İçerik

Ders Kodu	Dersin Adı	Yarıyıl	Teori	Uygulama	Lab	Kredisi	AKTS
ECON304	Dinamik Makroiktisat	6	3	0	0	3	5

Ön Koşul	ECON303
Derse Kabul Koşulları	ECON303

Dersin Dili	
Türü	
Dersin Düzeyi	Lisans
Dersin Amacı	
İçerik	
Kaynaklar	

Teori Konu Başlıkları

Hafta	Konu Başlıkları
1	Calculus of variations. Fixed and free terminal point.
2	Exercises.
3	Optimal control. First order necessary conditions.
4	Exercises.
5	Sufficiency theorems for finitely given terminal time problem.
6	Sufficiency theorem for infinite horizon problem. Current value hamiltonian.
7	Exercises.
8	Optimal neoclassical model.
9	A simulation of the optimal neoclassical model.
10	Optimal neoclassical model with exogenous technical progress.
11	Endogenous technical progress: Romer model. Existence of equilibrium growth rate.
12	Endogenous technical progress: Lucas model. Existence of equilibrium growth rate. Equivalence with Romer model.
13	A superficiel intro to existence unicity and stability in Romer and Lucas models.
14	Transversality conditions in Romer and Lucas models.