V A N D E R B I L T   U N I V E R S I T Y
Department of Mathematics
Math 1200 – Calculus

Section: 10   Room: SC 1308   Time: 1:10pm – 2:00pm

Fall 2015
3 hours credit

Instructor: Matthew Moore   E-mail: matthew.moore@vanderbilt.edu
Office: SC 1224   Office Hours: MWF noon – 1:00pm

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Office: SC 1227E   Office Hours: MW noon – 1:00pm

Text: <u>Calculus: Early Transcendentals</u>, 2nd edition, by Briggs, Cochran, and Gillett

Prerequisite and Description: Math 1200 is the first semester calculus offering 3 hours credit. Topics included are functions, limits, differentiation of algebraic and trigonometric functions, and applications of differentiation. There will be a brief review of algebra and trigonometry, but an adequate background in algebra and trigonometry is required for this course.

Website: http://www.math.vanderbilt.edu/~moorm10/calc1/

Review materials: A review of essential algebra and trigonometry topics can be found at http://www.math.vanderbilt.edu/~pscrooke/calculus/AT.pdf.

Calculators: Calculators will not be used in this course.

Classroom Policy: Students are not allowed to use electronic equipment such as cell phones, music players, or computers during class. Texting during class is not acceptable. Students engaged in disruptive behavior will be asked to leave the classroom.

Honor Code: All work submitted for credit must be the student's own and is subject to the provisions of the Vanderbilt Honor Code. Details can be found at the Honor Council web site (http://studentorgs.vanderbilt.edu/HonorCouncil/).

Accommodation Procedure: A student who needs course accommodations due to a disability, special arrangements in case the building must be evacuated, or has emergency medical information that needs to be shared with the instructor, should contact the instructor as soon as possible. **Equal Opportunity, Affirmative Action, and Disability Services** (EAD, 2-4705 or http://www.vanderbilt.edu/ead) at Vanderbilt provides specific accommodations for students with physical or learning disabilities. Upon receiving appropriate documentation from the student, the EAD will make arrangements with the instructor for the lecture accommodations. Students who need special accommodations for exams must (1) obtain a letter from EAD and (2) submit a Request for Change in Exam Time Form to their instructor at least 1 week prior to the exam. A copy of the letter from EAD must be attached to the Request for Change in Exam Time Form.

Complaint Procedure: If at any time during the semester the student wishes to discuss class procedure, schedule, grades, or any class situation, contact the instructor during regularly scheduled office hours or via email. Both office hours and email address are given above. Any complaint that cannot be resolved directly with the instructor should be referred to the Director of Undergraduate Studies (John Rafter in SC1332) or the Assistant Director of Undergraduate Studies (Jakayla Robbins in SC 1232A).

Attendance: The student who misses a class meeting is responsible for any assignments and/or announcements made. Office hours will not be utilized to re-teach material presented in class. The stated attendance policy of the College of Arts and Science applies in this course:

Students are expected to attend all scheduled meetings of classes in which they are enrolled; they have an obligation to contribute to the academic performance of all students by full participation in the work of each class. … The faculty of the College of Arts and Science recognizes that occasions arise during the academic

year that merit the excused absence of a student from a scheduled class or laboratory during which an examination, quiz, or other graded exercise is given. Examples include participation in sponsored university activities (e.g., debate team, varsity sports), observance of officially designated religious holidays, serious personal problems (e.g., serious illness, death of a member of the student's family), and matters relating to the student's academic training (e.g., graduate or professional school interviews). Conflicts arising from personal travel plans or social obligations do not qualify as excused absences.

Homework: Daily homework assignments are listed on the schedule and should be completed prior to the next class. Each student should keep all completed assignments in a notebook and bring this notebook to class.

Homework Help: Individual instructors and TAs have regularly scheduled office hours to answer student questions outside of class. The Department of Mathematics also sponsors drop-in tutored study halls in the math building that will start during the second week of classes. The Tutoring Services Office of the College of Arts and Science offers free individual tutoring and other related services. Information can be found on their web site at http://www.vanderbilt.edu/cas/supportservices/tutoringservices/index.php.

Discussion Sessions: TAs will conduct the recitation hour for this course on Tuesdays, 12:10pm-1:00pm (section 11) or Tuesday 1:10pm-2:00pm (section 12). Sessions will involve answering questions over homework problems, quizzes, or tests, completing worksheets, and covering even problems. Attendance will be taken each recitation session and 1 extra credit point will be given each week for attendance and participation.

Quizzes/Graded Homework: All homework assignments will be collected the Monday **after** they are assigned. A subset of the assigned problems will be graded, and a portion of the grade will be for completion of all assigned problems. Problems will be graded based on both the clarity and the correctness of the solution. Your lowest two homework scores will be dropped. There will be a short quiz at the start of class every Friday that will cover material learned in the previous week. Your lowest two quiz scores will be dropped.

Tests: Four 100-point unit tests will be given during the semester. The date of these exams is posted on the course schedule. All work must be written on the test pages. Work done on scratch paper will not be graded.

Attendance on these dates is compulsory; otherwise, a grade of zero will be recorded. Any student who has an excused, documented conflict with a test time must submit a Request for Change in Exam Time Form to the instructor **at least one week prior to the test date**. Late requests will either be denied or will result in an automatic deduction from the exam score. Under no circumstances will a test be given on an alternate date. If a test is missed with an excused absence, the final exam percentage will be substituted for the missed test. If a student misses two or more tests with an excused absence, the make ups will be handled on a case by case basis. Students who do not miss any tests with excused absences will be allowed to replace their lowest test score with the average of that test and the final exam percentage if it is to their advantage.

Final Examination: A 150-point comprehensive final examination will be given on Monday, 14 December 2015 from 7-9pm. No alternate exam will be given.

Test Dates: All unit tests will be given on Thursday nights from 7:00 – 8:15pm. Test dates are given on the schedule.

Grading Procedure: Each student will have the following six grades. The total number of possible points for the semester is 700, with a possibility of 14 extra credit points (from recitation sessions).

Homework	100
Quizzes	50
Test 1	100
Test 2	100
Test 3	100
Test 4	100
Final Exam	150
Total	**700**

Letter grades will be based on a general 10-point scale, where 90-100 guarantees a grade in the A range, 80-89 B range, 70-79 C range, 60-69 D range, with plus or minus grades assigned as appropriate.

Grading Questions: *Questions concerning the grading of a unit test must be written on the back of the test and presented to the instructor at the end of class on the day the test is returned.*