MA 126-02: Calculus II   **Fall 2014**
MTWR 8:00-8:50   **4 Credits**
Mathematics Building Room 4

Instructor: Dr. Lee Raney   **e-mail:** lraney@una.edu
Office: Mathematics Building 126   **Phone:** (256) 765-4125
Office Hours: M-F 10:00-11:00, or by appointment
Course Website: http://www.buildingthepride.com/faculty/lraney/ma126

Course Description: This is the second of three courses in the basic calculus sequence. Topics include techniques of integration, applications of the integral, sequences, series, conic sections, parametric equations, and polar coordinates.

Prerequisite: MA 125 (Calculus I) with a C or above.

Textbook/Software:

- *University Calculus: Early Transcendentals, 2nd Edition* by Hass, Weir, and Thomas.
- MyMathLab (MML) Student Access Kit. *(Note: The textbook is included as an electronic version in your MML subscription. You do not need to purchase the textbook separately unless you want a printed version.)*

Calculators: A simple *scientific* calculator is required. Graphing calculators and calculators capable of symbolic differentiation or integration are not permitted. Cell phones may not be used as calculators.

Grading Scale: Grades will be assigned according to the following scale.
A: 90-100%   B: 80-89%   C: 70-79%   D: 60-69%   E: 0-59%

Grading Plan:

Best 3 out of 4 during-term exams	45%
Quizzes (drop lowest)	20%
Online homework	15%
Final exam	20%
Total	100%

During-Term Exams: There will be four during-term exams. Each exam is graded on a 50-point scale. The exam format is free response. The lowest exam grade is dropped. The dates of the exams are as follows.

- Exam 1: Tuesday, September 16
- Exam 2: Thursday, October 9
- Exam 3: Monday, November 3
- Exam 4: Tuesday, November 25

Quizzes: Several quizzes will be given during the semester. Quizzes may be given either in class or online through MML. All in-class quizzes will be announced at least one class day in advance

and may be given at any time during class. In the event of an online quiz, students will be given at least a 12-hour window in which to complete the quiz. The lowest quiz score is dropped.

Online Homework: Several online homework assignments will be given through the MML system. Students are required to check MML regularly for new assignments. No extensions will be given on homework. Additional supplemental (not to be turned in) homework problems from the textbook will be posted at the course website.

Final Exam: The final examination will be given on *Monday, December 8, 3:15-5:00*, in our classroom. The format of the final exam is free response.

Makeup Policy: Makeups are given only at the discretion of the instructor and on a case-by-case basis. The only exception is a legitimate, documented excuse in accordance with the University's excused absence policy. In the event of a missed assignment, the student should contact the instructor *immediately*. If you anticipate missing an exam or quiz, you must contact the instructor *at least one week in advance*.

E-Mail and Course Website: Students are required to check their University e-mail account regularly, as announcements will often be sent via e-mail. Students must also have access to the course website where additional information will also be posted.

Student Conduct: It is expected that all students will conduct themselves in a professional manner. Students are responsible for keeping track of their own course standing. Students with any questions regarding their course grades should contact the instructor immediately.

Attendance Policy: Regular and punctual attendance is expected of all students. 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.

Extra Help: In addition to the instructor's office hours, additional help is available through the Mathematics Learning Center. Students may schedule a *free* individual session with a Mathematics Consultant at http://www.una.edu/successcenter/mlc.

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.

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 University guidelines.