

MA 15800 Precalculus Fall 2020

COURSE DESCRIPTION: Credit Hours: 3.00. Functions, Trigonometry, and Algebra of calculus topics designed to fully prepare students for all first semester calculus courses. Functions topics include Quadratic, Higher Order Polynomials, Rational, Exponential, Logarithmic, and Trigonometric. Other focuses include graphing of functions and solving application problems.

PREREQUISITE: MA 15300 C- or better, or ALEKS score of 60 or above

COURSE WEB PAGE: The course webpage is

<https://www.math.purdue.edu/academic/courses/coursepage?subject=MA&course=15800>. All important information will be posted on the course webpage

TEXTBOOK: No textbooks required to purchase. Course contents will be provided to students online through LON-CAPA free of charge. Video lessons are available in LON-CAPA

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

Calculator: Only a TI-30Xa scientific calculator with a one-line display is required. **ONLY THIS TYPE OF CALCULATORS WILL BE ALLOWED. NO EXCEPTIONS.**

Homework: Homework will be assigned daily. There will be **33 assignments** total with **20 points each**. Two homework scores will be dropped at the end of the course. Each assignment is due at **11:00pm of the day of the next lecture**. Since the homework is available well in advance of due dates, you should take into account any adjustments in your schedule to make sure that all homework is completed before the due date. Extensions will not be given on any homework assignment. Homework is worth 20% of the course grade.

Quizzes: Quizzes will be given weekly in LON-CAPA. Quizzes will become available at 9:00am EDT on Friday, and are due by 11:00pm EDT the following Sunday night. Quizzes will be worth 10 points each and will consist of 2 to 4 questions pertaining to the lessons from the previous week (including the lesson from Friday). The exceptions are exam weeks, where there will be no quiz. Quizzes are untimed and are worth 20% of your final grade.

Quiz 1	September 4-6	Quiz 6	October 23-25
Quiz 2	September 11-13	Quiz 7	October 30-November 1
Quiz 3	September 25-27	Quiz 8	November 13-15
Quiz 4	October 2-4	Quiz 9	November 20-22
Quiz 5	October 9-11	Quiz 10	November 30 - December 2

EXAMS: There will be four one-hour midterm exams. The midterms will be worth 100 points. Each exam is worth 15% of your overall grade, so exams will account for 60% of your final grade. All exams will be online and given through LON-CAPA. Exams will be mixture of open-ended and multiple choice responses. The exams will be timed, but you will have a 48 hour testing window starting at 9:00pm the Wednesday before exam date and closing 9:00pm the following Friday. An Exam Memo for each exam will be posted on the course webpage and Brightspace approximately one week before the exam.

Wednesday, September 16 - Friday, September 18

Wednesday, October 14 - Friday, October 16

Wednesday, November 4 - Friday, November 6

Wednesday, December 2 - Friday, December 4

Exam Conflicts: There should be no conflicts with exam times, since you will be given a 48 hour window to complete the exam. If you have a direct conflict with a required university activity, contact the course coordinator (Dave Norris, norris@purdue.edu) **at least one week** before the conflict. You will be asked to provide written verification of the conflict. Clients of the Disability Resources Center with concerns may contact the Undergraduate Services Office coordinator (MATH 202, 765-494-1991).

Discussion Forum: We will use Piazza for online discussion. More details will be provided to you once class starts. This is the place for you to interact with the fellow students and your instructor and get your questions answered. **You are highly encouraged to actively participate in the discussion.**

Math Resource Room: The MRR will not be open this fall. The instructors will be monitoring the Piazza discussion board regularly to assist you with any questions you may have.

GRADES: The course grade will be distributed as follows:

Homework	20%
Quizzes	20%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Exam 4	15%
Total	100%

Final letter grades will be determined using the following grading scale. (Grading scale may be adjusted if needed.)

Average	Grade	Average	Grade
98%-100%	A+	78%-79%	C+
92%-97%	A	72%-77%	C
90%-91%	A-	70%-71%	C-
88%-89%	B+	67%-69%	D+
82%-87%	B	60%-66%	D
80%-81%	B-	0%-59%	F

SECTION CHANGES AND DROPS: In the first week of the semester, you can add, drop, or change sections through MyPurdue. After the first week of classes, students can make course and section changes by getting Form 23 (Schedule Revision Request) from their academic advisor, getting their academic advisor's signature, and visiting the course coordinate in MATH 810. Completed forms are taken to the Registrar's office in Hovde Hall.

CHANGING TO A LOWER MATH COURSE: Students are allowed to drop back into a lower level course. THROUGH Friday, August 30, WE WILL ALLOW THIS TO HAPPEN WITHOUT RESTRICTION. SUCH STUDENTS SHOULD GET SIGNATURES FROM THEIR ACADEMIC ADVISOR AND from Patrick Devlin, MATH 804. You must obtain these signatures by Friday, August 28. Only under very extenuating circumstances will any student be allowed to register for MA 15300 after this date. They will also need the authorization of the Department Head, Professor Gregory Buzzard. Such students should contact their academic advisors for possible alternatives, including dropping the course.

ATTENDANCE POLICIES AND ABSENCES

Attendance Policy during COVID-19: Students should stay home and contact the Protect Purdue Health Center (496-INFO) if they feel ill, have any symptoms associated with COVID-19, or suspect they have been exposed to the virus. In the current context of COVID-19, in-person attendance will not be a factor in the final grades, but the student still needs to inform the instructor of any conflict that can be anticipated and will affect the submission of an assignment or the ability to take an exam. Only the instructor can excuse a student from a course requirement or responsibility. When conflicts 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 conflict, when advance notification to an instructor is not possible, the student should contact the instructor as soon as possible by email. 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 of bereavement, quarantine, or isolation, the student or the student's representative should contact the Office of the Dean of Students via email or phone at 765-494-1747..

