

Department of Civil and Environmental Engineering

6.1. Plan of Study: Diploma in Civil Engineering

Year I		
Fall Semester		16 Credits
Code	Course Title	Credit Hours
ENGL 101	Basic Academic English I	3
MATH 199	Calculus I	3
PHYS 170	Fundamentals of Physics I	3
PHYS 170L	Introductory Physics Laboratory	1
ENGR 100	Introduction to Engineering	3
ENGR 110	Engineering Workshop	1
ENGR 105	Engineering Graphics	2
Spring Semester		16 Credits
Code	Course Title	Credit Hours
ENGL 102E	English for Engineering and Sciences I	3
MATH 200	Calculus II	3
SOCS 102	Omani Society	3
CHEM 140	Chemistry I	3
CHEM 140L	Introductory Chemistry Laboratory	1
CIVE 210	Statics	3
Summer Semester		9 Credits
Code	Course Title	Credit Hours
ENGL 203E	English for Engineering and Sciences II	3
MATH 205	Calculus III	3
MATH 250E	Probability and Statistics	3
Year II		
Fall Semester		16 Credits
Code	Course Title	Credit Hours
ENTR 200	Entrepreneurship: Innovation and Creativity	3
PHYS 210	Fundamentals of Physics II	3
CIVE 215	Engineering Geology	3
CIVE 265	Surveying & GPS	3
CIVE 265L	Surveying & GPS Laboratory	1
CIVE 213	Strength of Materials	3
Spring Semester		18 Credits
Code	Course Title	Credit Hours
CIVE 230	Geotechnical Engineering	3
CIVE 230L	Geotechnical Engineering Laboratory	1
CIVE 221	Construction Materials	3
CIVE 221L	Construction Materials Laboratory	1
CIVE 250	Structural Analysis I	3
CIVE 250L	Structural Analysis I Lab	3
CIVE 241	Fluid Mechanics	3
CIVE 361	Transportation Engineering	3
Summer Semester		0 Credits
Code	Course Title	Credit Hours
CIVE 299	Practical Training for Diploma Students	0