Date: 1/11
Log: Snow day. No class.

Date: 1/13
Sections: 3.2, 3.4.
Log: Course policies. Introduction to linear program. Setting up linear programming models. The “Wyndor Glass” and “Pollution Abatement” models.
Assignment: Read the “Regional Planning” and the “Reclaiming Solid Wastes” examples in section 3.4.

Date: 1/18
Sections: 4.1, 4.2
Log: Solving linear programming problems graphically. Feasible solutions, the feasible region, corner-point feasible solutions. The linear programming problem in standard form. The resource allocation problem as the archetypal standard model. Introduction to the simplex method. Slack variables.
Assignment: Read the “Radiation Therapy” example in 3.4. Problems 3.1-4, 3.1-5, 3.2-1a,b and 3.2-4 are due in class Thursday, 1/27.

Date: 1/20
Sections: 4.2