

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Project management is found across the private, public, and military sectors - especially within Information Technology (IT). This certificate is designed for both technical and non-technical students who want to gain the knowledge and skills relating to project management, software development, or IT project management.

Completion of this certificate provides a deep understanding of the project management process, information technology management, agile project management, and other special topics.

Students interested in graduate work should refer to the Graduate and Professional Bulletin (<https://catalog.colostate.edu/general-catalog/graduate-bulletin/>).

Learning Objectives

Upon successful completion, students will be able to:

1. Understand and apply IT architecture and services models of computing.
2. Understand and apply a systems development methodology.
3. Understand the role of data, information, and knowledge in decision making.
4. Organize, participate in, and manage an IT project.
5. Participate in tactical and strategic planning for an IT project.
6. Analyze a problem domain and design a solution set using an accepted methodology.
7. Define deliverables, milestones, and activities of an IT project.