

Graduate NanoCert® in Business Project Management

The student will be introduced to the theories, concepts, and practices that align with business project management. In BUSN663, the student will be guided through how the business, outside environment, and other areas that affect a project. The student will also be exposed to the Project Management Institute's talent triangle and the 10 knowledge areas from the Project Management Book of Knowledge (PMBOK® Guide). Through BUSN664, students will delve into the concepts of practical applications creating the scope and the schedule, as well as create a project management plan that will include the scope statement, Work Breakdown Schedule (WBS), activity definition, resource allocation, activity duration estimation, schedule creation, and critical path identification. In BUSN665, the student will learn about project risks, their effect on other project constraints and how to manage them, as well as the quality requirements and processes for a project. Most importantly, the student will have the opportunity to practice several tools and techniques provided in this course.

NanoCert Objectives

After successfully completing this NanoCert, the student will be able to:

- Differentiate between a project, program, and portfolio as defined by the Project Management Institute and defend why the three are important in a company
- Assess project documentation to create a Project Management Information System (PMIS)
- Explain what each mathematical formula means to the project manager
- Articulate how ethics and culture affect the WBS, status report, risk management plan, and the project
- Create the Statement of Work (SoW) and determine the steps for schedule changes
- Discuss the use of the change control board
- Explain how earned value management (EVM) is used to measure project performance and progress
- Learn the importance of the risk management process and the impact of risk attitudes on it
- Understand the importance of risk management planning
- Develop a Risk Management Plan
- Understand the role and content of the quality management plan for a project
- Develop a Quality Management Plan for a project

NanoCert Requirements (9 semester hours)

Code	Title	Semester Hours
BUSN663	Project Management for the Business Professional	3
BUSN664	Advanced Business Project Schedule and Scope Management	3
BUSN665	Advanced Business Project Risk and Quality Management	3
Total Semester Hours		9