



EMPLOYABILITY PROFILE

Construction Technology

Industry-Based Skill Standards Proficiency Definitions

NA = Not Applicable

1 = Developing

2 = Basic

3 = Proficient

4 = Mastery

	9th	10th	11th	12th		9th	10th	11th	12th
Shop Safety					Roof Framing				
Demonstrates sound safety practices in the shop and worksite environments including tool safety, ladder safety, personal protective apparel, and construction site safety					Demonstrates the ability to layout common and hip rafters, install trusses, and install sheathing and appropriate finishing techniques to gables and fascia				
Hand and Power Tools					Interior Wall and Ceiling Finishing				
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					Demonstrates the ability to install drywall and other wall finishing materials using appropriate equipment and techniques. Finishes and prepares wall and ceilings for paint				
Stationary Woodworking Equipment					Stair Construction				
Demonstrates safe operation of stationary equipment such as table saws, band saws, drill presses, jointers, shapers, sanding machines, and lathes					Demonstrates the ability to layout and construct stairs and stair stringers using basic layout techniques. Installs and finishes stairs to building specs using blueprint information				
Blue Print Reading					Windows and Exterior Doors				
Can read and interpret blue prints and scaled drawings, detail drawings, and plot drawings to obtain information about construction plans and details					Demonstrates the ability to install windows and doors using appropriate techniques and weatherization principals. Can remove and replace original with replacement units				
Ladders and Scaffolding Safety					Interior Doors and Trim				
Demonstrates safe use of ladders, scaffoldings, pump jacks, and other rigging commonly found on a residential construction work site					Installs interior doors and trim surfaces using appropriate tools and techniques according to building plans and detail drawings. Uses both hand and air tools to complete installations				
Masonry and Concrete					Kitchen Cabinet Installation				
Demonstrates understanding of masonry building techniques such as block, brick, and veneer using appropriate tools and techniques. Can form, pour, and finish flat concrete projects					Installs and finishes pre-made cabinetry in kitchens and baths using appropriate installation techniques and tools. Builds countertops using laminate and installs according to plans				
Floor Framing					Exterior Wall Finish				
Demonstrates the ability to cut and assemble floor framing according to building plans using wood framing techniques. Installs load bearing pilasters, beams, and frames openings					Demonstrates the ability to install exterior wall finishes according to material specifications such as wood siding, vinyl siding, stucco, and various composite materials per building plans				
Wall and Ceiling Framing					OSHA 10 Certification				
Demonstrates the ability to layout, assemble, erect, and brace wall and ceiling framing according to building plans. Constructs headers to carry loads over openings					Completes OSHA Training on site safety, ladder safety, rigging, and material handling to earn the OSHA 10 industry certification				
Basic Residential Wiring					Career Development Portfolio				
Reads and interprets electrical building drawings to install outlets, junction boxes, ceiling boxes, and switch boxes in correct locations. Pulls and secures wiring to code specification					Has developed 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				



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WORK-BASED LEARNING			POSTSECONDARY CREDIT				
Type of WBL Experience	Year	Hours	College Course	Possible Cr.		Attained	
						Y	N
						Y	N
						Y	N
						Y	N
			Technical Assessment		Passed		
			NOCTI-Building Construction Occupations		Y	N	
			NOCTI-Building Construction Occupations (performance)		Y	N	
			Career Portfolio		Y	N	
			CERTIFICATIONS, ENDORSEMENTS, LICENSES				
			Title		Date Obtained		
TOTAL							

AWARDS, SPECIAL RECOGNITION, SCHOLARSHIPS	DIPLOMA	Date Obtained	
	Diploma Earned: Insert diploma type here		
	Technical Endorsement on Diploma?	Y	N