Program Student Learning Outcomes

• Create written communications appropriate to the construction discipline.
• Create oral presentations appropriate to the construction discipline.
• Create a construction project safety plan.
• Create construction project cost estimates.
• Create construction project schedules.
• Analyze professional decisions based on ethical principles.
• Analyze construction documents for planning and management of construction processes.
• Analyze methods, materials, and equipment used to construct projects.
• Apply construction management skills as a member of a multidisciplinary team.
• Apply electronic-based technology to manage the construction process.
• Apply basic surveying techniques for construction layout and control.
• Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.
• Understand construction risk management.
• Understand construction accounting and cost control.
• Understand construction quality assurance and control.
• Understand construction project control processes.
• Understand the legal implications of contract, common, and regulatory law to manage a construction project.
• Understand the basic principles of sustainable construction.
• Understand the basic principles of structural behavior.
• Understand the basic principles of mechanical, electrical and piping systems