

Issued: August 4, 2015

Program: Carpenter

To: ITA Training Providers
Articulation Chair
System Liaison Person
School Districts

Subject: **Carpenter Program Outline Update**

OPSN No.: **OPSN 2015 015**

Effective Date: January 1, 2016

Summary of Change: Please be advised that a new Program Outline has been posted to the Industry Training Authority (ITA) website.

Rationale: Employment and Social Development Canada (ESDC) released a new National Occupational Analysis (NOA) in 2013 prompting a review of the BC Program Outline to align the two standards.

Details: A Carpenter Program Review was conducted in November, 2014 to align the ITA Carpenter Program to the 2013 NOA. The review process revised content to meet the current industry standard.

In addition to the new Program Outline, an Interprovincial Red Seal exam weighting chart can be found on the **Carpenter** page of the ITA website under **Program Updates**.

Please note: Pan-Canadian harmonization sequencing webinars took place in April-May 2015, which resulted in the resequencing of the Carpenter Program. ITA is currently working on an implementation plan, and will be consulting with training providers. Timelines and the scope of change due to harmonization are yet to be determined. From January 1, 2016, and until further notice, please use the Program Outline referenced in the this OPSN.

Attachments: ***Carpenter Program Outline Review Details***
This attachment provides a summary chart of the revisions made to the Carpenter Program Outline during the review process.

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cc: All Staff

CARPENTER PROGRAM: COMPETENCY MIGRATION SUMMARY CHART



CARPENTER LEVEL 1		CARPENTER LEVEL 2		CARPENTER LEVEL 3		CARPENTER LEVEL 4	
Line A	Safe Work Practices	Line A	Safe Work Practices	Line A	Safe Work Practices	Line A	Safe Work Practices
	A1: Apply Shop and Site Safety Practices		A1: Apply Shop and Site Safety Practices				
	A2: Apply Personal Safety Practices	moved (A1)	A5: Use Safety Committees				
moved (A1)	A3: Use WHMIS	moved (F3) moved (F2)	A6: Apply Excavation, Shoring and Building Demolition Practices				
moved (A1)	A4: Use Fire Safety Procedures						
Line B	Documentation and Organization	Line B	Documentation and Organization	Line B	Documentation and Organization	Line B	Documentation and Organization
added	B1: Describe Carpentry Trade (Foundation only)						
	B2: Use Construction Drawings and Specifications		B2: Use Construction Drawings and Specifications		B2: Use Construction Drawings and Specifications		B2: Use Construction Drawings and Specifications
moved (B4)	B3: Use Manufacturer and Supplier Documentation						
	B3: Interpret Building Codes and Bylaws		B3: Interpret Building Codes and Bylaws		B3: Interpret Building Codes and Bylaws		B3: Interpret Building Codes and Bylaws
added	B4: Plan and Organize Work						B4: Plan and Organize Work
added	B5: Perform Trade Math						
Line C	Tools and Equipment	Line C	Tools and Equipment	Line C	Tools and Equipment	Line C	Tools and Equipment
	C1: Use Hand Tools				C1: Use Hand Tools		
	C2: Use Portable Power Tools		C2: Use Portable Power Tools		C2: Use Portable Power Tools		
	C3: Use Shop Equipment Stationary Power Tools				C3: Use Shop Equipment Stationary Power Tools		
		added	C4: Use Oxy-fuel Equipment				
Line D	Survey Instruments and Equipment	Line D	Survey Instruments and Equipment	Line D	Survey Instruments and Equipment	Line D	Survey Instruments and Equipment
	D1: Use Levelling Instruments and Equipment		D1: Use Levelling Instruments and Equipment				
		added	D2: Use Site Layout Equipment		D2: Use Transits and Theodolites Use Site Layout Equipment		D2: Use Site Layout Equipment
						moved (D2)	D2: Use Transits and Theodolites
						moved (D2)	D3: Use Electronic Instruments

