Competency Task List – Secondary Component
Carpentry/Carpenter CIP 46.0201
High School Graduation Years 2026, 2027, 2028

100 Safety/Occupational Orientation

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
101	Follow basic, lab, and construction industry safety practices and procedures.		
	RESERVED (102-103)		
104	Follow procedures in Safety Data Sheets (SDS) system.		
105	Identify and follow all OSHA safety standards at the construction site.		
	RESERVED (106-107)		

200 Hand Tools

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
201	Use and maintain small hand tools.		
202	Use and maintain sawing tools.		
203	Use and maintain fastening tools.		
204	Use and maintain measuring tools.		
205	Use and maintain cutting tools.		
	RESERVED (206)		
207	Use and maintain ladders.		
208	Use and maintain finishing tools.		
	RESERVED (209)		
210	Construct scaffolding.		
211	Use and maintain leveling tools.		

300 Power Tools

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
301	Use and maintain stationary power tools.		
302	Use and maintain fastening tool systems.		
303	Use and maintain portable power tools.		
	RESERVED (304-305)		

400 Blueprints Reading

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
	RESERVED (401)		
402	Interpret and comprehend standard symbols and abbreviations.		
403	Interpret building specifications.		
404	Interpret a plot plan.		
405	Interpret a foundation plan.		
406	Interpret elevation plans.		
407	Interpret details and section views.		
408	Interpret floor, wall, and roof framing plans.		
409	Interpret building and zoning codes.		
410	Interpret Americans with Disabilities Act (ADA) regulations.		

500 Site Preparation and Layout

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
501	Determine factors needed to be considered before the start of a building project.		
502	Explain the process of acquiring a building permit.		
503	Explain the process of PA One Call System.		

504	Establish elevations and grades from benchmarks using leveling instruments.		
505	Lay out a building foundation using the Pythagorean Theorem.		
506	Layout and construct batter boards.		

600 Footings and Foundations

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
601	Identify footer and foundation materials.		
602	Use leveling instruments to establish footer lines and elevations.		
	RESERVED (603-604)		
605	Explain the process to construct forms for footers and slabs.		
	RESERVED (606-607)		
608	Install reinforcing materials.		
609	Construct vertical and horizontal formwork.		

700 Framing – Floor Construction

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
	RESERVED (701-702)		
703	Layout and install sill plates.		
704	Layout and install floor joists, including manufactured floor joists.		
705	Layout and install joists for a cantilever floor.		
706	Construct and install cross and solid bridging.		
707	Layout and install sub-flooring.		
708	Layout and construct floor openings.		

800 Framing - Wall Construction

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
	RESERVED (801)		
802	Layout and construct a wood frame wall.		
	RESERVED (803)		
804	Layout and construct door openings.		
805	Layout and construct window openings.		
806	Construct a load bearing header.		
807	Layout and install sheathing.		
808	Plumb, align and brace walls.		
809	Layout and construct a metal frame wall.		

900 Framing – Roof Construction

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
	RESERVED (901-902)		
903	Layout and install a ridgeboard.		
904	Layout and install common rafters.		
	RESERVED (905)		
906	Layout and install roof trusses.		
907	Layout and install roof sheathing.		
908	Layout and construct roof openings.		
	RESERVED (909-912)		
913	Identify various types of roof construction.		

1000 Exterior Finish

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
	RESERVED (1001-1002)		
1003	Install house air and water infiltration barrier.		
1004	Install exterior doors.		
1005	Install windows.		
1006	Layout and install siding.		
1007	Layout and install soffits and facias.		
1008	Layout and install gutters and downspouts.		
1009	Layout and install exterior deck, stair, and railing systems.		
1010	Identify, layout, and install roof coverings and accessory components.		

1100 Interior Finish

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
	RESERVED (1101-1102)		
1103	Layout, install and finish drywall.		
1104	Layout and install suspended and tile ceilings.		
1105	Layout and install interior doors.		
1106	Layout and install door trim, casings, and hardware.		
1107	Layout and install window trim, casings, and hardware.		
1108	Layout and install baseboard and molding.		
1109	Layout and install flooring materials.		
1110	Layout and install interior stair systems.		
	RESERVED (1111)		

1200 Estimation

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
1201	Estimate the amount and cost of bricks and blocks needed to complete a given task.		
1202	Estimate the amount and cost of concrete needed to complete a given task.		
1203	Estimate the amount and cost of materials to finish an exterior wall.		
1204	Estimate the amount and cost of materials to finish an interior wall.		
1205	Estimate the amount and cost of materials to construct a finished floor.		
1206	Estimate the amount and cost of materials to construct a finished roof.		
1207	Estimate the amount and cost of materials to install siding for a house.		

1300 Energy Efficiency

Item	Task	(X) Indicates Proficiency [1]	Secondary Course Crosswalk
1301	Differentiate between and install various types of insulation.		
1302	Compare the different types of weatherization techniques.		
1303	Compare the various types of building envelopes.		
1304	Differentiate various types of caulks and sealants.		
1305	Describe the importance of ventilation.		

[1] Student Demonstrated Entry-Level Industry Proficiency as Indicated by (X)

Secondary CTE Instructor Signature _____ Date _____

Student Signature _____ Date _____