

Course Syllabus

Course: Mathematics 1042.011.

Course Title: Calculus II.

Time: Tuesdays, Thursdays, 9:50–11:30.

Place: Barton B-205.

Instructor: Conrad, Bruce P.

Instructor Office: Wachman 616.

Instructor Email: bruce.conrad@temple.edu

Instructor Phone: 215-204-2896.

Course Web Page: <http://www.math.temple.edu/~vishik/fall09/Math1042fall09.html>

Office Hours: Tuesdays, Thursdays 11:40–12:30; Wednesdays 16:30–17:20. If these hours conflict with your schedule, please do not hesitate to make an appointment with me.

Prerequisites: Math 1041 (Calculus I) with a grade of C or better or an equivalent transfer.

Textbook: Jon Rogawski: Calculus: Early Transcendentals; First Edition, W.H. Freeman and Company.

Course Goals: We will learn some of the most important concepts of calculus: infinite series and techniques and applications of integration.

Topics Covered: Sequences and series, including power and Taylor series, the definite integral and the Fundamental Theorem of Calculus, applications of the definite integral, techniques of integration, improper integrals.

Course Grading: Your course grade will be computed according to the following scheme:

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|----------------------------|-----|
| Exam 1 | 24% |
| Exam 2 | 24% |
| Online review quiz average | 2% |
| HW Quiz Average | 11% |
| COW Score | 5% |
| Final Exam | 34% |

Exam Dates: Test 1: Monday, October 12, 5:50 PM – 7:20 PM; Test 2: Monday, November 23, 5:50 PM – 7:20 PM; Final Exam: Monday, December 14, 3:30 PM – 5:30 PM.

Attendance Policy: You are allowed up to 4 unexcused absences during the semester. After that, your grade will be lowered by 1 notch, e.g., from B to B–, for every increment of 4 classes or a portion thereof that you miss.

Calculator Policy: No calculators are allowed on all exams and on most of in-class quizzes.

Quizzes/Homework: We'll have TWO COMMON REVIEW QUIZZES online (on the Blackboard): one on limits (at the end of the second week) and the other one on the FTC, Part I, and the linearity and additivity properties of definite integrals (at the middle of the fifth week). The grade for each review quiz will be counted as 1% of the course grade. A list of homework problems from the text will be distributed. The homework problems will not be handed in for grading, but it is very important that you do these problems. A short quiz will be given every week starting with the second week of class. Each quiz will consist of 4–5 problems based on the homework problems

assigned that or previous week. When computing your overall quiz average, the lowest two quiz scores for the quizzes given before Exam 2 will be dropped. No make up quizzes will be given. Missed quizzes will receive a score of zero and are to be counted among the dropped scores.

Letter Grades: 93–100 A, 90–92 A–, 87–89 B+, 83–86 B, 80–82 B–, 77–79 C+, 73–76 C, 70–72 C–, 65–69 D+, 55–64 D, 50–54 D–, 0–49 F.

Make Up Policy: No make up exams will be given except under extraordinary circumstances (a documented serious illness, death in the family or a documented car accident, for example). If such circumstances arise, it's the student's responsibility to contact the instructor by e-mail AS SOON AS POSSIBLE in order to make other arrangements. There will be no make up quizzes given. If you miss a quiz, it will count as a zero and you should count that as the score you drop.

Blackboard: This course is a registered Blackboard course; you should check Blackboard regularly for announcements.

Common Final Exam: The final exam is scheduled for Monday, December 14, from 3:30 PM until 5:30 PM. The room will be announced later. DO NOT MISS IT. Students who miss the final exam and do not make alternative arrangements before the grades are turned in will be graded F.

COW policy: COW stands for Calculus on the Web. To gain access to the COW, you will need to go to <http://www.math.temple.edu>, and click on the COW link found there. Be sure to log in so that you will receive credit. On your first login, you will have to go to the password exchange. You must complete all COW assignments; don't give up on any COW exercise until the COW tells you that the answer is correct. COW assignments come with deadlines. I will grant up to two extensions—no questions asked. A 99% COW score or better gets you 5 points toward the course grade; 95–98% is worth 4 points, 90–94% is worth 3 points, 85–89% 2 points, and 80–84% gets you 1 point.

Any student who has a need for accommodation based on the impact of a disability should contact me privately to discuss the specific situation as soon as possible. Contact Disability Resources and Services at (215) 204-1280, 100 Ritter Annex, to coordinate reasonable accommodations for students with documented disabilities.

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The University has adopted a policy on Student and Faculty Academic Rights and Responsibilities (Policy # 03.70.02) which can be accessed at <http://policies.temple.edu>.

Students will be charged for a course unless a withdrawal form is processed by a registration office of the University by the Drop/Add deadline date given below. For this semester, the crucial dates are as follows:

- The first day of classes is Monday, August 31.
- Labor Day is Monday, September 7.
- The last day to drop/add (tuition refund available) is Monday, September 14.
- Thanksgiving is Thursday, November 26.
- The last day to withdraw (no refund) is Monday, November 2.
- The last day of classes is Wednesday, December 9.

During the first two weeks of the fall or spring semester or summer sessions, students may withdraw from a course with no record of the class appearing on the transcript. In weeks three through nine of the fall or spring semester, or during weeks three and four of summer sessions, the student may withdraw with the advisor's permission. The course will be recorded on the transcript with the instructor's notation of "W," indicating that the student withdrew. After week nine of the fall or spring semester, or week four of summer sessions, students may not withdraw from courses. No student may withdraw from more than five courses during the duration of his/her studies to

earn a bachelor's degree. A student may not withdraw from the same course more than once. *Students who miss the final exam and do not make alternative arrangements before the grades are turned in will be graded F.*

The grade I (an "incomplete") is reserved for extreme circumstances. It is necessary to have completed almost all of the course with a passing average and to file an *incomplete contract* specifying what is left for you to do. To be eligible for an I grade you need a good reason and you should have missed not more than 25% of the first nine weeks of classes. If approved by the Mathematics Department chair and the CST Dean's office, the incomplete contract must include a default grade that will be used in case the I grade is not resolved within 12 months.