

MATH 375 Applied Modern Algebra, Section 002
TR 2:30-3:45, Armstrong Hall 315

Instructor Tony Se
 E-mail tony.se@mail.wvu.edu
 Office 411A Armstrong Hall
 Office Hours MW 9:30-10:30 am, TR 1:00-2:00 pm, or by appointment

General Course Information

Method of Instruction: Lecture
 Credit Hours: 3
 Course Prerequisites: MATH 156

Course Materials

Textbook

Discrete and Combinatorial Mathematics – An Applied Introduction, 5th edition, by Ralph P. Grimaldi

Calculators

If calculators are allowed on an exam, you may only use a basic or scientific calculator.

Course Outline and Learning Outcomes

We will cover parts of Chapters 2 to 4 of the textbook. The topics include Logic, Set Theory, and Recursion. Depending on our schedule and student interest, we will cover further topics such as Boolean Algebras, Finite State Machines, Coding Theory, Combinatorics, Graph Theory, and so on. After the course, students will be expected to gain a basic understanding of the topics covered in the course.

Attendance Policy

Attendance points will be part of your in-class work. No make-up in-class work will be given, but some of your lowest scores on your in-class work will be dropped at the end of the semester. You are encouraged to come to the office hours or ask other students for class notes if you want to learn the material that you missed while you were absent.

Grading Scale

Breakdown of Points

Two best Midterms (100 points each)	200
In-class work	50
Homework	50
Final Exam	200
Total	500

Conversion between Points and Letter Grade

A 450 B 400 C 350 D 300 F <300

Grading

In this course you will be graded not only on your ability to obtain the correct answer to a problem, but also on your ability to use the problem solving methods taught in this course and your ability to justify your work. A correct answer without supporting work will be given no credit, unless the question states otherwise.

Homework

Some of your lowest homework scores will be dropped at the end of the semester. Late homework is not accepted.

Exams

You will have three midterm exams during the semester. Your lowest midterm score will be dropped. The tentative exams dates are September 17 (Tuesday), October 15 (Tuesday), and November 12 (Tuesday). Your Final Exam cannot be dropped.

If you know in advance that you will miss a midterm exam for a university-excused absence, we will arrange a make-up, but you must notify me at least **one week** in advance. If you miss a midterm exam for any other reason, you will get 0 for the exam. You are reminded that your lowest midterm score will be dropped from grade calculations.

Important Dates

08/21	Wednesday	First day of classes
08/27	Tuesday	Last day to add a course
09/02	Monday	Labor Day
09/17	Tuesday	Exam 1
10/10	Thursday	Fall Break starts
10/14	Monday	Classes resume
10/15	Tuesday	Exam 2
11/12	Tuesday	Exam 3
11/19	Tuesday	Last day to withdraw
11/23	Saturday	Thanksgiving holiday starts
12/02	Monday	Classes resume
12/12	Thursday	Last day of classes
12/20	Friday	Final Examination 8-10 am

Adverse Weather Commitment

In the event of inclement or threatening weather, you should use your best judgment regarding travel to and from campus. Safety should be the main concern. If you cannot get to class because of adverse weather conditions, you should contact me as soon as possible. Similarly, if I am unable to reach our class location, I will notify you of any cancellation or change as soon as possible on eCampus.

Academic Integrity

Students are required to abide by the Math Department Examination Policy (see attached).

The integrity of the classes offered by any academic institution solidifies the foundation of its mission and cannot be sacrificed to expediency, ignorance, or blatant fraud. Therefore, I will enforce rigorous standards of academic integrity in all aspects and assignments of this course. For the detailed policy of West Virginia University regarding the definitions of acts considered to fall under academic dishonesty and possible ensuing sanctions, please see the West Virginia University Academic Catalog at <http://catalog.wvu.edu/undergraduate/coursecredittermsclassification/#academicintegritytext>. Should you have any questions about possibly improper research citations or references, or any other activity that may be interpreted as an attempt at academic dishonesty, please see me before the exam or quiz to discuss the matter.

Sale of Course Materials

All course materials, including lectures, class notes, quizzes, exams, handouts, presentations, and other materials provided to students for this course are protected intellectual property. As such, the unauthorized purchase or sale of these materials may result in disciplinary sanctions under the Campus Student Code.

Inclusivity Statement

The West Virginia University community is committed to creating and fostering a positive learning and working environment based on open communication, mutual respect, and inclusion.

If you are a person with a disability and anticipate needing any type of accommodation in order to participate in this class, please advise me and make appropriate arrangements with the Office of Accessibility Services (293-6700).

For more information on West Virginia University's Diversity, Equity, and Inclusion initiatives, please see <http://diversity.wvu.edu>

Student Evaluation of Instruction

Effective teaching is a primary mission of West Virginia University. Student evaluation of instruction provides the university and the instructor with feedback about your experiences in the course for review and course improvement. Your participation in the evaluation of course instruction is both strongly encouraged and highly valued. Results are strictly confidential, anonymous, and not available to the instructor until after final grades are released by Admissions and Records. Information about how you can complete this evaluation will be provided later.

This syllabus is subject to change. Please see eCampus for the most up-to-date version.

Last updated: September 10, 2019