. Any calculator with a differentiation/integration button is **NOT** allowed on any quiz/exam. A scientific calculator can prove helpful, but it is not required. A TI-30X IIS is recommended since this is the type of calculator you will be given to use in the Testing Lab. If you have a graphing calculator, you may use it for in-class investigations and on HW.

OTHER TECHNOLOGY

Please do not have your cell phone on during class. Cell phones, palm pilots, Blackberries, iPods, etc. will not be allowed to be visible or used in any way during class. Do not plan to use these devices for a clock on the exam. Any device using earplugs/headsets is not allowed to be used in class. If you have any of these devices in your back-pack or pocket during class, be sure that they are turned off and left in your back-pack or pocket.

COURSE TOPICS:

- * Integration techniques
- * Differential Equations
- * Applications of the Definite Integral
- * Sequences and Series
- * Linear Algebra

COURSE GOALS:

- * Develop new problem-solving and reasoning skills
- * Approach problems numerically, graphically and analytically
- * Understand the motivating questions for differential and integral calculus
- * Apply the ideas and methods of mathematics
- * Use technology effectively to explore new ideas and solve problems
- * Express mathematical concepts verbally and in writing
- * Appreciate mathematics as a study in itself and as part of the language of science
- * Stimulate curiosity and creativity

STUDENT RESPONSIBILITIES:

Attendance is both *expected and recorded*. If you miss *ten* or more meetings you may be dropped from the class or a grade of F may automatically be recorded. You must complete all assignments on time and are responsible for all that transpires in class whether or not you are there. Collaborative learning is encouraged and will occasionally be required; but remember that only YOU will be taking the exams.

*** COME PREPARED**

*** ASK QUESTIONS**

*** PRACTICE!**

GRADING: Your grade consists of the following components and their accompanying percentages:

<i>eQuizzes:</i>	10%
<i>In-Class Quizzes:</i>	10%
<i>Attendance:</i>	2%
<i>Exam 1:</i>	18%
<i>Exam 2:</i>	20%
<i>Exam 3:</i>	20%
<i>Final Exam:</i>	20%

Note: Homework is not graded. The eQuizzes and in-class quizzes assess student understanding of the assigned homework from MLP and class respectively. Be prepared for daily homework assigned in class out of the textbook. This homework is the basis for the in-class quizzes, also given on a daily basis.

Letter grades will typically follow a 90-80-70-60 scale, although the instructor reserves the right to revise downward if necessary.

HOMEWORK:

Online: Each online homework assignment is open from the first day of class to the last. Each assignment may be re-accessed after completion. Students are encouraged to do each homework assignment more than once in order to get a better understanding of the concepts in the class. Online homework does not contribute to your grade.

Textbook problems: Homework will be assigned daily from the textbook. Students should complete each assignment **before** the next class. These homework assignments will not be collected and do not contribute to your grade.

It is extremely important that you keep up with homework, as it provides the practice and important learning experiences you need in order to be successful on quizzes and exams.

QUIZZES:

Online: Each online quiz is open from the first day the material is covered until the day before the final exam. The quizzes are not timed, and students have an unlimited number of attempts at each.

In-Class: Quizzes will be given daily in class, with the exception of test days. The quizzes assess student understanding of the in-class homework assignments given out of the textbook. **THERE ARE NO MAKE-UPS** for in-class quizzes. However, I will drop your lowest in-class quiz score.

EXAMS:

We will have four in-class examinations (including the final exam), essentially chapter tests. **THERE ARE NO MAKE-UPS.** If you miss a test, notify me AS SOON AS POSSIBLE. If you have a **LEGITIMATE** and **DOCUMENTED** excuse, your grade may be recalculated without that test.

These exams are scheduled before the semester begins. **Students should ELIMINATE ANY CONFLICTS NOW.** Students who are entitled for accommodation by ADA must notify their instructor, and their instructor must notify the coordinator, at least one full week before the common examinations. Students who have a legitimate University-related conflict with the midterm or final exam must also identify themselves at least a week in advance. Last minute requests for make-up exams may not be granted.

Bonus You may correct and resubmit your graded exams to gain one-fourth of the points missed. This is an "**all or nothing**" deal. The solutions must be perfectly correct to receive any additional credit. This includes proper use of notation. Notice that it pays to get it right the first time! You may work with others on these corrections. Because of this bonus policy, we will not spend time going over exams, but you are quite welcome to discuss them with me outside of class.

*This policy does **not** apply to the final.*

*** Ask anybody * New work on separate paper * Original unaltered * All or nothing**

CLASS SCHEDULE:

Week #1	Monday	Tuesday	Wednesday	Thursday	Friday
		5/27/2014 7.1	5/28/2014 7.2	5/29/2014 7.3	5/30/2014 7.4
Week #2	Monday	Tuesday	Wednesday	Thursday	Friday
	6/2/2014 7.5, REVIEW	6/3/2014 7.6	6/4/2014 7.8, REVIEW	6/5/2014 EXAM #1	6/6/2014 6.1, 6.2
Week #3	Monday	Tuesday	Wednesday	Thursday	Friday
	6/9/2014 6.4	6/10/2014 6.4	6/11/2014 6.5	6/12/2014 6.6	6/13/2014 REVIEW
Week #4	Monday	Tuesday	Wednesday	Thursday	Friday
	6/16/2014 6.7, 6.8	6/17/2014 8.1, 8.2	6/18/2014 REVIEW	6/19/2014 EXAM #2	6/20/2014 8.3
Week #5	Monday	Tuesday	Wednesday	Thursday	Friday
	6/23/2014 8.4	6/24/2014 8.4	6/25/2014 8.5	6/26/2014 8.6	6/27/2014 8.5
Week #6	Monday	Tuesday	Wednesday	Thursday	Friday
	6/30/2014 8.6	7/1/2014 REVIEW	7/2/2014 EXAM #3	7/3/2014	7/4/2014
Week #7	Monday	Tuesday	Wednesday	Thursday	Friday
	7/7/2014 9.1,9.3	7/8/2014 9.2	7/9/2014 9.4	7/10/2014 LA 1, 2	7/11/2014 LA 3
Week #8	Monday	Tuesday	Wednesday	Thursday	Friday
	7/14/2014 LA 4,5	7/15/2014 LA 6	7/16/2014 REVIEW	7/17/2014 FINAL EXAM	

STATEMENT FOR ACADEMIC INTEGRITY:

As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail." Each University of Arkansas student is required to be familiar with and abide by the University's Academic Integrity Policy which may be found at <http://provost.uark.edu/>. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.

TUTORING

There are free student tutors in the Enhanced Learning Center (Gregson Hall), Mullins Library, ENGR, Reid, Futrall, Maple Hill, and MRTC – SCEN 209. Visit their websites for the latest hours.

INCLEMENT WEATHER POLICY:

Class will meet unless the University is closed. On-campus students are expected to be present. Off-campus students should make their own decisions in the best interest of personal safety. Off-campus students will not be penalized for being absent on those days the Fayetteville Public Schools are closed due to weather. If attendance is severely affected by weather, deadlines and exam dates may be adjusted. **Please do not call the Department of Mathematical Sciences with weather-related inquiries.** You may email me for information.

THIS SYLLABUS IS SUBJECT TO CHANGE. You will be notified in email, on MLP, and/or in class of changes. Failure to check your email and/or failure to read the announcements in MLP and/or failure to attend class will not constitute a reason to be allowed to make up any assignments, tests, or changes to the course.