



EMPLOYABILITY PROFILE

Construction Management



Industry-Based Skill Standards

NA = Not Applicable

1 = Introduced

2 = Developing

3 = Proficient

4 = Mastery

	9th	10th	11th	12th
Industry Safety				
Demonstrates sound safety practices in the shop and worksite environments including tool safety, ladder safety, personal protective apparel, and construction site safety.				
Hand and Power Tools				
Demonstrates proper selection and use of both hand and hand-held power tools used in the construction industry. Cleans, maintains, and properly stores all tools.				
Building Information Modeling (BIM)				
Shows foundational proficiency in using BIM software in creating and managing information on a construction project across the project lifecycle.				
Technical Drawing and CAD				
Can read, write and interpret digital prints and scaled drawings, detail drawings, and plot drawings to obtain information about construction plans and details.				
Construction Systems				
Demonstrates understanding of basic Mechanical, Electrical, Plumbing, Structural systems as they are commonly used by industry.				

Project Management Fundamentals	9th	10th	11th	12th
Planning, Documentation, Organization				
Student can explain the project planning process, and identify the elements of a project plan to include appropriate documentation.				
Contracts, Budgets, Schedules, and Permits				
Develop a budget for a construction project determining the most effective strategies to minimize costs, including examples of estimates, contracts, schedules and permits.				
Start Up, Operation and Maintenance				
Student can describe how the startup, operation and maintenance phase of a project is carried and who is responsible including the importance of effective time management.				
Cost Control and Risk Management				
Student can explain the use of purchase orders and contracts in acquiring materials, identify the planning requirements for materials, equipment, tools, and labor needed for a project including a material estimate.				
Career Development Portfolio				
C creates a career development portfolio using appropriate writing skills to create cover letter, resumes, samples of work, and career plan to be used in the job seeking process.				

Industry Certifications / Credential / Endorsement	yes	no

Articulated College Credit or Advanced Standing	credits
Total	

