

MATH 2630-100/120 — Calculus III — Spring 2015

Instructor Information:

Name:	Mr. Steven Clontz
Office:	Parker 140F
Office Hours:	To be scheduled
Office Phone:	N/A
Email:	steven.clontz@auburn.edu

Course Information:

Room:	Parker 326 / Parker 362
Lecture Times:	MWF 1000-1050 / 1200-1250 R 0930-1020 / 1100-1150
Final Exam	Wed 2015-05-06 0800-1030 /
Date/Time:	Tues 2015-05-05 1200-1430
Credit Hours:	4
Text:	Instructor's notes

Course Description:

Multivariate calculus topics covered include: vector-valued functions, partial derivatives, multiple integration, vector calculus.

(See also: <http://bulletin.auburn.edu/coursesofinstruction/math/>)

Grading:

Grades for each student in this course are out of 1000 points, with letter grades assigned as displayed on the chart below. Up to 500 points may be earned through both group and individual work throughout the semester. An individual final exam will be held at the end of the semester which is worth 1000 points minus whatever has already been earned.

Grade Distribution

Diagnostic Exam*	50
Attendance	50
Packet/Test 1	100
Packet/Test 2	100
Packet/Test 3	100
Packet/Test 4	100
Final	1000 - (pts earned)
Total	1000

Assignment of Letter Grades

Grade	Points	Percentage
A	900-1000	90% - 100%
B	800-899	80% - 89%
C	700-799	70% - 79%
D	650-699	65% - 69%
F	0-649	0% - 64%

Makeup Policy:

Arrangements to make up missed exams due to excused absences must be initiated by the student within one week from the end of the excused absence. Group work may not be able to be made up, in which case it will be replaced with comparable individual work. Details on Auburn University's make up policy, including a list of types of absences that are excused, may be found at

<https://sites.auburn.edu/admin/universitypolicies/Policies/PolicyonClassAttendance.pdf>

Americans with Disabilities Act (ADA):

Students who need accommodations are asked to electronically submit their approved accommodations through AU Access and to arrange a meeting during office hours the first week of classes, or as soon as possible if accommodations are needed immediately. If you have not established accommodations through the Office of Accessibility, but need accommodations, make an appointment with the Office of Accessibility, 1228 Haley Center, 844-2096.

Academic Honesty:

All portions of the Auburn University student academic honesty code (Title XII)

<https://sites.auburn.edu/admin/universitypolicies/Policies/AcademicHonestyCode.pdf>

will apply to this class. All academic honesty violations or alleged violations of the SGA Code of Laws will be reported to the Office of the Provost, which will then refer the case to the Academic Honesty Committee.

Tiger Cards may be checked before any assignment is accepted.

Contingency Plan:

If normal class and/or lab activities are disrupted due to illness, emergency, or crisis situation, the syllabus and other course plans and assignments may be modified to allow completion of the course. If this occurs, an addendum to your syllabus and/or course assignments will replace the original materials.

Diagnostic Exam:

The diagnostic exam will be written by stripping away Calculus III material from a Calculus III final exam, leaving material from Precalculus (including trigonometry) and Calculus I and II. Students making below a 70% will be given two opportunities to retake a similar exam twice before midsemester (for a maximum of 70% credit). ***Since knowledge of this material is critical for success in Calculus III, a score of 70% or higher on the diagnostic exam is required to pass this course; all students with a score below 70% will automatically receive an F for the course.**

Open Everything Policy:

Textbooks, the internet, calculators, etc. are allowed to be used during class time and all assessments (except for the diagnostic exam). Two caveats: no “live” communications with other people are allowed, and you must show all work supporting material introduced in Calculus III to receive credit.

Study Groups:

Each class will be divided into several Study Groups. Each study group will work together on the course material, with some grades shared between all members of each particular group (see below). In addition, each study group is responsible for organizing a 60-minute Study Session outside of regular class time. The instructor will join for roughly 30 minutes of this session each week to function as office hours. Study Groups and Study Sessions will be coordinated by the instructor with the input of the class, and may change over the course of the semester.

Attendance:

Attendance is calculated as 50 points. One point is subtracted for each unexcused absence, including absences from Study Sessions.

Test/Package Grades: The Test/Package grades total to 100 points each. This grade is split into four categories: Packet (20), Individual Test (30), Group Test (30), and Teamwork (20).

Packets:

In lieu of a textbook, four packets of definitions, theorems, examples, and problems will be provided. Each Study Group is responsible for typesetting solutions to the given problems in L^AT_EX to turn in before the corresponding test. Some problems will be fully graded with partial credit, but others will just be checked for completion.

Individual Test:

Each test begins with a 40 minute individual portion. All students will work individually to complete their test, showing full work. All questions will be fully graded with partial credit.

Group Test:

Immediately following the individual test, an identical test will be given for another 40 minutes, but members of each Study Group may now collaborate with each other. However, solutions must still be written individually and turned in separately.

Teamwork:

The instructor will assign each student credit for teamwork demonstrated since the previous test, based on his best judgement.

Final Exam:

The Final Exam will be based on material from the four Tests/Packets. It will be similar in structure to the previous Tests; however, there will not be a group portion.

Online materials:

Much of the content for this course, as well as all grades, will be posted online, either to Canvas or via a link from Canvas. To access Canvas, visit <http://auburn.instructure.com/>.

Please refer to the Student Policy eHandbook

http://www.auburn.edu/student_info/student_policies/

for more information - for example, what to do if you have three or more finals scheduled on one day.

Last updated on January 11, 2015