Brief Lecture Summary and References: Introduction to Linear Programming, September 4th.

We saw the definitions of linear function, linear inequality, linear equation, linear constraint, objective function, optimal solution,Linear Program, and standard form from the first chapter of Chvatal. I noted that an Integer Linear Program is obtained from a Linear Program by adding the constraint that all variables are integer valued. We went through the formulation of the diet problem example from Chvatal, Chapter 1.

Reference: Chapter 1 of Chvatal.
Exercises if desired: Those in Chapter 1 of Chvatal.