

Course Syllabus: **Problem Solving and Discrete Math**

College of Science, Mathematics and Engineering

MATH 3004 Section 101

Fall 2020

Contact Information

Instructor: Terry McDonald

Office: 113B Bolin Hall

Office hours: Monday, Wednesday, and Friday, 12:00pm – 1:00pm. Tuesday, and Thursday, 9:30am-10:30am. Appointments for office time are encouraged.

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Course Description

Set theory, mathematical induction, logic, introduction to proofs (this course is designed for students planning to teach grades 4-8 mathematics.)

Textbook & Instructional Materials

Lectures: Monday, Tuesday, Thursday, and Friday, 2:00pm – 2:50pm, in Bolin Hall 209.

Textbook: Discrete Mathematics an Introduction to Mathematical Reasoning, Brief Ed., by Epp.

Textbook: Crossing the River with Dogs Problem Solving for College Students by Johnson, Herr, and Kysh.

Calculator: A calculator is allowed during specified times.

Student Handbook

Academic Misconduct Policy & Procedures

Academic Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct.

Homework

Suggested homework problems will be assigned but not graded.

Quizzes

The material in the homework will be evaluated using quizzes. They will be averaged and count as an equal portion of the final grade.

Exams

There will also be exams and each will count as an equal portion of the final grade.

Grading

Course Grade – The final letter grades will be determined by the following scale:

Table 1: Total percentage points for final grade.

Grade	Percentage Points
A	90 and above
B	80 to 89
C	70 to 79
D	60 to 69
F	Less than 60

Late Work

Make-ups for exams and quizzes will only be allowed for a university approved excuse in writing.

Face Covering and other COVID-19 related policies

Students are required to wear a mask/ face covering while in the classroom. You are expected to screen yourself for COVID-19 symptoms before coming to campus each day. If you are concerned that you have COVID-19 symptoms or have been exposed to COVID-19, self-isolate and follow the instructions given on page 36 of the MSU Texas Task Force Return to Campus document. IT is also important that you email your professor and keep me informed.

Services for Students With Disabilities

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to [Disability Support Services](#).

College Policies

Campus Carry Rules/Policies

Refer to: [Campus Carry Rules and Policies](#)