

Project Management

PROJ 100

Introduction to Project Management [RE] • 5.0 Credits

An introduction to foundational knowledge and concepts for the project management profession. Introduces key project definitions, project phases, and the project management knowledge areas. Also introduces students to project management activities such as scope, cost, and schedule management, project leadership skills, and the project team development model. The role of ethics in project management is also discussed.

PROJ 110

Project Planning [RE] • 5.0 Credits

Examines the important planning phase of a project which includes preparing the project management plan, defining the project scope and work breakdown structure; defining the activities and schedule; and estimating the costs and defining the budget. Also addresses planning quality, human resources, communication, risk, and procurement elements of a project. **Prerequisite:** Completion of PROJ 100 and CS 101 with a 2.0 or better

PROJ 130

Introduction to Microsoft Project [RE] • 5.0 Credits

MS Project is used to develop the project schedule including such things as creating a work breakdown structure; identifying activities, estimates, durations, and relationships; and assignment of resources. Provides hands-on skills for a basic understanding of such things as capturing performance data; preparing outputs and reports; and using baselines. **Prerequisite:** Completion of PROJ 110 with a 2.0 or better.

PROJ 150

Agile Project Management [RE] • 5.0 Credits

This course introduces agile concepts, tools, techniques, and behaviors as they apply to project management. Also explored are agile frameworks (including Scrum), estimating, user stories, Kanban, information radiators and how agile project management deviates from the traditional project management paradigm. **Prerequisite:** Completion of PROJ 100 and CS 101 with a 2.0 or better

PROJ 170

Project Management Internship [RE] • 1.0–5.0 Credits

Designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on new experiences in an actual work setting. Instructor permission is required to enroll. Grade is pass/no credit.

PROJ 211

Project Procurement [RE] • 5.0 Credits

Provides basic understanding of the project procurement management including key processes, roles/responsibilities, and types of contracts. Addresses the various roles people play in the procurement process and how procurement management plays a key part in achieving successful projects. **Prerequisite:** Completion of PROJ 110 with a 2.0 or better.

PROJ 222

Project Quality Management [RE] • 5.0 Credits

Provides further understanding of how project quality planning and control contribute to sound project management and improved project results. This course addresses quality tools, skills, and techniques. **Prerequisite:** Completion of PROJ 110 with a 2.0 or better.

PROJ 230

Emotional Intelligence & Communication [RE] • 5.0 Credits

Formerly PROJ 230, PROJ 330

This course addresses emotional intelligence to include self-management, stakeholder engagement, and team development. Further, essential communication skills, which, according to research, can be directly tied to over 80% of project failures, such as conflict management, are analyzed. These emotional intelligence and communication skills are addressed through course assignments including group projects, individual projects, interactive discussions, and quizzes. **Prerequisite:** Completion of PROJ 110 with a 2.0 or better.

PROJ 231

Project Risk Management [RE] • 5.0 Credits

Provides additional knowledge and skills for identifying project risks, analyzing risks, and risk responses. Addresses both quantitative and qualitative analysis, risk monitoring and control techniques, risk probability, and risk impacts. **Prerequisite:** Completion of PROJ 110 with a 2.0 or better.

PROJ 240

Emerging Project Management Practices [RE] • 5.0 Credits

This class presents emerging practices related to project management that are not covered in the existing curriculum. Topics relate to cutting-edge technical discipline knowledge, tools, systems, processes, procedures, techniques, strategies/approaches, and/or emerging theories in project/program/portfolio management. Class must be passed with a 2.0 or better to count for AAS in Project Management degree. **Prerequisite:** Completion of PROJ 110 and PROJ 130 both with a 2.0 or better.

PROJ 241

Project Management Capstone [RE] • 5.0 Credits

Integrates all the various project management knowledge and skills learned in previous courses into a simulated project(s) including project initiation, planning, execution, and monitoring/control activities in a team environment. Includes evaluation of project decisions to identify improvement opportunities. **Prerequisite:** Completion of either PROJ 120 or PROJ 150, and PROJ 130, PROJ 211, PROJ 222, PROJ 230, and PROJ 231, all with a 2.0 or better.

PROJ 270

Project Management Internship [RE] • 1.0–5.0 Credits

Designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on new experiences in an actual work setting. Instructor permission is required to enroll. Grade is pass/no credit.

PROJ 299

Special Studies [RE] • 1.0–5.0 Credits

A class used to explore new coursework.

PROJ 310

Project Contracts & Legal Issues • 5.0 Credits

Develops concepts beyond PROJ 211 dealing specifically with contracts including advanced contract administration topics such as monitoring/change control and claims. Also addresses project management legal issues. **Prerequisite:** Completion of PROJ 211 with a 2.0 or better.

Project Management

PROJ 320

Project Monitoring, Control, & Earned Value • 5.0 Credits

Develops monitoring and control issues including earned value management concepts and skills. **Prerequisite: Completion of PROJ 130 with a 2.0 or better.**

PROJ 340

Advanced Emerging Project Management Practices • 5.0 Credits

This class presents advanced emerging practices related to project management that are not covered in the existing curriculum. Topics chosen relate to cutting-edge technical discipline knowledge, tools, systems, processes, procedures, techniques, strategies/approaches, and/or emerging theories in project/program/portfolio management. Class must be passed with a 2.0 or better to count for BAS in Project Management degree. **Prerequisite: Completion of PROJ 110 and PROJ 130 both with a 2.0 or better.**

PROJ 370

Project Management Internship • 1.0–5.0 Credits

Designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on new experiences in an actual work setting. Instructor permission is required to enroll. Grade is pass/no credit.

PROJ 411

Advanced Microsoft Project • 5.0 Credits

Develops advanced schedule concepts and practices using Microsoft Project software, beyond those learned in PROJ 130, including topics such as resource leveling, critical path management, baselining, and progress reporting. The class utilizes scenarios to be addressed using the software. **Prerequisite: Completion of PROJ 130 with a 2.0 or better.**

PROJ 430

Leadership and Human Resources • 5.0 Credits

This course integrates core concepts of project communication and emotional intelligence into two critical components of effective project management. The two components surround leadership and human resource dynamics. On the leadership side, the nuances of personal and stakeholder dynamics are highlighted. According to research, both of these critical components heavily influence successful project execution. The skills for this course are developed through personal assessments, discussion board assignments, quizzes, and in-class collaboration. **Prerequisite: Completion of PROJ 230 and CMST 415, both with a 2.0 or better.**

PROJ 470

Project Management Internship • 1.0–5.0 Credits

Designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on new experiences in an actual work setting. Instructor permission is required to enroll. Grade is pass/no credit.

PROJ 480

Advanced Project Management Capstone • 5.0 Credits

Integrates all the various project management knowledge and skills learned in previous courses into a simulated project(s) including project initiation, planning, execution, and monitoring/control activities in a team environment. This course includes evaluation of project decisions to identify improvement opportunities. **Prerequisite: Completion of PROJ 241, PROJ 310, PROJ 320, PROJ 411, and PROJ 430, all with a 2.0 or better.**