MATH 1634 – Calculus 1 Sec #01
Summer 2020 - Hours Credit: 4 hours
Prerequisites: MATH 1112 or MATH 1113 or equivalent

Instructor: Brian Brodsky
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Office Hours: By appointment: 10:00 am – 4:00 pm: Monday – Thursday
https://bbrodsky.youcanbook.me/

REQUIRED COURSE MATERIALS


Courses Description:
The first of a three-course sequence in calculus. Limits, applications of derivatives to problems in geometry and the sciences (physical and behavioral). Problems which lead to antiderivatives.

Learning Outcomes:

1. The student will be able to compute limits
2. The student will be able to compute derivatives of polynomial, rational, exponential, logarithmic, and trigonometric functions
3. The student will be able to apply calculus to related rate, maximum-minimum, and curve sketching problems
4. The student will understand the definition of the indefinite and definite integral
5. The student will understand and be able to apply the Fundamental Theorem of Calculus
6. The student will be able to compute definite integrals using the techniques of integration by inspection and integration by substitution.

COURSE ASSESSMENT

Unit-Exams: In addition to the midterm and final exam, there will be four unit-exams. Please see the attached course schedule for the dates of these exams. If an exam is missed for any reason, the student will receive a grade of 0 for the missed exam. Submissions past their scheduled deadline or submitted outside of their assigned submission area will not be accepted for any reason. However, to minimize the amount a hardship adversely affects a student’s grade, the lowest unit exam score for each student will be dropped.
Online Homework: There will be homework sets for each lesson to be completed throughout the semester on MyOpenMath.com. Students will not be allowed to submit any work on the problem sets past their scheduled deadline. However, to minimize the amount a hardship adversely affects a student’s grade, 10 percentage points will be added to your final homework grade.

MyOpenMath.com Course ID: 72171
Enrollment Key: Brodsky

Midterm Exam: There will be no make-up Midterm Exam. Students needing accommodations for the midterm exam must notify the instructor at least one week prior to the scheduled exam date.

Final Exam: There will be no make-up Final Exam. Students needing accommodations for the final exam must notify the instructor at least one week prior to the scheduled exam date.

ASSESSMENT GRADING:

Grade Composition:
• 40%: Four Unit Exams
• 15%: Online Homework
• 20%: Midterm Exam
• 25%: Final Exam
• $A \geq 90 > B \geq 80 > C \geq 70 > D \geq 60 > F$

OTHER COURSE INFORMATION

Extra Credit Opportunity: Students may earn up to 10 bonus points to each of their unit-exams scores by participating in the extra credit discussion area for each unit found on CourseDen. This extra credit will be the only extra credit opportunity in the course.

CourseDen: Course materials will be posted on CourseDen. Please check CourseDen often for updates. You may log in to CourseDen at www.westga.edu.

Mathematics Tutoring Center: The Mathematics Tutoring Center (MTC) is operating virtually this semester and will be accessible through your CourseDen homepage.

COURSE POLICIES AND INFORMATION

University Policies and Academic Support
Please carefully review the following Common Language for all university course syllabi at the link:

https://www.westga.edu/UWGSyllabusPolicies/

It contains important material pertaining to university policies and responsibilities. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.
**Academic Honesty**
You are expected to achieve and maintain the highest standards of academic honesty and excellence as described in the Undergraduate Catalog. In short, be responsible and do your own work.
Definitions of academic dishonesty are defined in the student handbook: [www.westga.edu/handbook](http://www.westga.edu/handbook)

**Disabilities Act/Accessibility for the Course**
If you are a student whom is disabled as defined under the Americans with Disabilities Act and require assistance or support services, please notify me and provide me with a copy of your packet from Student Services. The university will provide you with resources for any audio/visual needs that you may have with the learning management system or course content. Please contact UWG Accessibility Services for more information.

**Student Conduct**
Students are expected to abide by the guidelines detailed in the university catalog. Respect and courtesy are required of all students while in the classroom.

**Fairness Policy**
Striving to be as fair and just as possible when working with others is a challenging task. What one may perceive as fairness, another may perceive as an injustice. The fairness policy of this course will be guided by the following principle: *Everyone should be allowed the same opportunities, and everyone should be held to the same obligations.* Here are a couple relevant examples of this policy and principle in practice:

- A single student is not allowed extra time to submit their exam/assignment. Or in other words, a single student is not allowed to have more time/opportunity than their peers.
- A single student is not required to complete an obligation that their peers were not asked to complete.

**COURSE SCHEDULE**

- June 1st: Start of Class
- June 12th at 7:00 am: Unit 1 Homework Due (L1 – L7)
- June 12th at 7:00 am: Unit 1 Exam Available
- June 13th at 7:00 am: Unit 1 Exam Due
- June 22nd at 7:00 am: Unit 2 Homework Due (L8 – L15)
- June 22nd at 7:00 am: Unit 2 Exam Available
- June 23rd at 7:00 am: Unit 2 Exam Due
- June 23rd 7:00 am – June 24th 7:00 am: Timed Midterm Exam must be completed
- June 24th: Last day to withdraw from the course to receive W grade
- July 9th at 7:00 am: Unit 3 Homework Due (L16 – L21)
- July 9th at 7:00 am: Unit 3 Exam Available
- July 10th at 7:00 am: Unit 3 Exam Due
- July 21st at 7:00 am: Unit 4 Homework Due (L22 – L27)
- July 21st at 7:00 am: Unit 4 Exam Available
- July 22nd at 7:00 am: Unit 4 Exam Due
- July 22nd 7:00 am - July 23rd 7:00am: Timed Final Exam must be completed