

Abbreviated Syllabus

Honors Calculus III (Math 2943.001)

How this course will be taught: in person.

Time: TR 9:50-11:30am.

Place: Wachman 308.

Instructor: Martin Lorenz.

Instructor Office: Wachman 528.

Instructor Email: lorenz@temple.edu

Instructor Phone: Please use e-mail.

Office Hours: TR 3:30-5:00 pm and by appointment.

Prerequisites: A grade of C or higher in Math 1042, Calculus II, or transfer credit for Math 1042.

Course Materials: Textbook: Calculus: Early Transcendentals, by James Stewart; 8th Edition, Cengage Learning.

Course Goals: To teach multivariable calculus in the setting of the plane or three-dimensional space over the real numbers.

Topics Covered: Vectors in two and three dimensions, vector-valued functions, functions of several variables, partial derivatives, multiple integrals, integral calculus of vector fields.

Course Grading: Quizzes: 16%, Test 1: 25%, Test 2: 25%, Comprehensive Final Exam: 34%.

Exam Dates: Test 1 - Wednesday, February 21, 5:30 - 7:00pm; Test 2 - Wednesday, April 10, 5:30 - 7:00 pm; Final Exam - Wednesday, May 1, 3:30 - 5:30 pm. You must set the above times aside for the tests. Tests will not be rescheduled without a legitimate reason.

Attendance Policy: Attendance will be recorded. Students who miss more than 4 classes without a valid excuse will have their grades lowered by one notch (e.g., from B to B-), missing more than 8 classes drops the grade by two notches, etc.

Calculator Policy: No calculator or cheat sheets will be allowed on any exams or quizzes.

Make-Up Policy: There will be no regularly scheduled make-up exams. In the case of a DOCUMENTED EMERGENCY that prevents a student from taking a test as scheduled, the student must contact the instructor, the course coordinator (Dr. Chaudhry at chaudhry@temple.edu), and Director of Advising and Coordinated Courses (Professor Datskovsky at bdats@temple.edu) immediately in order to discuss alternative arrangements.

Homework: A list of homework (HW) problems from the textbook and a list of additional problems will be posted on the Canvas page for this section of 2943. HW will *not* be collected and graded. However, you are strongly encouraged to do the problems on the list; see also “Quizzes” below.

Quizzes: There will be a 20-25 min. quiz every week, generally at the end of class on Thursdays, except when there is a midterm that week. Each quiz will consist of 4-5 problems that are similar to HW assigned from the textbook. There will be absolutely no make-up quizzes, because solutions will be posted after each quiz. Instead, the two lowest quiz scores will be dropped for everybody.

Common Final Exam: Final exam will be held on Wednesday, May 1 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: 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, 0-54 F.

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