

# MA16010 : Applied Calculus I (IMPACT)

Fall 2016

**COURSE WEB PAGE:** <http://www.math.purdue.edu/ma16010>

**PREREQUISITE:** MA 15400 C- or better, MA 15800 C- or better, ALEKS score of 75% or above, SAT math score of 600 or above or ACT math score of 26 or above

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

**HOMEWORK ACCESS:** Online homework access through LON-CAPA will be provided to students, free of charge.

**Discussion Board:** We will use Piazza for online discussion. A graduate assistant will be moderating Piazza on a regular basis.

**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 (no calculators on the first or the last quiz) or exams.

**Homework:** Homework assignments will be assigned regularly. There are 36 homework assignments with 2 points each. The **lowest** homework score will be dropped. Wednesday's assignment is due at 10:00pm on Friday and Friday's assignment is due at 10:00pm the following Tuesday. 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 **9 quizzes total with 3 points each**. The **lowest** quiz score will be dropped. There will be no make-up quizzes. In extenuating circumstances, your instructor may choose to excuse you from a quiz.

**Pre-work:** There will be **26 pre-work assessments with 2 points each**. The **3 lowest** pre-work scores will be dropped. There will be no make-up pre-work assessments. In extenuating circumstances, your instructor may choose to excuse you from one.

**Worksheets:** There will be a worksheet in each class. Worksheets are worked on both independently as well as collaboratively in class. Worksheets are not graded. However, they are crucial in helping you grasp the concepts and practice your computational and problem solving skills.

**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 and date 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, Dec 17 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 640 points.

Homework	70
Quizzes	24
Pre-work	46
Exam 1	100
Exam 2	100
Exam 3	100
Final	200
Total	640

Final letter grades will be determined using the following grading scale.

total points > 615: A+
563 < total points ≤ 615: A
545 < total points ≤ 563: A-
527 < total points ≤ 545: B+
480 < total points ≤ 527: B
462 < total points ≤ 480: B-
444 < total points ≤ 462: C+
389 < total points ≤ 444: C
371 < total points ≤ 389: C-
353 < total points ≤ 371: D+
306 < total points ≤ 353: D
288 < total points ≤ 306: D-
total points ≤ 288: F

**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 202 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 be 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). If you would like to report issues of academic integrity, you can report to the Office of the Dean of Students ([purdue.edu/odos](http://purdue.edu/odos)), call 765-494-8778 or email [integrity@purdue.edu](mailto:integrity@purdue.edu).

**SECTION CHANGES AND DROPS:** Please talk to your instructor.

**LAST ADD DATE:** The last day you can add this course is Tues, Sep 27. 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. You will have two weeks to complete this evaluation. You are strongly encouraged to participate. Your feedback is vital to maintaining and improving the quality of education at Purdue University.

**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.