

Student Learning Outcomes (SLO) specified by ACCE

1. Create written communications appropriate to the construction discipline
2. Create oral presentations appropriate to the construction discipline
3. Create a construction project safety plan
4. Create construction project cost estimates
5. Create construction project schedules
6. Analyze professional decisions based on ethical principles
7. Analyze construction documents for planning and management of construction processes
8. Analyze methods, materials, and equipment used to construct projects
9. Apply construction management skills as a member of a multidisciplinary team
10. Apply electronic-based technology to manage the construction process
11. Apply basic surveying techniques for construction layout and control
12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process
13. Understand construction risk management
14. Understand construction accounting and cost control
15. Understand construction quality assurance and control
16. Understand construction project control processes
17. Understand the legal implications of contract, common, and regulatory law to manage a construction project
18. Understand the basic principles of sustainable construction
19. Understand the basic principles of structural behavior
20. Understand the basic principles of mechanical, electrical and piping systems