

**Syllabus**  
**MATH 1413: Survey of Calculus**  
Summer 2017

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

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Office: Boyd 324

Office phone: 678-839-5336.

Office hours: TR: 9:00-11:00 AM; 1:30-2:00 PM, 4:30-5:00 PM.

**Class meeting time:** TR: 11:00 AM-1:30 PM.

**Class room:** Boyd 301.

**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*

**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 Jun 15, Jun 29, and Jul 18. Final exam is scheduled on July 21 from 12:30 PM - 2:30 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: June 23. 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.