



## Colorado BMEF CTE Course – Scope and Sequence

|                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                  |                                                                        |                                          |                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Name                                                                                                                                                                                                                                                                                                                        | Project Management in Action                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                  | Course Details                                                         | Credits = .5 (Semester)                  |                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                  | Course = 0.50 Carnegie Unit Credit                                     | Level 4                                  |                                                                                                                                                                                       |
| 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 <a href="#">CCNS</a> (MAN2043). Please contact your local community college partner for credit options. Course can be taught in conjunction with CAPM industry certification. |                                                                                                                                                                                                                  |                                                                        |                                          |                                                                                                                                                                                       |
| SCED Identification #<br>12163                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                              | 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 <a href="https://www.cde.state.co.us/standardsandinstruction/essentialskills">https://www.cde.state.co.us/standardsandinstruction/essentialskills</a> |                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                  |                                                                        |                                          |                                                                                                                                                                                       |
| Instructional Unit Topic                                                                                                                                                                                                                                                                                                           | Suggested Length of Instruction                                                                                                                                                                                                                                                                                                                                                                              | CTE or Academic Standard Alignment                                                                                                                                                                               | Competency / Performance Indicator                                     | Outcome / Measurement                    | CTSO Integration                                                                                                                                                                      |
| Careers in Project Management                                                                                                                                                                                                                                                                                                      | 2 weeks                                                                                                                                                                                                                                                                                                                                                                                                      | Career Ready Practices; Business Mgmt Pathway                                                                                                                                                                    | Analyze PM careers, certifications (PMP, CAPM), and education pathways | Career research portfolio + presentation | <b>FBLA:</b><br>Career Portfolio; Job Interview; Future Business Leader<br><br><b>DECA:</b><br>Principles of Business Management; Career Development Project; Entrepreneurship Series |

|                                                                   |         |                                                 |                                                                   |                                     |                                                                                                                                                                     |
|-------------------------------------------------------------------|---------|-------------------------------------------------|-------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Preparing for a PM Career</b>                                  | 1 week  | Employability Skills;<br>Professional Skills    | Develop resumes, networking strategies, and professional profiles | Resume + mock interview rubric      | <b>FBLA:</b><br>Business Communication; Job Interview; Organizational Leadership<br><br><b>DECA:</b><br>Professional Selling; Human Resources Management            |
| <b>Project Management Methodologies (Agile, Waterfall, Scrum)</b> | 2 weeks | IT & Business Standards;<br>Critical Thinking   | Compare and apply methodologies to scenarios                      | Case study analysis + quiz          | <b>FBLA:</b><br>Business Management; Entrepreneurship; Project Management<br><br><b>DECA:</b><br>Business Services Marketing; Entrepreneurship Team Decision Making |
| <b>Process Groups (Initiate, Plan, Execute, Monitor, Close)</b>   | 2 weeks | Project Mgmt Frameworks;<br>Problem Solving     | Explain and apply PM process groups                               | Scenario-based assessment + diagram | <b>FBLA:</b><br>Business Management; Business Law; Economics<br><br><b>DECA:</b><br>Management Decision Making; Business Law & Ethics                               |
| <b>Integration Management &amp; Project Planning</b>              | 2 weeks | Business Operations;<br>Planning & Organization | Develop project charter, scope, and schedule                      | Project plan (Gantt chart, charter) | <b>FBLA:</b><br>Project Management; Event Planning; Business Plan<br><br><b>DECA:</b><br>Business Operations Research; Project Management Events                    |
| <b>Resource &amp; Human Resource Management</b>                   | 2 weeks | Leadership; Teamwork                            | Allocate resources, develop team roles, manage conflict           | Team simulation + reflection        | <b>FBLA:</b><br>Human Resource Management;                                                                                                                          |

|                                                         |           |                                        |                                                       |                                     |                                                                                                                                                      |
|---------------------------------------------------------|-----------|----------------------------------------|-------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                         |           |                                        |                                                       |                                     | Organizational Leadership; Business Management<br><br><b>DECA:</b><br>Human Resources Management; Team Decision Making Events                        |
| <b>Communication Management</b>                         | 2 weeks   | Communication; Collaboration           | Develop communication plans and stakeholder messaging | Communication plan + presentation   | <b>FBLA:</b><br>Business Communication; Public Speaking; Customer Service<br><br><b>DECA:</b><br>Marketing Communications; Professional Selling      |
| <b>Stakeholder Management</b>                           | 2 weeks   | Relationship Management; Leadership    | Analyze stakeholder needs and influence strategies    | Stakeholder map + case solution     | <b>FBLA:</b><br>Marketing; Management; Entrepreneurship<br><br><b>DECA:</b><br>Marketing Management; Entrepreneurship; Integrated Marketing Campaign |
| <b>Project Ethics &amp; Professional Responsibility</b> | 1 week    | Ethics; Legal Standards                | Evaluate ethical dilemmas in projects                 | Written scenario response           | <b>FBLA:</b><br>Business Ethics; Insurance & Risk Management<br><br><b>DECA:</b><br>Business Law & Ethics; Personal Financial Literacy               |
| <b>Capstone Project (Full Project Simulation)</b>       | 2–3 weeks | All Career Ready + Technical Standards | Plan, execute, and present a full project             | Final project + presentation rubric | <b>FBLA:</b><br>Business Plan; Project Management; Event Planning; Data Analysis                                                                     |

|  |  |  |  |  |                                                                                     |
|--|--|--|--|--|-------------------------------------------------------------------------------------|
|  |  |  |  |  | <b>DECA:</b><br>Business Solutions Project; Innovation Plan; Start-Up Business Plan |
|--|--|--|--|--|-------------------------------------------------------------------------------------|

## Academic Standards Alignment

Colorado CTE courses are required to integrate academic and essential skills into course content. The following academic standards have been identified as aligned to this course and should be integrated throughout instruction.

[CO CTE Academic Standards Resources](#) (Rubrics, integration strategies, etc)

[CDE Colorado Academic Standards Online](#) (Online standards lookup tool)

### Reading, Writing, & Communicating

#### Standard 1: Oral Expression and Listening

- **Prepared Graduate 1:** Collaborate effectively as group members or leaders who listen actively and respectfully; pose thoughtful questions, acknowledge the ideas of others; and contribute ideas to further the group's attainment of an objective.
- **Prepared Graduate 2:** Deliver effective oral presentations for varied audiences and varied purposes.

#### Standard 2: Reading for All Purposes

- **Prepared Graduate 4:** Read a wide range of informational texts to build knowledge and to better understand the human experience.
- **Prepared Graduate 5:** Understand how language functions in different contexts, command a variety of word-learning strategies to assist comprehension, and make effective choices for meaning or style when writing and speaking.

#### Standard 3: Writing and Composition

- **Prepared Graduate 7:** Craft informational/explanatory texts using techniques specific to the genre.

- **Prepared Graduate 9:** Demonstrate mastery of their own writing process with clear, coherent, and error-free polished products.

**Standard 4: Research Inquiry and Design**

- **Prepared Graduate 10:** Gather information from a variety of sources; analyze and evaluate its quality and relevance; and use it ethically to answer complex questions.

*Note: Mathematics and Science standards will be added in the future. Visit the [Colorado Academic Standards](#) page for the most current version.*