



## COURSE SYLLABUS

### MA 105, INTRODUCTION TO FINITE MATHEMATICS

\*This information is to be completed by the instructor for the course.

#### I. \*INSTRUCTOR INFORMATION

- A. Name:
- B. Office:
- C. Office Phone Number:
- D. E-mail Address:
- E. Office Hours:

#### II. COURSE INFORMATION

- A. Course name, number and credit hours:  
Introduction to Finite Mathematics, MA 105, 3 credit hours
- B. \*Semester, Section number
- C. \*Class meeting time (days, time location):
- D. Prerequisites: None
- E. Course Description: This course covers introductory topics in finite mathematics. Topics covered include problem solving, sets, probability, and statistics.
- F. Course Objectives: Students should develop skills in analytic thought processes, increase their computational and reasoning skills and learn to apply these skills to the real world. This course also provides the student with necessary mathematical background and skills for the study of finite mathematics.
- G. Course Content: Ratio and proportion, percent, inductive and deductive reasoning, problem solving, sets and set operations, Venn diagrams, probability and expected value, statistical distributions, graphs, measures of central tendency and dispersion, and the normal curve.

#### III. TEXTBOOK AND SOFTWARE

- A. Textbook: *A Survey of Mathematics with Applications*, 9<sup>th</sup> edition, Angel, Abbott, Runde, ISBN 978-032-175-9665

B. Software: None

C. \*Calculator Policy: Students are required to have a scientific calculator.

#### **IV. ACCOMMODATIONS**

In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, the University offers reasonable accommodations to students with eligible documented learning, physical and/or psychological disabilities. Under Title II of the Americans with Disabilities Act (ADA) of 1990, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Amendment Act of 2008, a disability is defined as a physical or mental impairment that substantially limits one or more major life activities as compared to an average person in the population. **It is the responsibility of the student to contact Disability Support Services to initiate the process to develop an accommodation plan.** This accommodation plan will not be applied retroactively. Appropriate, reasonable accommodations will be made to allow each student to meet course requirements, but no fundamental or substantial alteration of academic standards will be made. Students needing assistance should contact Disability Support Services (256-765-4214).

#### **V. ACADEMIC HONESTY POLICY**

Students are expected to be honorable and observe standards of conduct appropriate to a community of scholars. Additionally, students are expected to behave in an ethical manner. Individuals who disregard the core values of truth and honesty bring disrespect to themselves and the University. A university community that allows academic dishonesty will suffer harm to the reputation of students, faculty, and graduates.

Incidents of possible student academic dishonesty will be addressed in accordance with the guidelines found at the following link:

<http://www.una.edu/student-conduct/policies-and-procedures/academic-honesty.html>

#### **VI. ATTENDANCE POLICY**

Regular and punctual daily attendance at all classes is expected of all students. Three days of being tardy will count as one absence. If you must be absent, you are responsible for making up the material covered before the next class meeting. Whenever a student's cumulative absences for any reason – excused or unexcused – exceed the equivalent of three weeks of scheduled classes no credit may be earned for the course. The student will either withdraw from the course or receive an F for the course grade. Any exceptions to this policy will be in accordance with the university policy.

Revised March, 2015

## **VII. \*FINAL EXAM**

Include date, time, and location.

Be sure to state that the final exam is COMPREHENSIVE.

The departmental exam will count 25% of the final grade.

## **VIII. GRADING SCALE**

Grades will be assigned according to the following scale:

A	90% – 100%
B	80% – 89%
C	70% – 79%
D	60% – 69%
F	Below 60%

## **IX. \*GRADING PLAN**

Include information on the number and type of evaluation methods (exams, quizzes, labs, homework, papers, etc.) with point or percentage values for each.

## **X. \*GENERAL COMMENTS BY INSTRUCTOR**