

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
GE303	LAND DEVELOPMENT	3.00	0.00	0.00	3.00	4.00
Course Detail						
Course Language	: English					
Qualification Degree	: Bachelor					
Course Type	: Compulsory					
Preconditions	: Not					
Objectives of the Course	: Teaching principles of land development.					
Course Contents	: Introduction to land development. The Land Development Process. Design: Understanding of Basic Requirements. Real Property Law. Comprehensive Planning and Zoning. Planning Hierarchy. National, Regional, Local Plans. Land Development Regulations. Development Patterns. Residential Land Use. Nonresidential Land Use. Retail, Office Uses and Industrial. Base Map. Boundary Surveys for Land Development. Topographic Surveys. Plan Submission, Review, and Approval Process. Building Permits. Development plan implementation tools.					
Recommended or Required Reading	: 1- Land Development Handbook, Planning, Engineering, Surveying, S. O. Dewberry, MCGRAW-HILL, 2008. 2- Land Administration for Sustainable Development, I. Williamson, S. Enemark, J. Wallas, A. Rajabifard, ESRI Press Academic, 2010.					
Planned Learning Activities and Teaching Methods	: Lecture, discussion, exam.					
Recommended Optional Programme Components	: Attendance is important					
Instructors	: Assoc. Prof. Dr. Zeynel Abidin Polat					
Instructor's Assistants	: Res. Ass. Yunus KONBUL					
Presentation Of Course	: Weekly lectures with Powerpoint presentations in the classroom.					
En Son Güncelleme Tarihi:	:					

Course Outcomes	
Upon the completion of this course a student :	
1	Learning basic concepts of planning and land development.
2	Learning planning hierarchy.
3	Learning roles of geomatics engineers in land development.
4	To have the information infrastructure that will improve the zoning and environmental awareness
5	To have knowledge about zoning practices in urban areas

Preconditions						
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Weekly Contents						
	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1.Week	*Introduction to Land Development.					
2.Week	*The Land Development Process.					
3.Week	*Design: Understanding of Basic Requirements.					
4.Week	*Real Property Law.					
5.Week	*Comprehensive Planning and Zoning.					
6.Week	*Planning Hierarchy. National, Regional, Local Plans.					
7.Week	*Land Development Regulations.					
8.Week	*Development Patterns.					
9.Week	*Midterm Exam.					
10.Week	*Residential Land Use. Nonresidential Land Use. Retail, Office Uses and Industrial.					
11.Week	*Base Map.					
12.Week	*Boundary Surveys for Land Development. Topographic Surveys.					
13.Week	*Plan Submission, Review, and Approval Process.					
14.Week	*Building Permits.					

Assesment Methods %	
1	Mdterms : 40.000

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	2.00	28.00
Ders Sonrası Biresysel Çalışma / Individual study after lecture	14	2.00	28.00
Ara Sınav Hazırlık / Preparation for midterm	1	10.00	10.00
Final Sınavı Hazırlık / Preparation for final	1	20.00	20.00
			Total : 131.00
			Sum of Workload / 30 (Hour) : 4
			ECTS : 4.00

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	4	0	0	0	5	0	0	0	0	0	4
L.O. 2	5	0	0	0	5	0	0	0	0	0	4
L.O. 3	5	0	0	0	4	0	0	0	0	0	4
L.O. 4	4	0	0	0	4	0	0	0	0	0	3
L.O. 5	4	0	0	0	5	0	0	0	0	0	5