

**MATH 410****Section:** 0401**Instructor:** Dr. Casey T. Cremins

Office: 4105 MTH

Hours: MWF 1-2 pm, TuTh 2-3 pm, or by appointment.

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**SYLLABUS****Room:** 0104 MTH**FALL 2018****MWF:** 12 – 12:50 pm**Text:** *Advanced Calculus, 2<sup>nd</sup> Edition*, by Fitzpatrick**Prerequisites:** MATH 240 and MATH 241 with grade of C- or better, and permission of Department.**Course description:** The course will cover Appendix A and chapters 1 through 9 of the text. The main topics include: sequences and series of numbers, continuity and differentiability of real valued functions of one variable, the Riemann integral, sequences of functions and power series.**Homework:** Homework will be assigned each week, collected and graded.**Assessment:** Your semester grade will be calculated as a percentage of 700 points:

3 exams (100 pts each)

quizzes (100 pts total, lowest score dropped)

homework (100 pts)

comprehensive final exam (200 pts)

**Exam schedule (provisional):**

Exam 1 – Friday, 28 September

Exam 2 – Friday, 26 October

Exam 3 – Friday, 30 November

Final Exam – Monday, 17 December (8-10 am)

Make-up exam policy: Make-up exams will only be given in the case of serious illness, religious observance, family emergency, or participation in a University activity at the written request of University authorities. In all cases, acceptable documentation must be provided BEFORE scheduling a make-up exam. No make-up quizzes will be given.

**Disabilities:** Students requiring special examination conditions will need to register with the office of Disabled Students Services (DSS) in Shoemaker Hall and make appropriate testing arrangements with them.

**Academic integrity:** The University expects all students to adhere to the University Honor Pledge as stated below.

*"I pledge on my honor that I have not given or received any unauthorized assistance on this assignment/ examination."*