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- [Home \(/\)](#)
 - [News \(/news/\)](#)
 - [People \(/people/\)](#)
 - [Events \(/events/\)](#)
 - [Research \(/research/\)](#)
- [Undergraduate \(/ugrad/\)](#)
Courses
(/ugrad/courses)
 - [Course Syllabi](#)
(/ugrad/syllabi)
 - [Graduate \(/grad/\)](#)
COW (/ugrad/cow)
 - [Outreach \(/outreach/\)](#)
Get Your Grade
(/ugrad/get_your_grade)
 - [Resources \(/resources/\)](#)
SAO (/ugrad/sao) Activities ▾

COURSE SYLLABI

Select below to view a syllabus. Click **here** to create or modify a syllabus.

2015 ▾

Spring ▾

1041 ▾

012 ▾

SPRING 2015 COURSE SYLLABUS - MATHEMATICS 1041.012

Course: Mathematics 1041.012.

Course Title: Calculus I.

Time: TR 11:40-13:20.

Place: BARTNB402.

Instructor: Worden, William Thomas.

Instructor Office: Wachman 517.

Instructor Email: william.worden@temple.edu

Instructor Phone: N/A.

Course Web Page: <http://www.math.temple.edu/~vishik/spring15/1041spring15>

Office Hours: MW 1:30-3:00.

Prerequisites: A math placement test score of 9-14-9 or higher, a grade of C or higher in Math 1022 (C074), or transfer credit for Math 1022 (C074).

Textbook: Calculus: Early Transcendentals, by James Stewart; 7th Edition, Brooks Cole. Important: in addition to the printed textbook you need to have access to WebAssign because part of your homework will be assigned there. Note: (1) You can buy the textbook with WebAssign access at the Temple Bookstore (<http://www.temple.edu/bookstore>) for 127.65.(2)Or, you can buy the bundle of the textbook and the multi-term LOE (life of edition) instant access code for 135 by going to the microsite created by the publisher for Temple students at <http://www.cengagebrain.com/course/site.html?id=1-1VUPJG9>. (3) Or, at the same site, <http://www.cengagebrain.com/course/site.html?id=1-1VUPJG9>, you can buy the Enhanced WebAssign, 2 terms (12 months) Instant Access for Calculus, Multi-Term Courses, 1st Edition for \$110 (it does not contain a printed textbook, but lets you access the electronic version of the textbook). Please DO NOT buy any used books since they will not let you access WebAssign (the WebAssign codes ARE NOT transferable).

Course Goals: To learn the concepts and techniques of differential calculus.

Topics Covered: Limits and continuity, differentiation, linear approximation and Taylor polynomials, application of derivatives to optimization and graphing, antiderivatives.

Course Grading: Review Quiz: 2%, Quiz on Derivatives: 2%, Online Homework: 4%, Quizzes/HW: 10%, Test 1: 24%, Test 2: 24%, Comprehensive Final Exam: 34%.

Exam Dates: Test 1 - Tuesday, February 17, (5:50 - 7:20 pm); Test 2 - Tuesday, April 7, (5:50 - 7:20 pm); Final Exam - Thursday, April 30, (3:30 - 5:30 pm). Exam rooms will be announced at least one week in advance of the exam.

Attendance Policy: Attendance is required. Students who miss more than 4 without an excuse will have their grades lowered by one notch (e.g., from B to B-). Those who miss more than 8 will have their grades lowered by two notches, etc.

Final Exam: Final Exam - Thursday, April 30, (3:30 - 5:30 pm). Exam rooms will be announced at least one week in advance of the exam. Important: 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.

Common Review Quiz: Review Quiz will be given in class on the second day of class, Thursday, 01/15. It will be based on precalculus material. Students who perform poorly on Review Quiz may be moved to Math 1022, Precalculus. The score for Review Quiz will count for 2% of your Course Average.

Common Quiz on Derivatives: Quiz on Derivatives will be given in class during the 8th or 9th week of the semester (the exact date will be announced after Test 1). Its result will count for 2% of your Course Average.

Homework: A list of homework problems from the textbook will be distributed; a certain (specified) part of the homework assignments you will need to do on WebAssign.

Quizzes: There will be a 20-25 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 Test 2, will be dropped.

Calculators: NO CALCULATORS will be allowed on any exams or in-class quizzes.

Make Up Policy: Make ups of exams will only be given in cases of DOCUMENTED EMERGENCIES (sickness, car accident, a death in the family, etc.) It is the student's responsibility to contact his/her instructor RIGHT AWAY, preferably by e-mail, in the case of a missed exam. DOCUMENTATION OF EMERGENCY IS REQUIRED. ALL MAKE UPS MUST BE TAKEN WITHIN TWO DAYS OF THE TEST DATE.

Blackboard: This is a registered Blackboard course. Please check Blackboard daily for important announcements.

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.

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. (<http://policies.temple.edu>)

Students will be charged for a course unless dropped by the Drop/Add deadline date given below.

- Spring Begins: Monday January 12, 2015
- Classes Begin: Monday January 12, 2015
- Martin Luther King Day: Monday January 19, 2015
- Course Add/Drop Deadline (tuition refund): Monday January 26, 2015
- Course Withdraw Deadline (no refund): Tuesday March 17, 2015
- Spring Break: Monday-Friday March 2 - March 6, 2015
- Classes End: Monday April 27, 2015
- Study Days: Tuesday-Wednesday April 28 - April 29, 2015
- Exam Week: Thursday-Wednesday April 30 - May 6, 2015
- Honors Ceremonies: Thursday May 7, 2015
- Commencement Ceremonies: Friday May 8, 2015
- Diploma Date: Friday May 8, 2015

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.

Main	People	People	Research
Home (/)	Adjunct Faculty	Emeriti Faculty	Algebra and Number Theory
Events (/events)	(/people/faculty/adjunct)	(/people/faculty/emeritus)	(/research/groups/algebra)
Research	Core Faculty (/people/faculty/core)	Graduate Students	Analysis (/research/groups/analysis)
(/research)	Research Faculty	(/people/students/grad)	Applied Mathematics and Scientific Computation

News (/news)	(/people/faculty/research)	Undergraduate Students	(/research/groups/applied)
Computing	Instructional Faculty	(/people/students/ugrad)	Geometry and Topology
(/resources/computing/)	(/people/faculty/teaching)	Staff (/people/staff)	(/research/groups/geometry)
Syllabi			Probability (/research/groups/probability)
(/resources/syllabi)			

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