
CEG-211	Hydrology & Erosion Control	3 (2-3)	Fall
Prerequisites:	MAT-121 ^S , MAT-171 ^S , MAT-003 w/P2S, or BSP-4003 ^S		
Corequisites:	None		
This course introduces basic engineering principles and characteristics of hydrology, erosion and sediment control. Topics include stormwater runoff, gravity pipe flow, open channel flow, low impact development (LID), erosion control devices and practices. Upon completion, students should be able to analyze and design gravitational drainage structures, identify LID and erosion control elements, and prepare a stormwater drainage plan.(2013 FA)			
CEG-212	Intro to Environmental Tech	3 (2-3)	Spring
Prerequisites:	EGR-251 ^S		
Corequisites:	None		
This course introduces basic engineering principles of hydraulics, and water and wastewater technologies. Topics include fluid statics, fluid dynamics, flow measurement, the collection, treatment, and distribution of water and wastewater. Upon completion, students should be able to identify water and wastewater system elements, describe water and wastewater system processes and perform basic hydraulics and treatment computations.(2013 FA)			
CEG-230	Subdivision Planning & Design	3 (1-6)	Spring
Prerequisites:	EGR-120 ^S , CEG-211 ^S , SRV-211 ^S		
Corequisites:	None		
This course covers the planning and design concepts related to subdivisions including analysis of development standards, engineering, and the creation of CAD drawings. Topics include applicable codes, lot creation, roadway system layout, stormwater drainage, low impact development (LID) concepts, and related topics. Upon completion, students should be able to prepare a set of subdivision plans. (2013 FA)			
CEG-235	Project Management/Estimating	3 (2-3)	Spring
Prerequisites:	CEG-115 ^S , CIS-110 ^S , CIS-111 ^S , EGR-115 ^S , or EGR-125 ^S		
Corequisites:	None		
This course covers planning and estimating practices which are applicable to the civil engineering and related construction industries. Emphasis is placed on construction project planning and management, material take-offs labor and equipment requirements in accordance with industry formats, and other economic topics. Upon completion, students should be able to accurately complete material take-offs, prepare cost estimates, and prepare construction schedules.(2014 SU)			