

Course Syllabus for MATH 221, Section 501, Fall 2017

General information

- **Instructor:** Dr. Raytcho Lazarov,
- **Office:** Blocker 505D, phone: (786) 202-1878,
- **E-mail:** lazarov@math.tamu.edu
- **Web:** <http://www.math.tamu.edu/~lazarov>
- **Time:** TR 12:45 -- 2:00 pm
- **Classroom:** BLOC 163
- **Office Hours:** TR 11:00 -- 11:50 pm or by appointment
- **Lab:** BLOC 160 W 3:00 pm -- 3:50 pm; TA: Tristan Pace
- **Text:** Calculus: Early Vectors, Eight Edition, by Stewart and Texas A&M Univ. Math. Department.

Course description:

- This is **Several Variables Calculus**, a 4 credit course on
 - Multivariate calculus: Minimum and maximum values, Partial derivatives, Directional derivatives, Gradient, Multiple integration, Surface and line integrals, and
 - Calculus of vector functions of several variables: Vector Fields, Line Integrals, The Fundamental Theorem for Line Integrals, Green's Theorem, Curl and Divergence, Surface Integrals, Stokes' Theorem, The Divergence Theorem.
- Prerequisite for this class is MATH 172 or equivalent.

The Mathematics Department suggests the following tentatively weekly schedules:

- [material covered by sections](#) (recommended by the department)
- [homework assignments](#) (suggested by the lecturer)
- [Help sessions: Monday, Wednesday, and Thursday at 7:30-9:30 PM in BLOC 149](#)

Exam Schedule:

- [Test #1](#), Friday, September 29, 2017, Blocker 149, 6:00 - 8:00 pm
- Here is a [Practice Test 1](#) :
- [Test #2](#), Friday, October 27, 2017, Blocker 149, 6:00 - 8:00 pm
- Here is a [Practice Test 2](#) :
- [Test #3](#), Friday, December 1, 2017, Blocker 149, 6:00 - 8:00 pm
- Here is a [Practice Test 3](#) :
- [Final exam](#), Wednesday, December 13, 2017, Blocker 163, 8:00 - 10:00 am.

Grading Policy:

- Your grade will be determined by three exams, a cumulative final exam, and in class pop up quizzes as follows:

	Quizzes	Exam 1	Exam 2	Exam 3	Final Exam
Weight	10%	20%	20%	20%	30%
Date&Time	Weekly in class	09/29/17	10/27/17	12/1/17	Finals Schedule

- your MINIMUM grade will be A, B, C, or D, for averages of 90%, 80%, 70%, or 60%, respectively.

Make-up policy:

- Make-ups for missed exams will only be allowed for a University approved excuse in writing. In case of a missed exam the student must contact the instructor within one day of the missed exam in order to exercise her/his rights to a make-up exam. There will be **NO** make-ups for the quizzes.

Americans with Disabilities Act (ADA) Policy Statement:

- The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities.
- If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit

Academic Integrity Statement and Policy:

- The Aggie Honor Council Rules and Procedures are on the web of [Aggie Honor System Office](#). The essence of the rules is "An Aggie does not lie, cheat or steal, or tolerate those who do".

Helpful links:

- [Academic Calendar:](#)
- [Final Exam Schedule:](#)
- [On-Line Catalog:](#)
- [Student Rules:](#)
- [Religious Observance:](#)
- [Center for Teaching Excellence:](#)

The URL address of this page is:

- [Math 221, Several Variables Calculus:](http://www.math.tamu.edu/~raytcho.lazarov/math221_2017.html)
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