

C E-CIVIL ENGINEERING (C E)

C E 109. Computer Drafting Fundamentals

3 Credits (2+2P)

Same as DRFT 109, E T 109, SUR 109.

C E 151. Introduction to Civil Engineering

3 Credits (3)

Problem solving and use of computer software for civil engineering applications. May be repeated up to 3 credits.

Prerequisite(s)/Corequisite(s): MATH 1220G.

C E 198. Special Topics

1-3 Credits

May be repeated for a maximum of 6 credits.

Prerequisite: consent of department head.

C E 233. Mechanics-Statics

3 Credits (3)

Engineering mechanics using vector methods. May be repeated up to 3 credits.

Prerequisite(s): MATH 1521G or MATH 1521H, PHYS 1310G and cumulative GPA of 2.0.

C E 234. Mechanics-Dynamics

3 Credits (3)

Kinematics and dynamic behavior of solid bodies utilizing vector methods. May be repeated up to 3 credits. Crosslisted with: M E 234.

Prerequisite(s): C E 233, MATH 1521G or MATH 1521H, PHYS 1310G.

C E 256. Environmental Engineering and Science

3 Credits (3)

Principles in environmental engineering and science: physical chemical systems and biological processes as applied to pollution control.

Crosslisted with: ENVS 2111

Prerequisite: CHEM 1215G and MATH 1511G or ENGR 190.

Learning Outcomes

1. To understand the nature of water quality parameters in the context of Civil Engineering and Environmental Science (Water Treatment/Wastewater Treatment/Environmental Science) To learn to apply engineering and scientific solutions to water quality problems To understand environmental regulations and their consequences on the design of pollution control systems

C E 256 L. Environmental Science Laboratory

1 Credit (1P)

Laboratory experiments associated with the material presented in C E 256. Same as ENVS 2111L.

Corequisite(s): C E 256.

C E 298. Special Topics

1-3 Credits

May be repeated for a maximum of 6 credits.

Prerequisite: consent of department head.