

**Syllabus**  
**MATH 1413-05**  
**Survey of Calculus**  
Spring 2018

**Instructor:** Dr. N. S. Hoang

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Office: Boyd 324

Office phone: 678-839-5336.

Office hours: 8:45 am – 9:50 am; 12:55 pm – 1:30 pm.

**Class meeting time:** MWF: 09:55 am - 10:45 am.

**Class room:** Boyd 305.

**Text:** *Bittinger, Marvin L., David J. Ellenbogen and Scott A. Sargent, Calculus and Its Applications, 11th ed., Pearson Ed., 2016; ISBN 0-321-97939-1.* The text of this book is available online with your paid subscription to MyMathlab.

**Required Equipment:** An access code to MyMathlab website is required for this course.

**MyMathlab course ID:** hoang33175

**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 on Feb 05, Mar 05, and Apr 9. Final exam is scheduled on Wednesday, May 2, 8:00 AM – 10:00 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 5 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: Feb 28. For more information about withdrawal policy, please read the information at the link

[http://www.westga.edu/advising/index\\_5310.php](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:

- The student will be able to compute limits.
- The student will be able to differentiate polynomial, rational, exponential, and logarithmic functions.
- The student will be able to apply differential calculus to problems from business, economics, and life science.
- The student will be able to integrate polynomial, rational, exponential, and logarithmic functions and to apply the Fundamental Theorem of Calculus.
- The student will be able to apply integral calculus to problems from business, economics, and life science.
- The student will understand the basic techniques of integration.

## TENTATIVE SCHEDULE

Week	Day	Date	Section
1	Mon	Jan 8	R.1
	Wed	Jan 10	R.2
	Fri	Jan 12	R.3
2	Mon	Jan 15	NO CLASS
	Wed	Jan 17	R.4
	Fri	Jan 19	1.1
3	Mon	Jan 22	1.2
	Wed	Jan 24	1.3
	Fri	Jan 26	1.4
4	Mon	Jan 29	1.5
	Wed	Jan 31	1.5
	Fri	Feb 2	REVIEW
5	Mon	Feb 5	TEST 1
	Wed	Feb 7	1.6
	Fri	Feb 9	1.7
6	Mon	Feb 12	1.7
	Wed	Feb 14	1.8
	Fri	Feb 16	2.1
7	Mon	Feb 19	2.2
	Wed	Feb 21	2.2
	Fri	Feb 23	2.3
8	Mon	Feb 26	2.4
	Wed	Feb 28	2.5
	Fri	Mar 2	REVIEW
9	Mon	Mar 5	TEST 2
	Wed	Mar 7	2.6
	Fri	Mar 9	2.7
10	Mon	Mar 12	2.7
	Wed	Mar 14	3.1
	Fri	Mar 16	3.2
11	Mon	Mar 19	SPRING BREAK-NO CLASS
	Wed	Mar 21	SPRING BREAK-NO CLASS
	Fri	Mar 23	SPRING BREAK-NO CLASS
12	Mon	Mar 26	3.3
	Wed	Mar 28	3.4
	Fri	Mar 30	3.5
13	Mon	Apr 2	3.6
	Wed	Apr 4	4.1
	Fri	Apr 6	REVIEW
14	Mon	Apr 9	TEST 3
	Wed	Apr 11	4.2
	Fri	Apr 13	4.2
15	Mon	Apr 16	4.3
	Wed	Apr 18	4.4
	Fri	Apr 20	4.5
16	Mon	Apr 23	REVIEW
	Wed	Apr 25	REVIEW
	Fri	Apr 27	REVIEW
17	Mon	April 30	
	Wed	May 2	FINAL: 8:00 am – 10:00 am