

MA16021 : Applied Calculus II and Differential Equations

Fall 2014

COURSE WEB PAGE: <http://www.math.purdue.edu/ma16021>

TEXTBOOK: *Applied Calculus and Differential Equations* by Larson, Edwards, Zill and Wright, Purdue Custom First Edition

REQUIRED ONLINE HOMEWORK ACCESS: Enhanced WebAssign Homework (EWA)

Hard copy textbook with EWA access code ISBN: 9781305029286 (can be purchased in campus bookstores)

EWA access code ONLY ISBN: 9781285858265 (can be purchased directly online)

NOTE: Both options above come with an e-text. If you purchase a hard copy textbook bundled with an EWA access code, both the textbook and the EWA access code are good for MA16010, MA16020 and MA16021. If you ONLY want to purchase the EWA access code, you can purchase it directly online. **To access WebAssign, you ALWAYS want to login on Blackboard first and click on the WebAssign link within Blackboard. Do NOT attempt any other approaches!** Once you click on the WebAssign link, there will be an obvious option to purchase an access code online. Depending on your needs, you could choose to purchase the lifetime edition, which is good for MA16010, MA16020 and MA16021 for multiple semesters (including repeats), or you could choose to purchase the single-term access, which is only good for one semester.

PREREQUISITE: Minimum grade of C- in MA 22100, MA 16010, MA 16100, MA 16300, MA 16500, or MA 23100

Calculator: A scientific calculator with a one-line display is required. ONLY THIS TYPE OF CALCULATORS WILL BE ALLOWED. NO EXCEPTIONS. Recommended is the TI-30Xa. If in doubt, please double check with your instructor. You are allowed to use but NOT to share the approved calculators on quizzes and exams.

Homework: Homework assignments will be assigned regularly. More details will be given during the first week of classes. The **three** lowest homework scores will be dropped at the end of the semester. If you are not able to complete your homework on time and have extenuating circumstances with valid supporting documents, please talk to your instructor.

Quizzes: There will be frequent quizzes, possibly more than once a week. The two lowest quiz score will be dropped at the end of the semester. There will be no make-up quizzes. In extenuating circumstances, your instructor may choose to excuse you from a quiz.

Exams: There will be three midterm exams and a final exam. All exams are course-wide, multiple-choice, machine-graded exams. The three midterms are all evening exams. The time, date and location of the midterms can be found in the calendar. The final exam information will be given later in the semester. **The semester does not end until Saturday, December 20 at 9:00 pm. Individuals wanting to leave campus early will not be granted early final exams to accommodate travel plans.**

If you miss an exam for any reason, please contact your instructor immediately and explain why you missed the exam. You should be prepared to present documentation to your instructor

that supports the reason for your absence. If you contact your instructor within 24 hours from the scheduled exam, your instructor will allow you to take an alternate exam either with no penalty OR with a 20 point deduction, depending on the reason for your absence. If you miss an exam with no valid reasons and you do not contact your instructor within 24 hours from the scheduled exam, you will not be allowed for an alternate exam. Not knowing the right time, date or location of an exam is not a valid reason for missing it.

Warning: If there are any special circumstances that may affect your ability to successfully complete an exam (illness, family emergency, etc.) you must discuss the situation with your instructor before taking the exam, even if you must do so right before the exam. Your instructor will then be able to advise you on your options. Do not wait until after you take the exam to mention a situation to your instructor.

OFFICE HOURS: Most instructors hold office hours in the Math Help Rooms, MATH 205 or MATH 211. In addition to instructors from your course, instructors from other courses in the help rooms can also help you. The office hour schedule can be found on the course website. The schedule will be finalized after the first week of classes. You are strongly urged to go to office hours if you have questions. It is the best way to get individual help.

GRADES: The course grade will be based on a total of 650 points.

Homework	75
Quizzes	75
Exam 1	100
Exam 2	100
Exam 3	100
Final	200
Total	650

To insure a grade system that is as fair as possible, and since the assessments common to all students and graded identically for all students are the four course-wide exams, the best way to compare the learning of students in different sections with different instructors is using these four common exams. Thus, we use the following procedures to calculate the semester letter grades.

1. Each student's Exam 1, Exam 2, and Exam 3 scores and the final exam score will be added together, to form a composite score (out of a maximum of 500 points).
2. The Mathematics Department will decide on the A range, B range, etc., for the composite scores.
3. Your instructor will count the number of composite scores for his/her students which are in the A range, B range, etc.
4. For course grades, your instructor will assign a number of As, Bs, etc, equal to the number of As, Bs, etc. earned as the composite scores. However, the final grades will be assigned based on total score (out of the 650 points as listed in the table above).
5. Example: Suppose there are 8 As, 10 Bs, etc. for the composite scores among your instructor's students, then the students in his/her section with the 8 highest total scores will receive an A; students with the next 10 highest total scores will receive a B; and so on.

6. If your total score is within 2 points of a grade cutoff, your grade will be raised to the higher grade. If your total score is within 3-9 points of a grade cutoff, your grade will be raised and a minus sign added (that is, you will earn an A-, B-, C-, or D-). If your total score is within 10-17 points of a grade cutoff, a plus sign will be added to your grade (that is, you will earn a B+, C+, or D+).

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES: If you have been certified by the Disability Resource Center (DRC) as eligible for academic adjustments on exams or quizzes, please see <http://www.math.purdue.edu/ada> for exam and quiz procedures for your mathematics course or go to MATH 242 for paper copies.

In the event that you are waiting to be certified by the Disability Resource Center we encourage you to review our procedures prior to being certified. For all in-class accommodations, please see your instructors outside class hours-before or after class or during office hours-to share your Accommodation Memorandum for the current semester and discuss your accommodations as soon as possible.

CAMPUS EMERGENCY PROCEDURE: In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor's control. Announcements regarding campus emergencies will be sent via course-wide emails and posted on the course web page.

ACADEMIC DISHONESTY: The Mathematics Department will not tolerate academic dishonesty of any sort. If academic dishonesty occurs, then grade penalties will be imposed, possibly to the extent of an F in the course. Additionally, all cases of academic dishonesty will be reported to the Office of the Dean of Students for disciplinary action (which may include probation, suspension, or expulsion).

SECTION CHANGES AND DROPS: During the first week of classes, section changes are made via Banner within myPurdue, and no signatures are required. From the second through ninth weeks of the semester, see the instructor of the section you want to enter for the required signature. If you want to drop this course during the first nine weeks of the semester, then your instructor can sign your drop form. If your instructor is not available, go to MATH 835.

LAST ADD DATE: The last day you can add this course is Tues, Sep 30. Students adding at this time must take an alternate Exam 1. Students are expected to keep up with the current material while studying for the alternate Exam 1.

COURSE EVALUATIONS: On Monday of the fifteenth week of classes, you will receive an official email from evaluation administrators with a link to online course evaluations.

EMERGENCY PREPAREDNESS SUMMARY: A document about emergency preparedness can be found on the course web page under syllabus. Here is a summary.

If an alarm is heard inside a building, immediately evaluate the building. Get a safe distance from the building. Remain outside the building until police, fire, or other emergency response personnel provide additional guidance or tell you it is safe to leave or return to the building.

If an alarm is heard outside a building, immediately seek shelter in a safe location within the closest building. These types of alarms may indicate a tornado, a civil disturbance, or release of hazardous materials in the outside air. Remain inside the building until police, fire, or other

emergency response personnel provide additional guidance or tell you it is safe to leave.

In both cases above, you should seek additional clarifying information by all means possible such as Purdue University home page, email alert, TV, radio, etc.