



# CAPITAL PROJECT MANAGEMENT CERTIFICATE

**Program Overview:** *An investigation of key topics associated with planning and managing capital construction projects, how these topics are integrated into a capital construction project management plan that achieves business and project objectives, and how the project team uses the project management plan to successfully complete the construction project.*



## **CE 8320 —Capital Project Management Fundamentals**

Fundamental concepts of designing and constructing capital projects – what they are, why they are done, who is involved, and how to best design and build them; phases of a capital project; variations of organizational and contractual structures used for capital projects.

---



## **CE 8330— Capital Project Controls**

Principles and best practices of project controls for capital construction projects, including conceptual and detail estimating, scheduling, and earned value management (EVM); development of project baseline incorporating scope, schedule, and budget; use of baseline to monitor and manage cost and schedule performance; and shortcomings of EVM.

---



## **CE 8340—Key Topics in Capital Project Management**

An investigation of key topics associated with planning and managing capital construction projects, how these topics are integrated into a capital construction project management plan that achieves business and project objectives, and how the project team uses the project management plan to successfully complete the construction project.

---

Scan for information



Contact Information:  
Certificate Program Coordinator: Dr. Abdul Khan  
864.656.3327 or Email [adbkhan@clermson.edu](mailto:adbkhan@clermson.edu)

