

	Fall Term Courses		Student Outcomes						
	Course Code	Course Name	1	2	3	4	5	6	7
1	CEN108	Introduction to Civil Engineering	x			x			x
2	MEC111	Computer Aided Technical Drawing			x				x
3	CEN211	Dynamic	x						x
4	CEN213	Strength of Materials I	x						x
5	CEN212	Structural Analysis I	x						x
6	MTH207	Probability and Statistics	x					x	x
7	CEN309	Hydraulics	x					x	x
8	CEN315	Reinforced Concrete I	x	x		x			x
9	CEN312	Foundation Engineering	x	x					
10	CEN401	Reinforced Concrete Design	x	x	x	x	x		x

	Spring Term Courses		Student Outcomes						
	Course Code	Course Name	1	2	3	4	5	6	7
1	CEN106	Statics	x						x
2	CEN105	Geology for Engineering				x			x
3	CEN202	Building Materials	x	x		x			
4	CEN204	Fluid Mechanics	x						x
5	CEN214	Surveying	x					x	x
6	CEN301	Structural Analysis II	x						x
7	CEN311	Soil Mechanics	x					x	
8	CEN308	Construction Management				x	x		x
9	CEN310	Highway Engineering	x	x				x	
10	CEN302	Reinforced Concrete II	x	x		x			x
11	CEN314	Hydrology	x						x
12	CEN325	Steel Structures	x	x		x			
13	CEN498	Graduation Design Project	x	x	x	x	x	x	x

Student Outcomes	
1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3	An ability to communicate effectively with a range of audiences.
4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies