

MA16020 : Applied Calculus II
Course Information - Syllabus(Part II)
Summer 2021

COURSE WEB PAGE: <http://www.math.purdue.edu/ma16020> which has the Syllabi, Exam Info, Math Help Info, etc.

TEXTBOOK: No textbooks required to purchase. Course contents will be provided to students online through LON-CAPA free of charge. loncapa.purdue.edu

HOMEWORK ACCESS: Online homework access through LON-CAPA will be provided to students free of charge. loncapa.purdue.edu

PREREQUISITE: Minimum grade of C- in MA16010 or MA16100 or MA16300 or MA16500 or MA16700 or MA22300 or MA22100 or MA23100

Calculator: A scientific calculator with a one-line display is required. **ONLY THIS TYPE OF CALCULATORS WILL BE ALLOWED. NO EXCEPTIONS. HIGHLY Recommended is the TI-30Xa.** If in doubt, please double check with your instructor.

Homework: Homework assignments will normally be due at 8:59AM, the day of the next lesson/lecture. **Homework due dates and times will appear in LON-CAPA. Note: A small few days will have two HW assignments due.** 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 communicate with your instructor, myself, the Course Coordinator(Owen Davis davisok@purdue.edu).

Special Note: If you feel one of your homework answers is being graded incorrectly, please get help using the Piazza Discussion Board mentioned further below, posting a screen shot of the problem with the answer you think is correct, however actual LON-CAPA grading mistakes are extremely rare. **AFTER homework answers are available for a given HW assignment in LON-CAPA,** when a HW assignment goes past due, if there is a grading problem, post a question in Piazza with a screenshot **and** also email me, the Course Coordinator(Owen Davis davisok@purdue.edu).

Quizzes: There will be frequent quizzes, possibly more than once a week. No make-up quizzes will be given. Only your instructor can excuse a quiz.

Requests to have deadlines extended and/or work excused **must be made at the time of your absence.** No consideration will be given to requests made after that time.

Exams: There will be 3 midterm exams and a 2 hour final exam. The exams will be administered in a campus computer lab during your normal class hour. The dates of the 3 midterms (60 minute exams) can be found in the course calendar. The final exam date and time will be available by the beginning of July sometime. **The semester does not end until Friday, August 6 at 5:30 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 **AND the Course Coordinator(Owen Davis [davisok@purdue](mailto:davisok@purdue.edu))** immediately and explain why you missed the exam. **You should be prepared to present documentation to the Course Coordinator that supports the reason for your absence.** If you contact the course coordinator(Owen Davis [davisok@purdue](mailto:davisok@purdue.edu)) the day of the exam, the Course Coordinator might 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 and documentable reasons, you will not be allowed an alternate exam. Not knowing the right time, date or location of an exam is not a valid reason for missing an exam.

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 **AND the Course Coordinator(Owen Davis davisok@purdue)** before taking the exam, even if you must do so right before the exam. Your instructor and/or the Course Coordinator(Owen Davis davisok@purdue) will then be able to advise you on your options. Do not wait until after you take the exam to contact your instructor AND the Course Coordinator(Owen Davis davisok@purdue)

OFFICE HOURS: To be announced later. Stay tuned to course emails.

Piazza Discussion Forum: We will use Piazza for the online discussion board for homework questions, and this will also will be used for lesson material/content questions about the LON-CAPA etext Examples and Videos. There will be moderators that can help you with even smaller issues like typing in answers correctly. Asking a question, posting a screenshot of your problem and part of your solution and/or the answer you are typing in, which can all be helpful to getting prompt useful help. This is also a great place for you to interact with other fellow students and get your homework questions answered by one another also. **You are highly encouraged to actively participate in the discussion.**

GRADES: The course grade will be based on a total of 700 points. Since the four midterm exams and the final exam are common to all students, a normalization process based on the composite score (sum of the scores for Exams 1 through 3 and the Final Exam; maximum 560 points) is used to determine the number of each letter grade given:

Homework	70
Quizzes	70
Exams 1 to 3, 120 points each	360
Final	200
Total	700

To insure a grade system that is as fair possible, and since the exam assessments are 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 is using these common exams. **SO...**

SEMESTER LETTER GRADE CALCULATIONS:

1. Each student's Exams 1 through 3 scores and the final exam score will be added together, to form a composite score (out of a maximum of 560 points).
2. The Mathematics Department will decide on the A range, B range, etc., for the composite scores.
3. The course coordinator will count the number of composite scores for his/her students which are in the A range, B range, etc.
4. For course grades, the course coordinator 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 700 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 full letter grade. If your total score is within 3-13 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 14-24 points of a grade cutoff, a plus sign will be added to your grade (that is, you will earn a B+, C+, or D+).

