

MSA 8230: Analytical Meth Opt & Sim I

This course is designed to provide a foundation in the use of analytical modeling techniques in managerial decision-making. We will cover two areas of modeling: Computer simulation and optimization. These topics were introduced in the first course but we will follow up with a more advanced treatment of the topics and solve problems with industrial strength packages. We will also devote time to forecasting and cover a broad overview of key forecasting techniques.

Credits: 3.0

Prerequisites:

MSA 8100 and MSA 8110 and MSA 8115