

Calculus I -- Spring 2017

MTH 229 - Calculus with Analytic Geometry I (CT). An introduction to analytic geometry. Limits, derivatives, and integrals of the elementary functions of one variable, including the transcendental functions. (PR: MTH ACT of 27 or above, or MTH 130 and 122, or MTH 127 and 122, or MTH 132) This course meets a Core I/Critical Thinking requirement.

- Time and Place: 5:00 pm - 5:50 pm MW and 5:00 pm - 6:15 pm TR at 518 Smith Hall.
- Instructor: [Peter Saveliev](#) (call me Peter)
- Office: Smith Hall 713
- Office Hours: MW 2:30 - 5:00, or by appointment
- Office Phone: x4639
- E-mail: saveliev@marshall.edu
- Class Web-Page: math01.com
- Prerequisites: fluency with algebra, good understanding of functions
- Text: [Calculus by Rogawski](#) and Adams, Chapters 2 - 5
- Goals: good understanding of limits, the derivative and the integral, fluent differentiation
- Computer Restrictions: graphic calculator TI-83 or TI-83+
- Activities: the student will practice each outcome via the homework given in the textbook and online.
- Evaluation: the student achievement of each outcome will be assessed via
 - in-class quizzes: taken from the textbook's exercise sets
 - homework: accessed and graded online, provided by Webwork, <http://webwork.marshall.edu/webwork2/S17-Math-229-Saveliev/>
 - in-class tests: based on the textbook's exercises
 - project(s): written applications of calculus in real life
- Grade Breakdown: $TOTAL = .05 \times P + .25 \times (Q+H) + .20 \times FP + .20 \times M + .30 \times F$
 - participation: 5%
 - quizzes and online homework: 25%
 - final project: 20%
 - midterm: 20%
 - final exam: 30%

For other details, see [Course policy](#).