Academic Guidance in the Event of Quarantine: If you become quarantined or isolated at any point in time during the semester, in addition to support from the Protect Purdue Health Center, you will also have access to an Academic Case Manager who can provide you academic support during this time. Your Academic Case Manager can be reached at acmq@purdue.edu and will provide you with general guidelines/resources around communicating with your instructors, be available for academic support, and offer suggestions for how to be successful when learning remotely. Importantly, if you find yourself too sick to progress in the course, notify your academic case manager and notify me via email or Brightspace. We will make arrangements based on your particular situation. The Office of the Dean of Students (odos@purdue.edu) is also available to support you should this situation occur.

Classroom Guidance Regarding Protect Purdue: The [Protect Purdue Plan](#), which includes the [Protect Purdue Pledge](#), is campus policy and as such all members of the Purdue community must comply with the required health and safety guidelines. Required behaviors in this class include: staying home and contacting the Protect Purdue Health Center (496-INFO) if you feel ill or know you have been exposed to the virus, wearing a mask [in classrooms and campus buildings](#), at all times (e.g., no eating/drinking in the classroom), disinfecting desk/workspace prior to and after use, maintaining proper social distancing with peers and instructors (including when entering/exiting classrooms), refraining from moving furniture, avoiding shared use of personal items, maintaining robust hygiene (e.g., handwashing, disposal of tissues) prior to, during and after class, and following all safety directions from the instructor.

Students who are not engaging in these behaviors (e.g., wearing a mask) will be offered the opportunity to comply. If non-compliance continues, possible results include instructors asking the student to leave class and instructors dismissing the whole class. Students who do not comply with the required health behaviors are violating the University Code of Conduct and will be reported to the Dean of Students Office with sanctions ranging from educational requirements to dismissal from the university.

Any student who has substantial reason to believe that another person in a campus room (e.g., classroom) is threatening the safety of others by not complying (e.g., not wearing a mask) may leave the room without consequence. The student is encouraged to report the behavior to and discuss next steps with their instructor. Students also have the option of reporting the behavior to the . See also [Purdue University Bill of Student Rights](#)

UNIVERSITY GRIEF POLICY: In the unfortunate event of the loss of a loved one, students should contact the Office of the Dean of Students to request that a notice of his or her leave be sent to instructors. The student will provide documentation of the death or funeral service attended to the ODOS. Given proper documentation, the instructor will excuse the student from class and provide the opportunity to earn equivalent credit and to demonstrate evidence of meeting the learning outcomes for missed assignments or assessments. If the student is not satisfied with the implementation of this policy by a faculty member, he or she is encouraged to contact the Department Head and if necessary, the ODOS, for further review of his or her case. In a case where grades are negatively affected, the student may follow the established grade appeals process.

Grief-Absence Policy for Student (GAPS): If you experience a death of a family member or close friend, notify the Office of Dean of Students at 765-494-1747. Scores for any missed exams under a verified GAPS absence will be prorated (assigned a score based on your average and the class average). See the course coordinator (Dave Norris, MATH 810) for more information.

Military Absence Policy for Students (MAPS): If you are required to complete mandatory military service, notify the Office of Dean of Students at 765-494-1747 to request that a notice of the leave be sent to instructors. See the course coordinator (Dave Norris, MATH 810) for more information.

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 own 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. More details are available on our course Brightspace table of contents, under University Policies.

ACCOMMODATIONS AND ACCESSIBILITY:

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.

In this mathematics course accommodations are managed between the instructor, the student and DRC Testing Center.

If you have been certified by the Disability Resource Center (DRC) as eligible for accommodations, you should contact your instructor to discuss your accommodations 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>

MENTAL HEALTH:

If you find yourself beginning to feel some stress, anxiety and/or feeling slightly overwhelmed, try [??](#) . 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 contact or see the [??](#) . Call 765-494-1747. Hours of operation are M-F, 8 am- 5 pm.

If you find yourself struggling to find a healthy balance between academics, social life, stress, etc. sign up for free one-on-one virtual or in-person sessions with a [Purdue Wellness Coach at RecWell](#). Student coaches can help you navigate through barriers and challenges toward your goals throughout the semester. Sign up is completely free and can be done on BoilerConnect. If you have any questions, please contact Purdue Wellness at evans240@purdue.edu.

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 [??](#) at 765-494-6995 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.

ACADEMIC INTEGRITY: [Purdue's 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."

Academic integrity is one of the highest values that Purdue University holds. Individuals are encouraged to alert university officials to potential breaches of this value by either emailing integrity@purdue.edu or by calling 765-494-8778. While information may be submitted anonymously, the more information is submitted the greater the opportunity for the university to investigate the concern. More details are available on our course Brightspace table of contents, under University Policies.

COURSE EVALUATIONS: At the end of the summer school, you will receive an official email from evaluation administrators with a link to online course evaluations. You are strongly encouraged to participate—your feedback is vital to maintaining and improving the quality of education at Purdue University.

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.

Emergency Preparedness Summary: A document about emergency preparedness can be found in Brightspace. 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. Relevant changes to this course will be posted onto the course website or can be obtained by contacting the instructors or TAs via email or phone. You are expected to read your @purdue.edu email on a frequent basis.

If an alarm is heard inside a building, immediately evacuate 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.