IEOR 3608 Introduction to mathematical programming

Class: Tuesday & Thursday, 11:40-12:55, 535 Mudd
Office hours: Thursday, 10:30 -11:30, 308 Mudd
Recitations:
Thursday 7-8 pm, 315 Mudd(Aya)
Friday 12-1 pm, 227 Mudd (Peter)
TA's
Peter Maceli ,plm2109@columbia.edu, office hours Fri 11-12, 821 Shapiro
Aya Wallwater, aw2589@columbia.edu, office hours Mon 2-3, 325 Mudd
Graders
Nathan Epstein, ne2210@columbia.edu
Syed Khurshid, ssk2165@columbia.edu

Course description
This course is an introduction to mathematical programming models and computational techniques. We will cover the following areas: linear programming and the simplex method, dynamic programming, implicit enumeration for integer programs; production planning applications.

Prerequisites: Linear Algebra
Corequisites: Data Structures

Grade
The final grade consists of the following components: weekly homework assignments 20%, first midterm 20%, second midterm 20%, final exam 40%. Late HW policy: -10% of the grade for each late day

Book

IEOR Junior Colloquium
As part of the class, the department will host a special series of mandatory evening programs.

October 23, 7-9 pm
November 13, 7-9 pm
These will be held in Carleton Cafeteria. Attendance will be taken.