

Syllabus
MATH 2644-01
Calculus II
Fall 2019

Instructor: Dr. N. S. Hoang

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Office: Boyd 324

Office phone: 678-839-5336.

Office hours: TR: 8:55 am – 9:25 am; 10:50 am – 12:20 pm

F: 8:50 am – 9:50 am; 11:00 am – 12:00 pm

Class meeting time: TR: 12:30 pm - 01:45 pm

Class room: Paffrd 305

F: 12:05 pm - 12:55 pm

Class room: Paffrd 204.

Prerequisites: MATH 1634 or MAT 262 or MATH 1501 (Minimum Grade: C).

Text: *James Stewart, Single Variable Calculus: Early Transcendentals, Vol 2, 7th ed, Brooks/Cole, Belmont, CA, 2012. ISBN: 978-0538498708 OR James Stewart, Calculus: Early Transcendentals, 7th ed, Brooks/Cole, Belmont, CA, 2012. ISBN-13: 978-0538497909.*

Grading: Grades are based on a total of 700 pts given as follows

Total	Homework	Quizzes	Exam 1	Exam 2	Exam 3	Final Exam
700 pts	100 pts	100 pts	100 pts	100 pts	100 pts	200 pts

Grading scale: A: 90–100%; B:80–89%; C:70–79%; D:60–69%; F:0–59%.

Exams: There are three midterm exams, given during the regular lecture time. The dates for midterm exams are Sep 3rd, Oct 1st, and Nov 5th. Final exam is scheduled on Thursday, Dec 12, 11:00-1:00 pm and is a comprehensive exam.

Use of calculators: No calculator is allowed during exams.

Homework: A list of homework assignments of each week will be provided.

Quizzes: There are quizzes which are worth 10 pts each.

Attendance: Attendance will be recorded every class. You are not allowed to come to class late or to leave early. Students are responsible for any and all materials and announcements they may have missed during their absence.

Common Language for Course Syllabi: Students, please carefully review the following information at the link <http://tinyurl.com/UWGSyllabusPolicies>. It contains important material 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.

Withdrawal Policy: The last day for an automatic W withdrawal is: September 9th. For more information about withdrawal policy, please read the information at the link

http://www.westga.edu/advising/index_5310.php

Make-Up Work: There are NO make-up grades for ANY reason. Students having an unexcused absence on the day of a graded assignment will receive a grade of zero for that assignment. Students having an excused absence on the day of a test will have their test average entered for the missed grade. Absences must be excused before they occur except in extraordinary cases, such as active military duty, jury duty, or hospitalization. Being sick, short of being hospitalized, is not an excuse. If you anticipate being absent from class for a religious holiday, it is your responsibility to notify me in advance.

Other Policies: Usage of cellphones and other electronic devices is not allowed during class lectures.

Learning Outcomes: The student will be able:

- Use integration methods including integration by parts, partial fractions, trigonometric substitutions.
- Use washers and shells to compute volume and surface areas of solids of revolution.
- Use Simpson’s rule to approximate definite integrals.
- Evaluate improper integrals.
- Use integrals to solve nonuniform work and hydrostatic force problems.
- Convert and sketch parametric and polar curves.
- Determine areas and arc lengths determined by parametric and polar curves.
- Classify sequences and determined their limits.
- Determine the convergence or divergence of series.
- Construct the power series representation of a function.