

Project Management

Overview

Folsom Lake College's project management program is highly relevant to professional services like health care, pharmacy, human resources, finance, manufacturing, construction, and information technology, which is largely being driven by government modernization and large scale outsourcing.

This dynamic curriculum provides advanced skills and practical instruction on the processes, organizational structure, and tools that assure that project work yields the desired business results. This is a fully [online program \(/academics/online-education\)](#) and is thus ideal for professionals who want to enhance their ability to integrate complex projects, motivate people, and achieve cost-effective results.

Career Options

The project management program is designed for professionals seeking to improve their professional repertoire with knowledge of project management. The project management practice can be applied to many career fields, such as health care, pharmaceuticals, information technology, manufacturing, construction, and government.

Program Maps

[Business and Management Undecided Major \(/flc/main/doc/instruction/program-maps/Business-Undecided-major.pdf\)](#)

[Project Management, Certificate of Achievement \(/flc/main/doc/instruction/program-maps/Project-Management-Certificate.pdf\)](#)

Dean [Carlos Lopez \(/about-us/contact-us/faculty-and-staff-directory/carlos-lopez\)](#)

Department Chair [C.D. Vickrey \(/about-us/contact-us/faculty-and-staff-directory/cd-vickrey\)](#)

Meta-Major [Business and Management \(/academics/meta-majors/business-and-management\)](#)

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Certificate of Achievement

Project Management Certificate

This dynamic curriculum provides advanced skills and practical instruction on the processes, organizational structure, and tools which assure that project work yields the desired business results in professional services such as Health Care, Pharmacy, Human Resources, Finance, Manufacturing, Construction, and Information Technology, which is largely being driven by government modernization and large scale outsourcing. This program is thus ideal for professionals who want to enhance their ability to integrate complex projects, motivate people, and achieve cost-effective results.

Catalog Date: June 1, 2020

Certificate Requirements

COURSE CODE	COURSE TITLE	UNITS
PRJMGT 300	Introduction to Project Management	3
PRJMGT 310	Project Integration and Scope Management	3
PRJMGT 320	Project Time and Cost Management	3
PRJMGT 330	Project Quality Management	3
PRJMGT 340	Project Communication and Human Resource Management	3
PRJMGT 350	Project Risk Management and Project Procurement Management	3
Total Units:		18

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- apply a significant range of professional and business skills, practices and techniques in project management.
- initiate, manage and drive change through the application of sound financial and business competence.
- undertake individual and team research and/or consultancy based projects.
- describe the nature and functions of project management as well as understand the project life cycle and processes.
- build a cohesive and productive project team and learn techniques to deal with the practical and emotional issues involved in team building including coordinating efforts across multiple units of the organization.
- apply and use project management software and techniques to plan, monitor, control, and evaluate a project.

Career Information

The Project Management program is designed for professionals seeking to improve their professional repertoire with knowledge of project management. The project management practice can be applied to several career fields such as health care, pharmaceutical, service/outsourcing information technology, manufacturing, construction, and government. This certificate is a management development program suitable for:

- Graduates who wish to pursue a career in Project Management.
- Project Managers who wish to develop their professional practice and gain a qualification in this specialist area.
- People from a range of disciplines who undertake Project Management as part of their job role or who wish to move into this professional discipline.

Project Management (PRJMGT) Courses

PRJMGT 300 Introduction to Project Management

Units:	3
Hours:	54 hours LEC
Prerequisite:	None.
Advisory:	CISC 300, CISC 310, ENGRD 110, and ENGWR 101
Transferable:	CSU
Catalog Date:	June 1, 2020

This is an introductory course covering the following topics: fundamental project management terminology, skills, concepts and techniques, how the project management processes are linked together, and role of stakeholders and organizational influences on projects.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- identify and describe the responsibilities of a project manager.
- compare and contrast theories of leadership and motivation.
- examine and analyze case examples and justify solutions.
- define and apply project management processes and work products.
- demonstrate using project control techniques during planning, and implement the techniques during the execution of a project.
- identify and integrate into a project plan the ten knowledge areas of project management: integration, scope, time, cost, quality, human resources, communication, risk, and procurement, and stakeholder management.
- describe and incorporate the characteristics of a project life cycle.
- develop a class project using a project management software.

PRJMGT 310 Project Integration and Scope Management

Units:	3
Hours:	54 hours LEC
Prerequisite:	PRJMGT 300 with a grade of "C" or better
Transferable:	CSU
Catalog Date:	June 1, 2020

Successful project outcomes depend on an effective project management plan, development and execution, as well as adherence to a scope management process. This also begins with the proper integration of related project elements across project process groups and knowledge areas.

The course builds on the introductory project management class to explore the project integration management processes to successfully integrate processes and activities required to define and coordinate the project effort within and across the project process including: project plan development, project plan execution, and overall change control.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- identify, locate, and use project data and resources to prepare a comprehensive and coherent project plan.
- develop a project plan and other relevant data to execute the project so the project meets the project sponsor and stakeholders expectations.
- prepare, develop, and implement a change-control process to ensure the integrity of the project during execution.
- compose a project charter to obtain approval from the sponsor for initiation of the project.
- demonstrate knowledge how to develop and define a project scope management.

