

Course Information for MA 16200, Fall 2022

Course Web Page for MA 16200: <https://www.math.purdue.edu/MA162>

Check this page often for important information and announcements. There is also a detailed *Daily Calendar* for the entire semester posted.

Course Objectives: 1. Apply techniques of integration (integration by parts, trigonometric substitution and partial fractions) to compute areas of planar regions, volumes of solids of revolution and areas of surfaces of revolution, work, moments and centers of mass of homogeneous laminas. 2. Apply tests of absolute convergence of series to find the interval of convergence of some power series. 3. Find the Taylor and Maclaurin series of some exponential, rational and trigonometric functions. 4. Use polar coordinates to make it possible to sketch the graphs of some curves.

Homework:

There are 35 online assignments using *MyLab*. You can access *MyLab* through the **recitation** Brightspace page (Fall 2022 MA 16200-XXX **REC**). Generally, homework from the Friday and Monday lectures are due on Tuesday at 11:59 pm and homework from the Wednesday lecture is due Thursday at 11:59 pm.

Quizzes:

There will be a quiz during recitation every Tuesday and Thursday (except during first and the last weeks of the semester). Quizzes typically cover the lecture material from the previous week. Quizzes are written and graded by your recitation instructor. Please see the Course Calendar on the [Course Web Page](#) for 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 excused.

Transfers:

If you transfer sections, it is your responsibility to notify the TA of the new section so that he/she can ensure that your past scores are transferred correctly

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.

Midterm Exams:

There are three midterm in-person exams:

- EXAM 1 Tuesday, 9/20, 8 pm. Location: Elliott Hall of Music
- EXAM 2 Tuesday, 10/18, 8 pm. Location: Elliott Hall of Music
- EXAM 3 Tuesday, 11/15, 8 pm. Location: Elliott Hall of Music

More information will be announced closer to each exam.

Grades:

Course grades are determined from your overall total score as follows:

Homework	14%
Quizzes	14%
Three midterms @ 14% each	42%
Comprehensive Final Exam	30%

The **maximum** percentages to get each grade are:

A+	97%
A	93%
A-	90%
B+	87%
B	83%
B-	80%
C+	77%
C	73%
C-	70%
D+	67%
D	60%

For each of these grades, **it's possible that at the end of the semester a somewhat lower percentage will be enough to get that grade.** (In other words, the lowest percentage to get, for example, an A *could be lower* but *will not be higher* than 93%.)

Important Dates:

Last day to drop a course without it on your record: **Friday, September 2**

Last day to drop a course and receive a W: **Tuesday, October 25**

Please see the [Purdue University Academic Calendar](#) for other important dates.

Calculators:

Calculators are not allowed on exams or quizzes. You may use calculators on homework assignments.

Accommodations 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 recitation instructor and also to the lecturer: here are instructions for how to do this

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

Attendance Policy:

When conflicts or absences can be anticipated, such as for many University-sponsored activities and religious observations, the student should inform the instructor of the situation as far in advance as possible. For unanticipated or emergency absences when advance notification to the instructor is not possible, the student should contact the instructor as soon as possible by email or phone. When the student is unable to make direct contact with the instructor and is unable to leave word with the instructor's department because of circumstances beyond the student's control, and in cases falling under excused absence regulations, the student or the student's representative should contact or go to the [Office of the Dean of Students website](#) to complete appropriate forms for instructor notification. Under academic regulations, excused absences may be granted for cases of grief/bereavement, military service, jury duty, and parenting leave. For details, see the [Academic Regulations & Student Conduct section](#) of the University Catalog website.

Guidance related to COVID-19 are outlined in the [Protect Purdue Pledge for Fall 2021](#) on the [Protect Purdue website](#).

Classroom Guidance Regarding Protect Purdue:

Any student who has substantial reason to believe that another person is threatening the safety of others by not complying with Protect Purdue protocols is encouraged to report the behavior to and discuss the next steps with their instructor. Students also have the option of reporting the behavior to the [Office of the Student Rights and Responsibilities](#). See also [Purdue University Bill of Student Rights](#) and the Violent Behavior Policy under University Resources in Brightspace.

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.

Nondiscrimination Statement:

Purdue University is committed to maintaining a community which recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her potential. In pursuit of its goal of academic excellence, the University seeks to develop and nurture diversity. The University believes that diversity among its many members strengthens the institution, stimulates creativity, promotes the exchange of ideas, and enriches campus life. For more information, please see Purdue's full [Nondiscrimination Policy Statement](#).

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/academicintegritybrochure.php

Commercial Note Taking in Classes:

Notes taken in 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.

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 or other circumstances beyond the instructor's control, course requirements, deadlines, and grading percentages are subject to changes that may require a revised semester calendar. To get information about changes in this course please check your Purdue email frequently and visit the course web page: www.math.purdue.edu/MA162