Introduction to Optimization Theory  
Math 346, Fall 2014  
Instructor: Professor Lars Ruthotto

Times.  
MW 11:30 AM–12:45 PM, Place: Math & Science Center, Room W303  
First day of classes: August 27, 2014  
Last day of classes: December 9, 2014  
Recess: October 13-14, 2014 (Fall Break), November 26-28, 2014  
(Thanksgiving)

Office hours.  
MW 2:00 – 3:00 pm and by appointment (lruthotto@emory.edu)

Prerequisites.  
Math 221 and CS 140 or 170

Textbook.  
Chapters: 1, 2, 3, 10, 12, 13 and additional material if time permits

Grades.  
There will be 2 tests, a final exam, and 7 homework assignments.  
The final grade will be determined as:  
50% tests  
30% final exam  
20% homework

Tests.  
There will be 2 tests on the following dates:  
Monday, October 6  and  Monday, November 3

Final Exam.  
The Final Exam is *cumulative* and will be on:  
Tuesday, December 16, 2014 3:00PM-5:30PM

Homework.  
A total of 7 homework assignments will be posted bi-weekly after the Monday class starting on September 8. They will be graded and returned promptly.

Collaboration is allowed and highly encouraged. Homework should be done in fixed teams of at most three students. One submission per team is
sufficient. Exchange of information between members of different teams is strictly forbidden.

**Class Attendance.**
Attendance is not required, but strongly encouraged.

If you miss a class, then you should get a copy of the notes from one of your classmates. If you come to class, then you are expected to stay until the end, and not leave in the middle of a lecture. If it is necessary to leave early, then I expect an explanation. Hopefully breaks should not be needed to go to the bathroom, to answer your phone, etc. If such a break is needed, I expect an explanation.

All cell phones and electronic devices must be silenced during the class period. Computers are not allowed or needed in class. Please, no eating or drinking in class.

**Students with Disabilities.**
If you have a disability and would like to request classroom accommodations, please see me after class or during office hours to discuss arrangements.

**Honor Code.**
All students must adhere to the provisions of the Honor Code. For more information, see:

http://college.emory.edu/home/academic/policy/honor_code.html