

## **(ECON-729) Optimization Techniques**

### **Course Description**

Classical, linear and non-linear optimization problems and applications in economics; alternative approaches to dynamic optimization in continuous and discrete times; lifecycle models with and without perfect foresight; capital accumulation, human resource development optimum growth and dynamic efficiency.

### ***Recommended Books***

Aho, Alfred V., Sethi, Ravi, Ullman, Jeffrey D., *Compilers: Principles, Techniques and Tools*, Addison-Wesley: Reading, MA, 1985.

Aho, Alfred V., Lam, Monica, Sethi, Ravi, Ullman, Jeffrey D., *Compilers: Principles, Techniques and Tools*, 2nd edition, Addison-Wesley: Reading, MA, 2004.