

Transition to Advanced Mathematics

Math 2710 – Spring 2014

Professor Hohn

Lecture: TuTh 2:00–3:15 pm, MSB 307

Textbook: *An Introduction to Mathematical Thinking* by William J. Gilbert and Scott A. Vanstone.

Homework: Homework exercises will be assigned on the [course homework webpage](#) and be collected in class on the date listed. No late homework will be accepted!

A Few Comments Regarding Homework

Genuinely “struggling” with the exercises is an important part of mathematics: do not expect to know immediately how to solve every problem by looking at it. Part of the problem-solving process is trying things until you find something that works.

You should make every effort to complete each assigned homework problem. You may seek help during [office hours](#) with any exercises you have difficulty solving.

A thorough understanding of how to solve the homework exercises is a good first step in preparing for the exams.

Reading: Reading the assigned material in advance of each lecture is expected. This will keep the reading interesting and give the lectures more clarity. Reading the sections of the textbook corresponding to the assigned homework exercises is considered part of the homework assignment. You are responsible for material in the assigned reading *whether or not it is discussed in the lecture*.

Quizzes: A quiz will be given each week covering material from the homework assignments and material taught during the previous week. The top 10 quizzes will count toward your Quizzes grade. No calculators or notes will be allowed during quizzes! **Students will not be allowed to take makeup quizzes.**

Midterm Exams: There will be two midterm exams, tentatively given on February 27 and April 17 during class (see the [course calendar page](#)). No calculators or notes will be allowed during these exams! **Students will not be allowed to take makeup midterm exams.**

Final Examination: The final examination date and time is determined by the university. The preliminary final exam schedule sets our exam on **Tuesday, May 6 at 1:00pm–3:00pm**. The confirmed date and time will be announced in class and on the [class webpage](#) as soon as it becomes available. No calculators or notes will be allowed during the final examination.

Regrades: Midterm exams will be returned approximately one week after the exam. If you wish to have your exam regraded, **you must return it immediately to me**. Regrade requests will not be considered once your exam leaves the room. If you do not retrieve your exam during class, you must arrange to pick it up from me within one week after it was returned in order for any regrade request to be considered.

Grading: Your cumulative average will be based on whichever of the following two weighted averages is better.

Scheme 1	Weight
Homework	25%
Quizzes	10%
Exam 1	20%
Exam 2	20%
Final Exam	25%

Scheme 2	Weight
Homework	25%
Quizzes	10%
~ Best of {Exam 1, Exam 2}	10%
Best of {Exam 1, Exam 2}	20%
Final Exam	35%

Your course grade will be determined by your cumulative average at the end of the term and will be based on the following scale:

A	A-	B+	B	B-	C+	C	C-	D+	D	D -	F
93	90	87	83	80	77	73	70	67	63	60	below 60

Academic Dishonesty: Academic dishonesty is considered a serious offense at UConn. Students caught cheating shall be subject to the sanctions and other remedies described in The Student Code, http://www.community.uconn.edu/student_code_appendixa.html. It is in your best interest to maintain your academic integrity.

Additional Course Information:

Prerequisites: Math 1132, 1152, or consent of instructor.

Catalog Description: A course designed to prepare the serious student for the more theoretical upper division mathematics courses. It includes basic concepts, principles and techniques of mathematical proof. It will also cover concepts commonly assumed in some of the higher mathematics courses; these concepts include sets, set operations, indexed family of sets, equivalence relations and partitions, functions, one-to-one functions, onto functions, induced set functions... This is a required course for most mathematics majors.

Credit Hours: 3 credits