

2017 Fall Course Syllabus - Mathematics 1042.003

Course: Mathematics 1042.003.

Course Title: Calculus II.

Time: MWF 8:00-9:10 am.

Place: Wachman 015.

Instructor: William Thomas Worden.

Instructor Office: Wachman 517.

Instructor Email: william.worden@temple.edu

Course Web Page: <http://www.math.temple.edu/~vishik/math1042>

Office Hours: TBA.

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

Textbook: Calculus: Early Transcendentals by James Stewart; 8th Edition, Cengage Learning. IMPORTANT: together with the textbook you need to have access to WebAssign because part of your homework will be assigned there. IF YOU TOOK MATH 1041 IN OR AFTER THE FALL 2015, YOU SHOULD ALREADY HAVE THIS BOOK AND THE WebAssign ACCESS. If it is not the case, you can purchase a standalone WebAssign Instant Access (it is called WebAssign Instant Access for Calculus, Multi-Term Courses, 1st Edition) and use the electronic version of the textbook (eBook). Or you can purchase the Bundle that contains both the paper textbook (loose leaf version) and the WebAssign Printed Access Card for Stewart's Calculus: Early Transcendentals; 8th Edition; Multi-Term. The publisher (Cengage) created a special site for Temple students where you can buy either of these two versions for a discounted price (\$125 for the standalone access and about \$144 for the Bundle): <http://www.cengagebrain.com/course/site.html?id=1984221> You can also buy the Bundle at the Main Campus Temple Bookstore (<http://www.temple.edu/bookstore>), but it will cost \$172. Please DO NOT buy any EARLIER edition of this book. Please also DO NOT buy any used books since they will not let you access WebAssign (the WebAssign codes ARE NOT transferable).

Course Goals: To teach techniques of integration and applications of definite integrals and infinite series.

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

Course Grading: Your course grade will be computed according to the following scheme: Review 1 (WA assignment) - 1%, Review 2 (WA assignment) - 1%, Homework assigned on WA - 4%, Quiz Average - 12%, Exam 1 - 24%, Exam 2 - 24%, Final Exam - 34%.

Exam Dates: We will have two common midterms: Test 1: Tuesday, October 3, from 5:50 PM to 7:20 PM (the room to be announced); Test 2: Tuesday, November 14, from 5:50 PM to 7:20 PM (the room to be announced), and the comprehensive common Final Exam: Thursday, December 14, from 3:30 to 5:30 PM (the room to be announced).

Attendance Policy: Attendance is required. Students who miss 4-6 classes without an excuse will have their grades lowered by one notch (e.g., from B to B-). Those who miss 7-9 classes without an excuse will have their grades lowered by two notches, etc.

Calculator Policy: NO CALCULATORS may be used during the exams and most of the quizzes.

Homework: Homework will be regularly assigned from the textbook and from Additional Homework Problems document and will be the basis for the weekly quizzes. A part of that assigned homework you will do using the WA (WebAssign). It will be graded by the computer. Your result for the WA part of the homework will be counted as 4% of your Course Average.

Quizzes: There will be a 15-20 min. quiz every week (when there is no midterm). Each quiz will consist of 4-5 problems similar to the ones assigned from the textbook. There will be NO MAKE UP QUIZZES. The lowest two scores for the quizzes given before Exam 2, will be dropped.

Review Assignments: You will have two review assignments on WA: Review 1 (on substitution rule, Sections 5.4 and 5.5) will be given on the second week of the semester and Review 2 (on limits) will be given right before we start Chapter 11 on infinite series. The grade for each review assignment will be counted as 1% of your Course Average.

Make Up Policy: There will be NO MAKE UP exams except in the case of a DOCUMENTED EMERGENCY, like an illness or an accident. The documents confirming the emergency (from a hospital or police) must be provided. If you miss an exam, you must contact your instructor AND Professor Boris Datskovsky (Director of Advising and Coordinated Courses) by e-mail right away (the email address of Professor Datskovsky is: bdats@temple.edu). All make ups must be taken within two days of the exam date.

Blackboard/Canvas: This is a registered Canvas course. Please go there regularly to see important announcements and keep track of your current grades.

Common Final Exam: Final exam will be held on Thursday, December 14, from 3:30 PM to 5:30 PM. Please note that if you miss the final exam and do not make alternative arrangements before the grades are turned in, your grade for the course will be F.

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

Services at the CLASS: The CLASS (Center for Learning And Student Success) offers a wide range of services to help students succeed at Temple and beyond. Peer Tutors can assist you with learning the content, and Peer Academic Coaches can help you develop your overall learning and study skills. Check out all that the CLASS has to offer by stopping by its new location at the first floor of Tuttleman Learning Center or checking it out online at www.temple.edu/class.

Exam Security Policy: Under no circumstances is the use of personal electronic devices such as phones, computers, smart watches, etc., allowed during exams. All such items must be stowed away and out of sight for the duration of the exam. Any student found with such a device during an exam will not be allowed to complete the test, will receive a score of ZERO for the test, and will be reported to the Student Code of Conduct Board. In addition, under no circumstances, will students be allowed to bring in any kind of papers for use during the exam. Should a student need extra paper during a test, the proctor will provide it. Any student found using papers that

they themselves brought into the exam will not be allowed to complete the test, will receive a score of ZERO for the test, and will be reported to the Student Code of Conduct Board.

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 [here](#).

Students will be charged for a course unless dropped by the Drop/Add deadline date. Check the [University calendar](#) for exact dates.

During the first two weeks of the fall or spring semester, 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.