GRADE SCALE NOTE: This a required syllabus element, but for this course the actual grades will always be more generous than this. So, think of this as a safety net grade guarantee. Students who get at least 97 percent of the total 580 points in this course are guaranteed an A+, 93 percent guarantees an A, 90 percent an A-, 87 percent a B+, 83 percent a B, 80 percent a B-, 77 percent a C+, 73 percent a C, 70 percent a C-, 67 percent a D+, 63 percent a D, and 60 percent a D-; for each of these grades, it is almost certain that at the end of the semester a somewhat lower percentage will be enough to get that grade.

ACADEMIC ADJUSTMENTS FOR STUDENTS WITH DISABILITIES: Purdue University strives to make learning experiences accessible to all participants. If you anticipate or experience physical or academic barriers based on disability, you are encouraged to contact the Disability Resource Center at: drc@purdue.edu or by phone: 765-494-1247.

If you have been certified by the Disability Resource Center (DRC) as eligible for academic adjustments on exams or quizzes, please do contact the course coordinator (Owen Davis davisok@purdue.edu). Also, see <http://www.math.purdue.edu/ada> for exam and quiz procedures for your mathematics course. If you have further questions please send email to Stephanie Foster (foster80@purdue.edu)

In the event that you are waiting to be certified by the DRC we encourage you to review our procedures prior to being certified. For all in-class accommodations please contact your instructor as soon as possible. Here are instructions for sending your Course Accessibility Letter to your instructor: <https://www.purdue.edu/drc/students/course-accessibility-letter.php>

Quizzes: If you have been certified by the Disability Resource Center (DRC) as eligible for academic adjustments on **Quizzes**, see <http://www.math.purdue.edu/ada> for quiz procedures or go to MATH 202 for a paper copy.

In the event that you are waiting to be certified by the DRC we encourage you to review our procedures prior to being certified. For all in-class accommodations, please see your instructor 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.

SUPPORT for Stress, Anxiety, Learning Resources, or Mental Health:

If you find yourself beginning to feel some stress, anxiety and/or feeling slightly overwhelmed, try WellTrack, <https://purdue.welltrack.com/>. Sign in and find information and tools at your fingertips, available to you at any time.

If you need support and information about options and resources, please see the Office of the Dean of Students, <http://www.purdue.edu/odos>, for drop-in hours (M-F, 8 am- 5 pm).

If you're struggling and need mental health services: Purdue University is committed to advancing the mental health and well-being of its students. If you or someone you know is feeling overwhelmed, depressed, and/or in need of mental health support, services are available. For help, such individuals should contact Counseling and Psychological Services (CAPS) at (765)494-6995 and <http://www.purdue.edu/caps/> during and after hours, on weekends and holidays, or by going to the CAPS office of the second floor of the Purdue University Student Health Center (PUSH) during business hours.

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: Academic honesty and integrity is a critical part of all we do at Purdue. Students are expected to adhere to the Purdue Honor Pledge: As a boilermaker pursuing academic excellence, I pledge to be honest and true in all that I do. Accountable together we are Purdue. See the Purdue Honor Pledge for more information.

The Mathematics Department will not tolerate academic dishonesty of any sort. If academic dishonesty occurs, then grade penalties will be imposed, zeros on assessments for sure, and up the extent of a directed F in the course. 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). NOTE: students should be made aware that they can report issues of academic integrity that they observe, either through the Office of the Dean of Students (purdue.edu/odos), call 765-494-8778 or email integrity@purdue.edu .

COURSE EVALUATIONS: On Monday of the seventh 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. 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.