Course Syllabus

Idaho State University - Continuing Education and Workforce Training

Applied Project Management | with PMP and CAPM Exam Preperation

WTRN 6579

Description

Description

Most projects don’t fail because of bad ideas — they fail because the technical planning and the human side of the work don’t come together. This course addresses both. Throughout this course, learners follow a project through its full life: defining the vision and stakeholders, selecting a predictive, agile, or hybrid delivery approach, building the plan, leading the team, delivering value, managing change, and closing the work. Each topic pairs short lectures with a real-world application assignment where learners try the concepts themselves. Sustainability and artificial intelligence are addressed throughout as factors in planning and decision-making. No prior project management experience is required.

The course is grounded in the PMBOK Guide (8th Edition) and supports preparation for the PMP and CAPM certification exams. Two practice exams mirror the format and situational judgment style of those exams. Learners who are not pursuing certification will leave with the same working knowledge of project management that applies across industries and roles. Certification requires meeting PMI’s eligibility requirements separately.

Enrollment, Delivery, and Completion Information

- **Course Number**: WTRN 6579
- **Course Completion**: 35 hours awarded upon successful completion (graded as Satisfactory/Unsatisfactory)
- **Enrollment Type**: Cohort based/ Spring and Fall semesters
- **Completion Timeframe**: 14 weeks
- **Delivery Format**: Fully online and asynchronous, with weekly deadlines
- **Purpose**: Develop practical project management skills applicable across industries, with content aligned to PMP and CAPM certification exams.

Student Expectations

Students are expected to complete all activities and engage with the content in good faith. The course includes academically engaging learning through readings, lectures, videos, applied activities, and other instructional materials designed to support professional learning and implementation in professional settings. Successful completion requires meaningful participation in all required course components and learning activities as described below:

Spend the time necessary to complete all assigned learning materials, activities, and assessments in support of the course learning outcomes

Demonstrate thoughtful and substantive engagement by applying course knowledge through high-quality, timely work that produces practical strategies, tools, resources, or artifacts ready for use in professional settings

Required Materials and Technology

Students must have regular access to a reliable laptop or desktop computer capable of loading and running standard software.

The computer must support word processing, presentation tools (e.g., PowerPoint), Adobe Acrobat files (PDF), file downloads and uploads, and viewing videos.

The learning management system supports mobile devices, but mobile access should be considered supplemental only. Mobile devices may limit a student's ability to complete assignments successfully, particularly those involving file handling, multimedia creation, lesson plan development, or other course activities.

An up-to-date browser on any computer or device is required, along with a reliable internet connection.

General Technology Hardware for Online/Hybrid Courses - ISU Help Desk

Book Scrum - The Art of Doing Twice the Work in Half the Time - Jeff Sutherland

Optional (but highly recommended)

- **Brainscape** Flash card app subscription | $9.99/month for one semester

- The Project Management Book of Knowledge (PMBOK) 8th Edition

Learning Outcomes

Upon completion of this course, learners will be able to:

- Explain what distinguishes project work from ongoing operations, and apply the project management principles and performance domains that guide professional practice.
- Evaluate a project’s needs, complexity, and context to recommend a predictive, agile, or hybrid delivery approach, and tailor that approach as conditions change.
- Establish a shared project vision, identify and analyze stakeholders, and align competing expectations throughout the project.
- Build an integrated project plan that addresses scope, schedule, cost, quality, resources, and procurement.
- Apply leadership and team practices that fit the situation, including setting team expectations, resolving conflict, and supporting knowledge transfer.
- Plan and manage communication so the right information reaches the right stakeholders at the right time.
- Identify, analyze, and respond to project risks, and distinguish risks from issues and impediments that require intervention.
- Evaluate project status using appropriate metrics, manage change through a controlled process, and report progress to stakeholders and governance bodies.
- Assess how value is defined and delivered on a project, including prioritizing work by value and verifying that benefits are measured.
- Account for compliance, sustainability, and organizational change factors in project decisions, and apply artificial intelligence tools responsibly in project work.
- Close a project or phase: confirm acceptance, validate transition readiness, capture lessons learned, and release resources.
- Apply the knowledge and situational judgment assessed by the PMP and CAPM exams, using practice exams that reflect their format and question types.

Course Modules

Time Allocation	Module Content
hrs	Module 1: Foundations - The Value Delivery Window
hrs	Module 2: Initiation and Framing: Vision and Stakeholders
hrs	Module 3: Initiation and Framing: Governance & Success Metrics
hrs	Module 4: Initiation and Framing: Environment, Compliance, and Org Change
hrs	Module 5: Planning and Estimating: Scope & The Integrated Plan
hrs	Module 6: Planning & Estimating: Schedule & Resources
hrs	Module 7: Planning & Estimating: Finance & Quality
hrs	Module 8: Planning & Estimating: Risk & Procurement
hrs	Module 9: Leading the Work: Team Leadership
hrs	Module 10: Leading the Work: Communication, Conflict & Stakeholder Management

hrs	Module 11: Leading the Work: Team Leadership
hrs	Module 12: Delivering Value: Tracking, Control and Change
hrs	Module 13: Adapting - Risk Monitoring & Improvement
hrs	Module 14: Closing & Transitioning

Assignments and Grading

Successful course completion requires participants to complete all required learning activities and achieve a score of at least 80%.

Academic Integrity

Students are expected to follow institutional policies on academic honesty. Plagiarism, cheating, or misrepresentation of work undermines learning and will result in appropriate consequences as defined by university policy. If you are unsure whether something is acceptable, ask before submitting work.

Accessibility and Disability Services

The university is committed to providing an accessible learning environment. If you have a documented disability and need accommodations, contact the Disability Services office as early as possible to ensure that reasonable accommodations can be arranged. Students without documentation who believe they may have a disability or learning difference are encouraged to consult Disability Services about evaluation options and campus resources.

Classroom Climate and Respect

This course addresses topics related to disability, learning differences, and personal experiences. Students are expected to maintain a respectful,

supportive environment, keep classmates’ stories confidential, and listen with openness and empathy. Disagreement is normal, but it should be expressed respectfully.