

Colorado CTE Course – Scope and Sequence

Course Name	Project Management in Action	Course Details	.5 Semester long
		Course = 0.50 Carnegie Unit Credit	
Course Description	Introduces major activities and tools in Project Management related to resources, risk and quality. There is a heavy focus to provide how to manage the human element of project management. Specific project management tools and methodologies are introduced and used.		
Note:	This is a suggested scope and sequence for the course content. The content will work with any textbook or instructional resource. If locally adapted, make sure all course competencies are covered. This course aligns to the CCNS (MAN243). Please contact your local community college partner for credit options. Course can be taught in conjunction with CAPM industry certification.		
SCED Identification #	12099	Schedule calculation based on 60 calendar days of a 90-day semester. Scope and sequence allows for additional time for guest speakers, student presentations, field trips, remediation, or other content topics.	

All courses taught in an approved CTE program must include Essential Skills embedded into the course content. The Essential Skills Framework for this course can be found at <https://www.cde.state.co.us/standardsandinstruction/essentialskills>

COURSE COMPETENCIES AND OUTCOMES

COMPETENCIES

The competencies you will demonstrate in this course are as follows:

- A. Explain careers, certifications, and educational paths through project management.
- B. Describe how to prepare for a career in Project Management.
- C. Discuss the different process groups.
- D. Demonstrate resource assignment and allocation for a project.
- E. Demonstrate project communication management including communication channels, strategies and plan.
- F. Discuss management skills for the project including: team concepts, project conflict, project leadership, and stakeholder management.
- G. Illustrate Project Management ethical behavior and practices.



MODULE 1

Outcomes & Competencies

1. Identify the educational pathways by which a prospective project manager may seek project management training. A, B
2. Analyze the job market (opportunities, salaries) for project managers in your area. A
3. Describe what you are doing now and what else you need to do to prepare yourself for a career in project management. B
4. Describe the project management pathways a prospective project manager might follow, and which professional certifications they should consider

MODULE 2

Outcomes & Competencies

1. Identify the phases, or process groups, of the Project Management Institute (PMI) project life cycle. C
2. Explore the key activities that take place during each process group. C
3. Discuss the documentation requirements for each process group. C

MODULE 3

Outcomes & Competencies

1. Compare the process groups in the Project Management Institute (PMI) project life cycle with other project development approaches. C
2. Discuss the advantages and disadvantages of predictive versus adaptive project management approaches. C
3. Evaluate best practices in determining resource needs and assigning resources to projects. D
4. Create a responsibility assignment matrix to communicate project team roles. D

MODULE 4

Outcomes & Competencies

1. Describe the components a communications plan. E
2. Identify personal communication skills to improve project communications. E
3. Investigate ways to facilitate timely and useful communications among project team members and between projects. E

MODULE 5

Outcomes & Competencies

1. Investigate ways to resolve project team conflict. F
2. Discuss how to identify and understand the needs of project stakeholders. F
3. Compare project management styles with regard to the type of project assigned to a project manager. F
4. Describe the elements of project management's code of ethics. G



CTSO Connections

FBLA

- Any team event

DECA

- Project Management Events