42011 Mathematical Optimization (3)

Knowledge
The students should learn both analytic and numerical techniques for location of extreme points of functions and calculus of variations.

Comprehension
Should understand and solve both constrained and unconstrained problems

Application
The main and most important application is to solve many different problems related to the subject.

Analysis
N/A

Synthesis
N/A

Evaluation
Should complete homeworks, pass midterm tests and a final exam.

Class Activities
To solve problems in class and discuss theorems.

Out of class Activities
To submit homework assignments.