

YASAR UNIVERSITY CIVIL ENGINEERING DEPARTMENT CURRICULUM

Semester 1		T	P	YUC	ECTS
MATH 1131	Calculus I	3	2	4	7
PHYS 1121	Physics I	3	2	4	7
MATH 1101	Analytical Reasoning	2	2	3	6
SE 1115	Introduction to Programming	2	2	3	6
SOFL 1101	English for Academic Purposes I	4	0	4	4
Semester Credits				18	30

Semester 2		T	P	YUC	ECTS
MATH 1132	Calculus II	3	2	4	7
PHYS 1122	Physics II	3	2	4	7
CHEM 1120	Engineering Chemistry and Materials	3	2	4	7
ENGR 1120	Computer Aided Drawing	2	2	3	5
SOFL 1102	English for Academic Purposes II	4	0	4	4
Semester Credits				19	30

Semester 3		T	P	YUC	ECTS
MATH 2263	Differential Eq and Dynamical Systems	3	2	4	7
MATH 2230	Computational Methods in Engineering	2	2	3	6
CE 2201	Materials of Construction	3	2	4	7
CE 2203	Statics	3	0	3	6
TURK 1110	Turkish I	2	0	2	2
HIST 1110	Ataturk's Principles and Hist of Turkish Rev I	2	0	2	2
Semester Credits				18	30

Semester 4		T	P	YUC	ECTS
MATH 2240	Probability and Statistics for Engineers	3	2	4	7
CE 2202	Strength of Materials	3	2	4	7
CE 2206	Fluid Mechanics	3	0	3	6
ECON 3300	Introduction to Engineering Economics	3	0	3	5
TURK 1210	Turkish II	2	0	2	2
HIST 1210	Ataturk's Principles and Hist of Turkish Rev II	2	0	2	2
UFND 7010	Social Responsibility	0	2	1	1
Semester Credits				19	30

Semester 5		T	P	YUC	ECTS
CE 3301	Introduction to Structural Analysis	4	0	4	7
CE 3303	Hydromechanics	2	2	3	6
CE 3305	Soil Mechanics	2	2	3	6
ENGR 3450	Project Management	3	0	3	5
ISG 9110	Occupational Health and Safety I	2	0	2	2
SOFL 1302	English for Academic and Prof. Communication	4	0	4	4
Semester Credits				19	30

Semester 6		T	P	YUC	ECTS
CE 3302	Fund of Reinforced Concrete Design	4	0	4	7
CE 3304	Fundamentals of Structural Steel Design	4	0	4	7
CE 3306	Foundation Engineering	3	0	3	6
CE 3308	Introduction to Transportation Engineering	3	0	3	6
UFND 6120	Entrepreneurship and Business Planning	2	0	2	2
ISG 9210	Occupational Health and Safety II	2	0	2	2
Semester Credits				18	30

Semester 7		T	P	YUC	ECTS
CE 4910	Senior Design Project I	1	4	3	8
	Area Elective	3	0	3	6
	Area Elective	3	0	3	6
ENGR 4400	Engineering Ethics and Seminar	0	2	1	2
CE 4811	Internship			0	8
Semester Credits				10	30

Semester 8		T	P	YUC	ECTS
CE 4920	Senior Design Project II	0	6	3	8
	Area Elective	3	0	3	6
	Area Elective	3	0	3	6
	University Elective			3	5
	University Elective			3	5
Semester Credits				15	30

T: Theory; P: Practice; YUC: Yasar University Credit; ECTS: European Credit Transfer System

Program Credits				136	240
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