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**MATH 3300.1 & .2 SYLLABUS**  
**Introduction to Mathematical Thought**  
**Dr. Chapman**  
**Spring 2018**

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OFFICE: LDB 426

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OFFICE HOURS: 10:00–11:30 AM Wednesday and Thursday. I am also available by appointment.

REQUIRED TEXT: *A Transition to Advanced Mathematics, Eighth Edition*, by Smith, Eggen, and St. Andre.

MEETING TIME: Section 1: 12:30–1:50 TTR. Section 2: 2:00–3:20 TTR. Both Sections meet in LDB 219.

COURSE DESCRIPTION: We will (roughly) cover chapters 1 (Mathematical Logic), 2 (Sets and Induction), 3 (Relations and Partitions), 4 (Functions), and 5 (Cardinality) in the Text. Additional topics from the Text may be introduced time allowing.

HOMEWORK: Will be assigned daily but not collected. I will usually begin class by asking students to go to the Board and present solutions to problems.

WEEKLY QUIZZES: A short 20 minute quiz will be administered every Thursday. The quiz will consist of anywhere from 2 to 5 problems (depending on difficulty) based on recent homework assignments. Your quizzes will be graded and a semester quiz average will be computed after dropping your lowest quiz score. **Make up quizzes will not be given without: i) a documented medical excuse or ii) a documented family emergency..**

REGULAR EXAMINATIONS: There will be 2 regular examinations administered on the following dates:

**March 1 and April 19.**

**Make up exams will not be given without: i) a documented medical excuse or ii) a documented family emergency..**

FINAL EXAM: The final exam will be administered the last day of class which is

**May 3rd.**

ATTENDANCE: Attendance will be recorded daily by your initials on a circulated attendance sheet. It is your responsibility to initial this sheet before leaving the room at the end of class. While your attendance is not formally factored into your grade, I will take attendance into account in borderline grade cases.

TARDINESS: I expect students to arrive for class on time. If a student is perpetually late, they will be asked to not attend class unless they arrive on time.

GRADES: Will be computed as follows:

2 in class exams*	= 60 or 70%
Comprehensive final exam	= 40 or 30%

whichever helps the most (\*= I will replace a test grade with your quiz average if it increases your grade). Grades are computed as follows with your average rounded up or down to the closest percent:

A	90 to 100	B	80 to 89	C	70 to 79	D	60 to 69	F	Below 60
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**NOTE: An Average of below 50 on the weekly quizzes, or failure to participate in the presentation of homework solutions in class, will result in a lowering of your Final Grade by one letter.** I strongly enforce the following policy (and make no exceptions): Final course grades are to be communicated to the students by the **Registrar**. Please do not check my office after the final exam for your grade - I will only tell you to check with the Registrar. I will be happy to discuss your grade with you *after* you have received it from the Registrar. For security purposes, I *do not* discuss grades over the telephone or by electronic mail.

GENERAL UNIVERSITY POLICIES: Detailed University Policies, which I strongly enforce, covering *Academic Dishonesty*, *Absence for Religious Holidays*, *Disability Issues* and *Visitors in the Classroom* can be found at

<http://www.shsu.edu/syllabus>

CALCULATORS: The use of scientific calculators or graphing calculators is permitted on homework but not on quizzes or examinations.

**Any questions? Feel free to stop by my office.**