Math 3325 (Fall 2019): Course Syllabus

Professor William Ott

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Overview. This course is an introduction to rigorous mathematics. I will teach you how to read, develop, and communicate technical arguments.

Literature.

(1) Required textbook
- **(a)** *A Transition to Advanced Mathematics (Seventh Edition)* by Smith, Eggen, and St. Andre

(2) Additional resources
- **(a)** *How to Prove It: A Structured Approach (3rd Edition)* by Velleman

Assignments. You will be given weekly problem sets. Several randomly selected problems from each set will be graded. No late submissions will be accepted. Your lowest problem set score will be dropped when your course grade is computed.

Grading. Your course grade will be based on assignments and exams. The distribution is as follows.

Assignments	25%
Exams 1–3	25% each

Digital interfacing.

(1) Course material such as assignments, reading information, exam material, solutions, and announcements will be available here:

http://www.math.uh.edu/~ott/

(2) Scores on assignments and exams will be accessible via the Blackboard system.

UH CAPS statement. Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to college, or feeling sad and hopeless. You can reach CAPS (https://www.uh.edu/caps/) by calling 713-743-5454 during and after business hours for routine appointments or if you or someone you know is in crisis. No appointment is necessary for the "Let's Talk" program, a drop-in consultation service at convenient locations and hours around campus (http://www.uh.edu/caps/outreach/lets_talk.html).