Department of Geomatics Engineering / Department of Geomatics Engineering / Department of Geomatics Engineering

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
GE204	LAND DEVELOPMENT	3.00	0.00	0.00	3.00	6.00

Course Detail

Course Language	:	English
Qualification Degree	:	Bachelor
Course Type	:	Compulsory
Preconditions	:	Not
Objectives of the Course	:	Teaching land registration, cadastre, real estate appraisal, topographical mapping and land information management systems and modern trends in those areas.
Course Contents	:	Introduction to land administration. Property and property rights. Land registration. Cadastre. Cadastral surveying. 3D-4D cadastres. Cadastral renovation. Fiscal cadastre. Real estate appraisal. Topographical mapping. Land information management. Modern trends in land administration.
Recommended or Required Reading	:	1. Land Administration, P. Dale and J. McLaughlin, Oxford University Press, 1999. 2. Land Administration for Sustainable Development, I. Williamson, S. Enemark, J. Wallas, A. Rajabifard, ESRI Press Academic, 2010. 3. 3D Cadastre in an International Context, J. Stoter, P.V. Oosterom, CRC Press, 2006.
Planned Learning Activities and Teaching Methods	:	Courses and exams.
Recommended Optional Programme Components	:	-
Instructors	:	Assoc. Prof. Dr. Zeynel Abidin Polat
Instructor's Assistants	:	-
Presentation Of Course	:	Weekly presentations
En Son Güncelleme Tarihi:	:	

Course Outcomes

Upon the completion of this course a student :

1 Learning land registration and cadastre processes

2 Learning real estate apprasisal systems

3 Understanding topographical mapping component of land administration

4 Understanding land information management processes of land administration

5 Learning modern trends in land administration

Preconditions

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS

Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1.Week	*Introduction to land administration.					
2.Week	*Property and property rights.					
3.Week	*Land registration.					
4.Week	*Introduction to cadastre.					
5.Week	*Cadastral surveying.					
6.Week	*3D-4D cadastres.					
7.Week	*Cadastral renovation.					
8.Week	*Fiscal cadastre.					
9.Week	*Midterm exam.					
10.Week	*Introduction to real estate appraisal.					
11.Week	*Real estate appraisal.					
12.Week	*Topographical mapping.					
13.Week	*Land information management.					
14.Week	*Modern trends in land administration.					

Assesment Methods %

1 Midterms : 40.000

2 Final : 60.000

ECTS Workload

Activities	Count	Time(Hour)	Sum of Workload
Vize / Midterms	1	1.00	1.00
Final / Final	1	2.00	2.00
Derse Katılım / Attending lectures	14	3.00	42.00
Ders Öncesi Biresysel Çalışma / Individual study before lecture	14	3.00	42.00
Ders Sonrası Biresysel Çalışma / Individual study after lecture	14	3.00	42.00
Ara Sınav Hazırlık / Preparation for midterm	1	18.00	18.00
Final Sınavı Hazırlık / Preparation for final	1	21.00	21.00
		Total :	168.00
		Sum of Workload / 30 (Hour) :	6
		ECTS :	6.00

Program And OutcomeRelation

	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11
L.O. 1	0	0	0	0	0	0	0	0	0	0	0
L.O. 2	0	0	0	0	0	0	0	0	0	0	0
L.O. 3	0	0	0	0	0	0	0	0	0	0	0
L.O. 4	0	0	0	0	0	0	0	0	0	0	0
L.O. 5	0	0	0	0	0	0	0	0	0	0	0