



Math 2413 Calculus

COURSE SYLLABUS: 2016

INSTRUCTOR INFORMATION

Instructor: Aleah Martin, Adjunct Professor

Office Location: Caddo Mills High School

Office Hours: MTH 2:30 - 4

Office Phone: 903-527-3164

Office Fax: 903-527-4772

University Email Address:

Preferred Form of Communication: email

Communication Response Time: 24 hours

COURSE INFORMATION

Textbook(s) Required: Calculus of a Single Variable: Early Transcendental Functions ISBN #978-1-285-77591-3

Course Description

This course examines differential and integral calculus of functions of one variable, as follows. Topics include limits; continuity; derivatives; curve sketching; applications of the derivative; the definite integral; derivatives and integrals of trigonometric functions; and the use of computer technology.

Student Learning Outcomes (Should be measurable; observable)

1. Understand the definition of the derivative and how to formulas for finding derivatives evolve.
2. Be able to apply the derivative to the solutions of applied problems.
3. Be able to comprehend the definition of the integral and begin to solve some beginning integration problems.

The syllabus/schedule are subject to change.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Using the TI-84 graphing calculator or similar. TI-89 calculators will not be allowed.

Instructional Methods

Instruction will include lectures, demonstration and models, and some group work, based on time available.

Student Responsibilities or Tips for Success in the Course

Students are expected to be in class on time. Students are expected to complete all homework assignments and participate in class.

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

This course Grades Consist of:

Homework/Quizzes – 20%

Tests – 60%

Final Exam – 20%

Assessments

Assessment problems will be similar to those given through homework assignments and throughout the lesson. If you understand how to do those problems, you will be successful on the assessments.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

You are expected to be on time and in class regularly. In the event that you miss a class, you are responsible for getting the missed lesson and assignment. If you miss a quiz or test, you are responsible for setting up a time to take the test or quiz within two class days.

The syllabus/schedule are subject to change.

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/admissions/registrar/documents/studentGuidebook.pdf>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: [Netiquette](#)

<http://www.albion.com/netiquette/corerules.html>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

[Graduate Student Academic Dishonesty 13.99.99.R0.10](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

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ADA Statement

Students with Disabilities

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library- Room 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: Rebecca.Tuerk@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

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Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

COURSE OUTLINE / CALENDAR

Current semester by specific dates

Week of 8/22 – Review exponential and logarithmic functions, 2.1, 2.2

Week of 8/29 – 2.3, 2.4

Week of 9/5 – 2.5, Chapter 2 Test

Week of 9/12 – 3.1, 3.2

Week of 9/19 – 3.3, 3.4

Week of 9/26 – 3.5, 3.6 (no inverse trig), Review

Week of 10/3 – Exam 3, 3.7, 3.8

Week of 10/10 – 4.1, 4.2

Week of 10/17 – 4.3, 4.4, 4.5

Week of 10/24 – 3.6, Chapter 4 Test

Week of 10/31 – 4.7, 4.8, 5.1

Week of 11/7 – 5.2, 5.3

Week of 11/14 – 5.4, 5.5

Week of 11/21 – Thanksgiving Break

Week of 11/28 – 5.7, Review, Chapter 5 Test

Week of 12/5 – Semester Exam Review

Week of 12/12 – Semester Exam

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