

Course Syllabus for MA 16100, Fall 2021

Course Web Page for MA 16100: <https://www.math.purdue.edu/MA161> Check this page (not Brightspace) often for important information and announcements. There is also a detailed Daily Calendar for the entire semester posted.

Lecturer: Prof. Johnny Brown, MATH 700, 494-1955, brown00@purdue.edu

Email is preferred method of contact, but don't count on a response on evenings or weekends. Due to the large number of students in this class, for most questions (in particular for questions about deadlines, grade calculations, or technical issues) it is recommended that you email your TA first. If the TA cannot answer your question, he or she will forward it to the lecturer.

Office Hours: You may attend any of the scheduled hours in the Math Resource Room (HAAS 115). The purpose of the Math Resource Room is to foster student learning. The MRR is a space for students to work collaboratively and for instructors to answer questions over course material and go through problems similar to students' homework problems. The instructors will not do your exact homework problems. Instead, they will go through a similar problem with you to give you another example to work through. This is more beneficial for you, since it better prepares you for quizzes and exams.

Course Objectives: 1. To compute limits and to apply limit laws. 2. To apply rules of differentiation to compute derivatives of elementary functions. 3. To sketch graphs of functions with the aid of differentiation techniques. 4. To find maxima and minima of functions; optimization problems 5. To compute integrals of some elementary functions and to apply the Fundamental Theorem of Calculus to compute areas of certain planar regions.

Required Materials: Students are required to have an access code for the *Pearson MyLab Math* platform. A physical textbook is NOT required. A digital version of the textbook is included in *Pearson MyLabMath*. For reference, the textbook is *Calculus, Early Transcendentals*, (Third Edition) by Briggs, Cochran, Gillett, Schulz.

There is a two week grace period before you must purchase an access code. If you are taking more than one semester of calculus, the full access code (multi-semester) is good for all the Calculus courses (MA 16100, MA 16200, MA 16500, MA 16600, and MA 26100) since they use the same textbook.

Homework: There are a total of 36 online assignments (numbered 0 - 35) using *MyLab Math*. *Pearson MyLabMath* is accessed through the course recitation (REC) page in Brightspace: <http://purdue.brightspace.com> Due dates and times are listed in the *MyLab Math* system and on the course calendar. Generally, homework from the Friday and Monday lectures are due Tuesday at 11:00^{pm} and homework from the Wednesday lecture is due Thursday at 11:00^{pm}.

Homework Score Appeal: If you believe there is a computer error in the grading of your homework problems, please contact your recitation TA by email.

Quizzes: There will be a quiz in every recitation class with a few exceptions. The quizzes will be on the material from lessons whose homework is due the previous recitation. Quizzes

are written and graded by your recitation instructor. Please see the Course Calendar on the Course Web Page for the quiz schedule.

Policy on Late Homework and Missed Quizzes: Late homework will not be accepted. No make-up quizzes will be given. At the end of the semester, the 3 lowest homework scores and the 2 lowest quiz scores will be dropped. Students who are forced to miss class for an extended period of time should see the lecturer.

Midterm Examinations: Three one-hour, multiple choice, evening midterm exams:

EXAM 1 – Thursday, September 23	(8:00 ^{pm} - 9:00 ^{pm})
EXAM 2 – Thursday, October 21	(8:00 ^{pm} - 9:00 ^{pm})
EXAM 3 – Thursday, November 18	(8:00 ^{pm} - 9:00 ^{pm})

More information will be announced closer to each exam.

Final Examination: There will be a two-hour, multiple choice final during final exam week. The time and place will be announced by the university registrar at a future date.

Important Dates:

Last day to drop the course without it being recorded in your transcript: Friday, **September 3**

Last day to drop the course and receive a W: Tuesday, **October 26** (5:00^{pm})

Transfers: If you transfer sections, it is your responsibility to notify the TA of the new section so that he/she can check that your *MyLab Math* scores have carried over.

Calculators: Calculators are not allowed on exams or quizzes. It is important that you learn to do simple manipulations by hand.

