

**Required Text:** MyMathLab and eBook for *Calculus for Scientists and Engineers: Early Transcendentals, OSU 2<sup>nd</sup> custom edition*, by Briggs, Cochran & Gillet (Pearson). ISBN: 1323174311.

**Optional Text:** Printed text for *Calculus for Scientists and Engineers: Early Transcendentals, OSU 2<sup>nd</sup> custom edition*, by Briggs, Cochran & Gillet (Pearson). ISBN: 1269753444. For additional information, go to <https://math.osu.edu/sites/math.osu.edu/files/OSU-Briggs-2e-Calculus-Book-Buying-Guide.pdf>.

**Course Website:** Basic course information such as calendars, syllabus and exam schedule can be found at <http://www.math.osu.edu/courses/1172>.

**Course Description:** Integration (techniques and applications), sequences and series, Taylor series, vectors and parametric curves, differential calculus of several variables.

**Course Purpose:** To provide students with a solid foundation in Calculus (integration, sequences and series, Taylor series, vectors and parametric curves, differential calculus of several variables). Problem solving will be emphasized throughout the course to promote a deeper understanding of the theory of calculus and its applications.

**Prerequisites:** Grade C- or better in 1151, 4181H, 152.xx or 161.xx, 161.01H, 1114, or 114.

**GE Information:** This mathematics course can be used, depending on your degree program, to satisfy the Mathematical or Logical Analysis category of the General Education Requirement (GE).

**Calculator Policy:** Calculators **WILL NOT BE PERMITTED** during exams and in class quizzes. Cell phones and web-enabled devices are also prohibited during exams and in class quizzes.

**Exams:** Math 1172 has **common evening exams**. Attendance at all exams at the scheduled time and place is required. Students **must bring their OSU ID to all exams** in order for their exams to be properly recorded. Here is the preliminary schedule (subject to change by the University Office of Scheduling):

Exam	Sections Covered	Date	Time
Midterm 1	6.2 - 7.2	Thursday, Sept 17	7:05 - 8:00 pm
Midterm 2	7.3 - 10.4	Thursday, Oct 22	7:05 - 8:00 pm
Midterm 3	11.1 - 13.4	Thursday, Dec 3	7:05 - 8:00 pm
Final Exam	Cumulative	Tuesday, Dec 15	6:00 - 7:45 pm

Exams will most likely **NOT** be held in your regular classroom. Room assignments will be posted on the Math 1172 website, and announced in class a week before each exam. **STUDENTS SHOULD NOT MAKE TRAVEL ARRANGEMENTS THAT CONFLICT WITH THE FINAL EXAM. SUCH A CONFLICT IS NOT A VALID REASON FOR MISSING THE REGULARLY SCHEDULED FINAL EXAM.**

**Make-up Policy:** Make-up exams will be available for students having documented work & class conflicts or illnesses. Students must have a **permission slip** from their lecturer to take a make-up exam.

**Course Grade:** Your final numerical grade will be based on your recitation and exam scores.

Recitation:	150 points
Midterms:	300 points (3 midterms at 100 points each)
Final Exam:	200 points
<b>TOTAL:</b>	<b>650 points</b>

The recitation grade includes 60 points for online homework and 90 points for quizzes (10 quizzes, 10 pts each, drop the lowest; each quiz consists of two parts: in class (6 pts), and take-home (4 pts)). **The take home portion of each quiz is due in the following recitation.**

Note: There will be 3 optional surveys throughout the semester. A student will receive 5 extra credit points if, and only if, all 3 surveys are completed.

**MyMathLab Online Homework:** This course uses the Carmen (<http://www.carmen.osu.edu>) course management system, in conjunction with the MyMathLab online homework system. You will receive an access code for MyMathLab when you purchase your textbook. Alternatively, you can choose to buy MyMathLab access only, which includes the electronic version of the book. MyMathLab access is provided as a link through Carmen, and not through the general MyMathLab website. There is no written homework to hand in. There are 10 MyMathLab Homeworks.

	Sections Covered	Due Date		Sections Covered	Due Date
HW 1	6.2 - 6.4	Sept 3	HW 6	9.5 - 10.4	Oct 21
HW 2	6.5 - 7.2	Sept 16	HW 7	11.1, 11.2	Oct 29
HW 3	7.3, 7.4	Sept 24	HW 8	11.3, 12.1 - 12.3	Nov 5
HW 4	7.5, 7.8, 9.1	Oct 1	HW 9	12.4 - 12.7	Nov 17
HW 5	9.2 - 9.4	Oct 8	HW 10	12.8 - 13.6	Dec 8

Study Plan: Additional practice problems are available for you through the MyMathLab Study Plan. These questions are not for credit, but will help you study. The Study Plan can automatically select problems for you to practice based on how you do on your homework assignments and sample tests available in MyMathLab. The sample tests are available for you to use to optimize your use of the study plan. MyMathLab sample tests are NOT intended to be practice exams or exam reviews for the course midterms.

**Grading Scale:**

A	A-	B+	B	B-	C+	C	C-	D+	D
93-100%	90-92%	87-89%	83-86%	80-82%	77-79%	73-76%	70-72%	67-69%	60-66%

This grading scale will not be raised. In borderline cases the Lecturer will consult with the T.A. to decide the grades. Attendance and class participation will be important factors in such decisions.

**Additional Help:** Your lecturer and T.A. will have office hours scheduled for individual help. In addition, the MSLC will have tutoring available for Math 1172 students. Please, visit the MSLC website, <http://www.mslc.osu.edu>, for more information about these services.

**Disability Statement:** Students with disabilities that have been certified by the Office of Disability Services will be appropriately accommodated, and should inform the instructor as soon as possible of their needs. The Office of Disability Services is located in 150 Pomerene Hall, 1760 Neil Avenue; telephone (614) 292-3307, VRS (614) 429-1334; <http://www.ods.osu.edu>

**Academic Misconduct Statement:** It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term academic misconduct includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee. For additional information, see the Code of Student Conduct [http://studentaffairs.osu.edu/resource\\_csc.asp](http://studentaffairs.osu.edu/resource_csc.asp).