AM213
Optimize Case Study Course

MODULE 1: Introduction and Considerations
Lesson 1: Introduction
· Course Introduction
· Course Orientation and Tips
Lesson 2: Considerations
· When to Optimize?
· Case Studies

MODULE 2: Design to Optimize
Lesson 3: Optimizing design to maximize value
· Advantages and Disadvantages of Optimizing a Part
· Reducing Production Time and Cost
· Light Weighting, Removing Material
· Improving Part Function
· Coalescing Assemblies
· Life Cycle Cost Analysis
· Putting It All Together
· Assignment 1

Lesson 4: Generative Design
· Basics/Fundamentals of Generative Design
· Assignments 2 and 3