PRJMGT 320 Project Time and Cost Management

Units:	3
Hours:	54 hours LEC
Prerequisite:	PRJMGT 310 with a grade of "C" or better
Transferable:	CSU
Catalog Date:	June 1, 2020

This course provides project managers methods to effectively plan and manage the project schedule and cost. The time management portion of this course covers activity breakdown, estimation, sequencing

and scheduling. The cost management portion discusses how to estimate and develop a budget, and why any budget is an estimate prior to the reporting of the actual costs. The cost topic also covers resource planning, cost estimation, cost control systems, project budgeting and the basic accounting principles needed to ensure the success of the project.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate knowledge as well as compare and contrast of the basic concepts of time and cost management.
- build the activities for developing a project schedule.
- analyze the activities to determine a critical path schedule.
- demonstrate knowledge of managing and controlling the schedule.
- compose the activities for estimating costs and developing budgets.
- demonstrate knowledge of the processes for managing and controlling costs.
- demonstrate knowledge of the project manager's role in project time and cost management.

PRJMGT 330 Project Quality Management

Units:	3
Hours:	54 hours LEC
Prerequisite:	PRJMGT 310 with a grade of "C" or better
Transferable:	CSU
Catalog Date:	June 1, 2020

This course builds on the introductory project management class to explore the project quality management processes of quality planning, quality assurance, and quality control necessary to successfully meet conformance to project requirements and fitness of use. Quality standards and various methodologies are explored as tools and techniques used to manage project quality. The cost of poor quality is explained, as well as the cost/benefit associated with quality processes and procedures.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- differentiate the phases of project quality and how to apply these phases to a project.
- cite quality terms and definitions, such as: ISO 9000, Pareto diagrams, Ishikara diagrams, 3 or 6 Sigma.
- discuss the historical background of the founders of quality management.
- develop a quality management plan including: purpose, measurable outcomes, work breakdown, cost/benefit, budget, staff allocations, and tool identification.
- develop various quality inspection processes and tools to analyze project and product quality
- analyze data and information to measure quality, develop control charts, and determine corrective action processes to correct quality issues.

PRJMGT 340 Project Communication and Human Resource Management

Units:	3
Hours:	54 hours LEC
Prerequisite:	PRJMGT 310 with a grade of "C" or better
Transferable:	CSU
Catalog Date:	June 1, 2020

The course explores the multiple communication channels within a project team and between a project and its various stakeholders. The class evaluates leadership styles that creates motivating team atmosphere, guide the team through change and conflict while practicing ethical principles during the project. The course also assess the human resource issues around the management of the performance of all individuals involved in ensuring project success. The class analyzes techniques for teams to understand performance expectations, improve team productivity, and communicate how the project aligns with the organization's strategic goals and objectives.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- conduct a stakeholder analysis to gather the information needed to plan how to manage communication with the stakeholders in the project as well as identify the levels of support needed from them and the roles the stakeholders will play in the project.
- analyze and discuss techniques to manage stakeholder and the project team expectations as well as how to influence and win support from project stakeholders to approve a change request for a project's scope, budget, and/or schedule.
- examine organization types and using tools to manage matrix teams and the added complexity of managing virtual team(s).
- develop a human resources plan to achieve project goals.
- identify, document, and explain roles and responsibilities to team members as well as establish reporting relationships within the project.

PRJMGT 350 Project Risk Management and Project Procurement Management

Units:	3
Hours:	54 hours LEC
Prerequisite:	PRJMGT 310 with a grade of "C" or better
Transferable:	CSU

Catalog Date: June 1, 2020

This course prepares project managers to gather information to successfully manage and respond to risks and opportunities through probability assessment and developing mitigation strategies for risks that may impact the project's triple constraint. The course also equips project managers with tools to research and acquire goods and services needed by the project either within or external to the organization.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- assess and define the benefit of applying risk information to practical project situations.
- demonstrate knowledge of risk management concepts, including how risk is assessed through the lifecycle of the program.
- Demonstrate knowledge of a risk management plan that includes how to identify risk, to determine risk tolerances, to determine who is accountable for the risk, to develop response planning, and how to monitor and control risk, and select the most successful options to respond to a project risk assessment.
- develop strategies for open discussions of risk with project stakeholders.
- develop and adapt procedures and techniques to enhance opportunities and reduce threats from risk.
- discuss and analyze different approaches to procurement planning, contract types, solicitation and selection and procurement closeout as well as select the best practices of procurement planning using a hypothetical project case study.
- compare and contrast the best practices of project contract and subcontract administration using a hypothetical or real project case study.

PRJMGT 495 Independent Studies in Project Management

Units: 1 - 3
Hours: 54 - 162 hours LAB
Prerequisite: None.
Transferable: CSU
Catalog Date: June 1, 2020

This course involves a student working individually on a topic of study and research beyond the scope of regularly offered courses. Upon the approval of the proposed topic, the student will work and keep in contact with the advisory faculty to successfully complete the topic study. Students may take this course up to four times without duplication of the topics.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate the understanding of concepts, processes, and techniques of topic of study.
- discriminate and analyze through projects the major concerns of the techniques and methods in the topic of study.
- recognize and evaluate the topic of study throughout the visual arts and society.

PRJMGT 499 Experimental Offering in Project Management

Units: 0.5 - 4
Prerequisite: None.
Transferable: CSU
Catalog Date: June 1, 2020

Faculty

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Business and Management

[\(/academics/meta-majors\)](#)

This program is part of the Business and Management meta-major.

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