Grades: Course grades will be determined from your overall score computed as follows:

Homework	15 %
Quizzes	15 %
Three midterms @ 15 % each	45 %
Comprehensive Final Exam	<u>25 %</u>
	100 %

Course letter grade cutoffs are guaranteed to be *at least* as generous as the following:

A+(97), A(93), A-(90), B+(87), B(83), B-(80), C+(77), C(73), C-(70), D+(67), D(60)
Cutoffs will be adjusted after each midterm exam to give students an idea of their standing in the course.

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 accommodations, you should contact your TA to discuss your accommodations as soon as possible. You should send your Course Accessibility Letter to your TA and also to Professor Brown: here are instructions for how to do this:

<https://www.purdue.edu/drc/students/course-accessibility-letter.php>

Mental Health/Wellness Statement: 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 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 through its counselors physically located in the Purdue University Student Health Center (PUSH) during business hours.

Academic Guidance in the Event a Student is Quarantined/Isolated: Whether you have tested positive for COVID-19 or are quarantining because of COVID-19 exposure, a nurse case manager from the Protect Purdue Health Center will provide guidance and help you make arrangements at every step of the way. The PPHC will provide you with medical clearance to return to campus activity once your quarantine or isolation period is complete. You may call PPHC at 765-496-INFO (4636) or toll-free at 833-571-1043 at any time 24/7 for assistance.

Academic case managers are assigned to undergraduate and Pharmacy professional students who test positive or have to quarantine due to exposure to COVID-19. The role of the academic case manager is to help students as they navigate academic concerns, communication with faculty, as well as providing various resources and strategies to be successful during their time away from in-person course attendance.

For more information about academic case managers, contact: acmq@purdue.edu.

Supplemental Instruction: There are Supplemental Instruction (SI) study sessions available for this course. These study groups are open to anyone enrolled in this course who would like to stay current with the course material and increase understanding. Attendance at these sessions is voluntary, but extremely beneficial for those who attend regularly. SI will be taking place online, and students can access the sessions through Brightspace. SI will be listed among the courses on the home screen, and the SI course page will display all of the SI Leader's session times and links, as well as office hour times and links. Even though SI will be virtual, the sessions will still be collaborative and interactive; students who attend these sessions will find themselves working with peers as they compare notes, demonstrate and discuss pertinent problems and concepts, and share study and test-taking strategies.

Commercial Note Taking: Notes taken in this class are generally considered to be "derivative works" of the instructor's presentations and materials, and they are thus subject to the instructor's copyright in such presentations and materials. No individual is permitted to sell or otherwise barter notes, either to other students or to any commercial concern, for a course without the express written permission of the course instructor. See University Senate Document 03-9, April 19, 2004.

Academic Integrity: Academic integrity is one of the highest values that Purdue University holds. Individuals are encouraged to alert university officials to potential breeches of

this value by either emailing integrity@purdue.edu or by calling 765-494-8778. While information may be submitted anonymously, the more information that is submitted provides the greatest opportunity for the university to investigate the concern. Purdue prohibits academic dishonesty. According to University policy cheating, plagiarism, lying and deceit in any of their diverse forms (such as the use of substitutes for taking examinations, the use of illegal cribs, plagiarism and copying during examinations) is dishonest and must not be tolerated. Moreover, knowingly to aid, abet, directly or indirectly, other parties in committing dishonest acts is in itself dishonest. If found guilty of academic dishonesty, possible penalties can range from receiving a zero on the assignment to expulsion from the University. For more details about the Purdue policy on academic dishonesty see www.purdue.edu/odos/osrr/academic-integrity/index.html

Course and Instructor Evaluations: During the last two weeks of the semester, you will be provided an opportunity to evaluate this course and your instructor(s) through online course evaluations. On Monday of the 14th week of classes, you will receive an official email from evaluation administrators with a link to the online site. You will have two weeks to complete this evaluation. Your participation in this evaluation is an integral part of this course. Your feedback is vital to improving education at Purdue University. We strongly urge you to participate in the evaluation system.

Other Issues: 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. To get information about changes in this course please check Brightspace and the course web page: www.math.purdue.edu/MA161