MATH 1634-03 – Calculus I

Hours Credit: 4 hours
Prerequisites: MATH 1113 or equivalent

COURSE INSTRUCTOR
Instructor: Dr. Elham Sohrabi
Office: Library room #311
Email: esohrabi@westga.edu
Phone: 678-839-3941

Class time & place: MW 9:30am-10:45am, BOYD 303, Fridays 9:55 am-10:45am
Anthropology building 12

OFFICE HOURS: MW 11:00am-12:00pm & 3:30pm-5:00pm in my office or by appointment

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
Students’ mastery of course learning outcomes will be assessed using the following methods:

1. MIDTERM EXAMS: You will be given 4 in-class exams during the semester. Each exam will be worth 100 points. Midterm exams will be given at the regular class time. Actual exam dates will be announced at least a week earlier.
2. FINAL EXAM: Students will have a comprehensive final exam. Students are required to take the final exam on their scheduled day. Missing the Final Exam will result in an automatic F grade regardless of your performance during the semester.
3. **Homework:** Homework will be given but not assigned for a grade. Homework is for practice only but is very important in retaining information. Problems will be selected from the textbook.

4. **Quizzes:** There will be weekly quizzes (around 25 quizzes all together). The average of your quiz grades will count 15% towards your overall grade. For each of our topics in the course, students will be asked to complete online quizzes after the related class. The quiz may be accessed for free by creating an account via your westga email address at: www.myopenmath.com

   *Course ID: 29570*
   *Enrollment Key: Calc*

5. **No makeups:** There will be NO make-up Midterm exams unless there is an exigent circumstance (which needs to be documented). In case you miss a midterm exam for some emergency you need to provide documentation (for example, a Doctor’s note), then a missed midterm exam will not be counted when computing your course grade. A student cannot miss more than one midterm exam for any reason whatsoever. His/her grade for the 2nd missed exam will be zero. Thus, there is NO make-up Quiz, Test, or Final Exam.

6. There is no extra credit in this course.

**ASSESSMENT GRADING:**

| EXAMS: | 60% (15% each) |
| QUZZES: | 15% |
| FINAL EXAM: | 25% |

**Grading Scale:**

- 90% - 100%: A
- 80% - 89%: B
- 70% - 79%: C
- 60% - 69%: D
- <60%: F

**CourseDen:**

Course materials will be posted on CourseDen. Please check CourseDen often for updates. You may log in to CourseDen at www.westga.edu. If you are having problems logging into CourseDen, please go to http://uwgonline.westga.edu/students.php or call 678-839-6248

**Academic Honesty Policy:**

- At the University of West Georgia we believe that academic and personal integrity are based upon honesty, trust, fairness, respect and responsibility. Students at West Georgia assume responsibility for upholding the honor code. West Georgia students pledge to refrain from engaging in acts that do not maintain academic and personal integrity. These include, but are not limited to, plagiarism, cheating, fabrication, aid of academic dishonesty, lying, bribery or threats, and stealing.
• You are responsible for the safeguarding of your computer account. Your account and network connection are for your individual use. A computer account is to be used only by the person to whom it has been issued. You are responsible for all actions originating through your account or network connection. You must not impersonate others or misrepresent or conceal your identity in electronic messages and actions.

American with Disabilities Act:
If you are a student who is disabled as defined under the Americans with Disabilities Act and require assistance or support services, The Office of Disability Services will help you understand your rights and responsibilities under the Americans with Disabilities Act and provide you further assistance with requesting and arranging accommodations. If you need course adaptations or accommodations because of a disability or chronic illness, or if you need to make special arrangements in case the building must be evacuated, please notify your instructor using the course email system within five business days after the beginning of the course and attach a PDF copy of your Student Accommodations Report (SAR) which is available only from the Office of Disability Services. Accommodation requests require appropriate notice and paperwork.

Academic Grievances:
Any student who believes that he or she has been discriminated against because of race, creed, color, sex, sexual orientation, national origin, religion, age, veteran status, or handicapped status should visit Appendix D in the Student Handbook to find the steps needed to be taken to file a claim. This can be found at http://www.westga.edu/handbook/doc/SH-current.pdf.

Student Rights and Responsibilities:
Please carefully review the information at the following link: http://www.westga.edu/assetsDept/vpaa/Common Language for Course Syllabi.pdf. The document at this link contains important information pertaining to your rights and responsibilities in this class. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

Additional information:
• Information Technology Services Helpdesk at 678-839-6587 http://www.westga.edu/its/index 5035.php
• Distance Learning Student Guide 678-839-6248 http://www.westga.edu/distance/dist ancestudents/
• https://www.westga.edu/UWGSyllabusPolicies

IMPORTANT NOTE
I reserve the right to modify this syllabus at any time during the course of the term. If such a modification is substantial, I will reissue a revised syllabus and announce the change in class.
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