CARPENTER PROGRAM: COMPETENCY MIGRATION SUMMARY CHART



CARPENTER LEVEL 1		CARPENTER LEVEL 2		CARPENTER LEVEL 3		ER LEVEL	
Line E	Access, Rigging and Hoisting Equipment	Line E	Access, Rigging and Hoisting Equipment	Line E	Access, Rigging and Hoisting Equipment	Line E	Access, Rigging and Hoisting Equipment
added	E1: Use Ladders, Scaffolds and Access Equipment	added	E1: Use Ladders, Scaffolds <u>and Access Equipment</u>				
		moved (E2)	E2: Use Fibre Ropes				
			E2: Use Hoisting and Rigging Equipment				
Line F	Site Layout	Line F	Site Layout	Line F	Site Layout	Line F	Site Layout
	F1: Layout Building Locations		F1: Layout Building Locations				
			F2: Evaluate Site Considerations Prepare Building Site				F2: Evaluate Site Considerations Prepare Building Site
		moved from A1	F3: Apply Excavation and Shoring Practices				
Line G	Concrete Formwork	Line G	Concrete Formwork	Line G	Concrete Formwork	Line G	Concrete Formwork
added	G1: Use Concrete Types, Materials, Additives and Treatments		G1: Use Concrete Types, Materials, Additives and Treatments				
			G2: Select Concrete Forming Systems				
	G3: Build Footing and Vertical Formwork		G3: Build Footing and Vertical Formwork				
			G4: Build Suspended Slab Forms and Slab-on-Grade Forms Slab-On-Grade Forms and Suspended Slab Forms				
			G5: Install Anchor Bolts and Metals in Concrete Reinforcement and Embedded Items				
			G6: Build Concrete Stair Forms				
			G7: Place and Finish and Cure Concrete				
		moved (G3)	G8: Use Pile Foundations				
			G8: Install Specialized Formwork				G8: Install Specialized Formwork

CARPENTER PROGRAM: COMPETENCY MIGRATION SUMMARY CHART



CARPENTER LEVEL 1		CARPENTER LEVEL 2		CARPENTER LEVEL 3		ER LEVEL	
Line H	Wood Frame Construction	Line H	Wood Frame Construction	Line H	Wood Frame Construction	Line H	Wood Frame Construction
	H1: Describe Wood Frame Construction						
	H2: Select Framing Materials						
	H3: Build Floor and Support Systems						
	H4: Build Wall and Partitions Build Wall Systems			moved (H5)	H5: Build Finished Staircases		
	H5: Build Stair Systems				H5: Build Stair Systems		H5: Build Finished Staircases Build Stair Systems
	H6: Build Roof Systems				H6: Build Roof Systems		H6: Build Unequal Slope Intersecting Roofs Build Roof Systems
				moved (H6)	H7: Build Instersecting Roofs		H7: Build Specialized Framing Systems
							H8: Construct or Alter Building Components Perform Renovations and Additions
							H9: Build Heavy Timber Construction Build Timber and Engineered Wood Construction
						added	H10: Build Decks and Exterior Structures
						moved (H7)	H11: Build Architectural Roof Features

CARPENTER PROGRAM: COMPETENCY MIGRATION SUMMARY CHART

addition
move
wording change

Line I	Finishing	Line I	Finishing	Line I	Finishing	Line I	Apply Finishing Materials
							I1: Install Roofing Materials Describe Roofing Materials
					I2: Install Doors and Hardware		
					I3 Install Windows and Hardware	moved (I5)	I6: Install Floor Coverings
					I4: Install Exterior Finishes	moved (I5)	I8: Install Gypsum Wallboard
					I5: Install Interior Finishes		I5: Install Interior Finishes
					I6: Install Cabinets	moved (I7)	I9: Install Steel Studs and Moveable Partitions
						moved (I7)	I10: Install Finished Ceilings
							I7: Install Interior Floor, Ceiling and Wall Systems

CARPENTER PROGRAM: COMPETENCY MIGRATION SUMMARY CHART

addition
 move
 wording change

Line J	Building Science	Line J	Building Science	Line J	Building Science	Line J	Building Science
	J1: Control the Forces Acting on a Building	added	J1: Control the Forces Acting on a Building				J1: Control the Forces Acting on a Building
				moved (J3)	J2: Control Air and Moisture Movement in Buildings		
				moved (J2)	J3: Control Heat and Sound Transmission		