

Introduction to Advanced Mathematics  
MATH 290, section 002  
Fall, 2018  
MW 3:00–4:15  
James Buchanan Hall, room D003

Professor J. Lawrence  
Exploratory Hall, room 2<sup>2</sup> × 1051  
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Office hours: After class,  
and by appointment  
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**Course web pages:** <http://math.gmu.edu/~lawrence/m290/m290.htm>

**Text:** *A Transition to Advanced Mathematics*, eighth edition, by Smith, Eggen, and St. Andre; publ. CENGAGE, 2017.

We will cover much of the material from chapters 1–5 of the text. Among the topics will be some logic, some set theory including relations (and functions), and cardinality of finite and infinite sets.

Your grade will be computed as an average, with the following weights. Quiz grade: 20%; first and second tests: 25% each; final exam: 30%.

A <sup>+</sup> : 97-100	B <sup>+</sup> : 87-89	C <sup>+</sup> : 75-79	F : below 60
A : 93-96	B : 83-86	C : 70-74	
A <sup>-</sup> : 90-92	B <sup>-</sup> : 80-82	D : 60-69	

The **final exam** will be Monday, December 17, 1:30–4:15. Tentative dates for the **mid-term tests** are September 26 and November 7.

As a matter of course, students are expected to exhibit integrity and self-respect, and in particular, to adhere to GMU's **Honor Code**. Here is the relevant policy for this class: Your work on tests and quizzes should be your own work, done without collaboration and without the help of any electronic devices.

Contact the **Office of Disability Services** if you are a student with a disability and need academic accommodations. For more information, call ODS at 993-2474, or visit <http://ods.gmu.edu> .

**Math Tutoring Center:** Johnson Center, room 344. Additionally, the math department (Exploratory Hall, room 4400; 703-993-1460) maintains a list of **tutors** for hire. For the list, tutoring center hours, and other resources, check here:

<http://math.gmu.edu/help-with-math.php> .