MIDDLE TENNESSEE STATE UNIVERSITY
DEPARTMENT OF MATHEMATICAL SCIENCES
Math 1730 Pre Calculus Fall 2013
Monday, August 26 – Wednesday, December 4

Section 001  MTWR 08:00-08:55  KOM 224
Section 003  MW 09:10-10:05 and TR 09:40-10:35  KOM 205

Instructor: Dr. J. Angela Hart Murdock  Office Hours:  MW 10:15 -11:15 am and 1:30-2:45pm
Office Phone: 494-8994  T 9 - 9:30 am, 10:45-11:15 am
Office: KOM 260  R 9 - 9:30 am, 10:45-11:15 am, and 1-3:15 pm
E-mail: Julie.Murdock@mtsu.edu  F 1:30-2:45pm
Web site: http://capone.mtsu.edu/amurdock/

Required Text: Precalculus: A Unit Circle Approach. Ratti & McWaters

Online Component: www.mypearsonlab.com  Course ID: murdock66376

Recommended Calculator: TI-83 or TI-84 Plus (You may not use CAS (College Algebra System) calculators, i.e. you may not use TI-89, TI-92, TI-Nspire) Also, you may not use cell phones, PDA’s, etc. in place of a hand-held calculator. You may use TI-Nspire with the appropriate faceplate.

Grading Policy

<table>
<thead>
<tr>
<th>Grade Components</th>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Online Homework (approx. 40 sets)</td>
<td>A</td>
<td>10% of final grade</td>
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<tr>
<td>Notebook Checks (4 x 25)</td>
<td>B</td>
<td>---- 0 % ----</td>
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<tr>
<td>Tests (5 x 100 points)</td>
<td>C</td>
<td>60% of final grade</td>
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<tr>
<td>Quizzes (best 5 quiz grades)</td>
<td>D</td>
<td>10% of final grade</td>
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<tr>
<td>Final Exam</td>
<td>F</td>
<td>20% of final grade</td>
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Make-up Policy: There are no make-up opportunities for quizzes, homework or notebook grades. You may submit homework and notebooks early, but if you are absent for in-class work, you will receive a zero for that assignment. Make-up tests may be approved for tests or the final exam but only for extreme extenuating circumstances beyond the student’s control. If you need to re-schedule a test for a university function, arrangements must be made ahead of time.

Attendance Policy: Regular attendance is expected. A sign in sheet is passed around the room at the beginning of class.

Prerequisites: Working knowledge of high school Algebra II.

Course Purpose: Math 1730 is an integrated course in algebra and trigonometry designed to prepare a student for Calculus I. Emphasis is on understanding functions and their applications.

Course Goals: Upon successful completion of this course, students will:
  a. have acquired a basic understanding of functions geometrically, numerically, and algebraically.
  b. be able to understand and apply rational, trigonometric, exponential, and logarithmic functions
  c. have used functions to aid in the understanding of real-world processes
  d. have used the graphing calculator to aid in problem solving
  e. be adequately prepared for Calculus I

Topics Covered: Course covers selected sections from the Appendix and Chapters 1-6 and selected Appendices.

1.1 – 1.7, 2.1-2.5, 3.1-3.5, 4.1-4.6, 5.1-5.5, 6.1-6.3
**Math Tutoring Lab (MTL):** Tutoring in rooms KOM 204 and 252 is available as a free service to MTSU students. Tutoring is conducted by Graduate Teaching Assistances (GTA’s), work study aids, and a faculty coordinator.

**Drop/Withdrawal Policy:** Please note the Drop Policy and Withdrawal Procedures as they are stated in the Fall 2013 Registration Guide. The last day to drop this course without a grade is Sep 6. The last day to drop this course with a "W" is Oct 29. A grade of "I" will be given only in accordance with University Policy. No grade of "W" will be assigned after the official drop date except in situations involving extreme extenuating circumstances beyond the student’s control. In particular, a "W" will not be granted merely because the student is failing. Students should be aware that missing the official drop date and thereby receiving an “F” can have ramifications on financial aid.

**Lottery Scholarships:** To retain Tennessee Education Lottery Scholarship eligibility, you must earn a cumulative TELS GPA of 2.75 after 24 and 48 attempted hours and a cumulative TELS GPA of 3.0 thereafter. You may qualify with a 2.75 cumulative GPA after 72 attempted hours (and subsequent semesters), if you are enrolled full-time and maintain a semester GPA of at least 3.0. **A grade of C, D, F, or I in this class may negatively impact TELS eligibility.** Dropping a class after 14 days may also impact eligibility; if you withdraw from this class and it results in an enrollment status of less than full time, you may lose eligibility for your lottery scholarship. Lottery recipients are eligible to receive the scholarship for a maximum of five years from the date of initial enrollment, or until a bachelor degree is earned; students who first received the lottery scholarship in Fall 2009 or later will additionally be limited to 120 TELS attempted hours. For additional Lottery rules, please refer to your Lottery Statement of Understanding form via RaiderNet, review lottery requirements on the web at www.mtsu.edu/scholarships/telsconteligibility_scholarships.php, or contact the lottery scholarship staff at lottery@mtsu.edu.

**Disability Assistance:** If you have a disability that may require assistance or accommodation, or you have questions related to any accommodations for testing, note takers, readers, etc., speak with me as soon as possible. Students must also contact the Office of Disabled Students Services (898-2783) with questions about scheduling such services.

**Academic Integrity:** According to the Rights and Responsibility section of the Student Handbook, cheating is defined as intentional use or attempts to use unauthorized materials, information, study aids, or other student work in graded academic exercises. Allegations of cheating will be prosecuted according to university and departmental policies. Verified acts of cheating will result in a zero grade for the work, or possibly an F grade for the course.

**Academic Misconduct:** The instructor shall have primary responsibility for control over all classroom behavior and can direct the temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct which otherwise violates the general rules and regulations of the institution. Students engaged in private conversations, or using electronic communication devices, or asleep during class may be directed by the instructor to leave the classroom.

**Cell Phone/ Electronic Devices:** Cell phones should be silenced before the start of class and put away. If you must take a call or respond to a text, please quietly leave the classroom. Please, refrain from any non-emergency use of cell phones during class time. Headphones and MP3 players (all technology except calculators) should be stored away during class time.

No taping, filming or photography in class without my prior permission (whether by camera, cell phone or other means). These activities are distracting and inhibiting to faculty and other students and may infringe upon privacy or copyright.

**Common Courtesy:** Food and drink are discouraged. Avoid bringing in large meals or food that is noisy when unpackaged or chewed. Please, do not read the newspaper during class. The shuffling of pages can be very distracting.

| Test 1 | Thursday, Sep. 19, 2013 |
| Test 2 | Thursday, Oct. 3, 2013 |
| Test 3 | Thursday, Oct. 24, 2013 |
| Test 4 | Thursday, Nov. 7, 2013 |
| Test 5 | Thursday, Nov. 21, 2013 |
| **Final Exam** | Section 001 Wednesday, December 11, 2013 7:30 - 9:30 a.m. |
| | Section 003 Wednesday, December 11, 2013 10:00-12 noon |