

Construction Craft Worker (CCW) NOA (2009) Subtask-to-Unit Comparison

NOA Subtask		Manitoba Unit(s)
Task 1 - Uses and maintains tools and equipment.		
1.01	Maintains hand tools.	C1 CCW Tools and Equipment
1.02	Maintains power tools.	C1 CCW Tools and Equipment
1.03	Maintains powder-actuated tools.	C1 CCW Tools and Equipment
1.04	Uses rigging and hoisting equipment.	A2 Trade Safety Awareness B1 Math Applications in the CCW Trade C1 CCW Tools and Equipment; C3 Rigging; C4 Materials Handling for Construction Projects; D3 Placement and Curing of Concrete; F1 Heavy Equipment Communications and Coordination; G3 Regulations, Inspections etc. for Crew Leaders
1.05	Uses stationary equipment.	C1 CCW Tools and Equipment F1 Heavy Equipment Communications and Coordination
1.06	Uses personal protective equipment (PPE) and safety equipment.	A2 Trade Safety Awareness
Task 2 - Organizes work.		
2.01	Uses documentation.	B1 Math Applications in the CCW Trade; B2 Intro. Technical Drawing and Construction-Project Design; B3 Blueprint Use I; B4 Blueprint Use II; B5 Estimating for Construction-Labouring Projects; E2 Roadwork Project Survey and Layout; G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
2.02	Communicates with others.	A1 Orientation I: Structure and Scope of CCW Trade-Learning; A3 Orientation II: Journeywork (Coaching/Mentorship); B3 Blueprint Use I; F1 Heavy Equipment Communications and Coordination
2.03	Maintains safe work environment.	A2 Trade Safety Awareness; A3 Orientation II: Journeywork (Coaching/Mentorship); G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
2.04	Organizes individual's work tasks.	A3 Orientation II: Journeywork (Skills Coaching/Mentorship) G3 Regulations, Inspections etc. for Crew Leaders
Task 3 - Performs routine trade activities.		
3.01	Handles construction materials.	C2 Modern Construction Materials; C4 Materials Handling for Construction Projects
3.02	Perform housekeeping duties.	A2 Trade Safety Awareness; G1 Jobsite Preparation and Maintenance
3.03	Erects hoarding/enclosures.	G1 Site Preparation and Maintenance; G2 Scaffolding and Access Structures
3.04	Installs membranes.	C2 Modern Construction Materials; C4 Materials Handling for Construction Projects
3.05	Installs insulating materials.	C2 Modern Construction Materials; C4 Materials Handling for Construction Projects

NOA Subtask		Manitoba Unit(s)
3.06	Establishes grades and elevations.	B1 Math Applications in the CCW Trade; B3 Blueprint Use I B4 Blueprint Use II; D1 Overview of Roadwork Projects and Practices; E2 Roadwork Project Survey and Layout; E3 Roadwork Grading, Compaction, and Allied Practices
NOA Subtask		Manitoba Unit(s)
3.07	Performs traffic control.	A2 Trade Safety Awareness; D1 Overview of Roadwork Projects and Practices; F1 Heavy Equipment Communications and Coordination
3.08	Installs permanent and temporary fencing.	G1 Jobsite Preparation and Maintenance
Task 4 - Prepares site.		
4.01	Clears site.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
4.02	Sets up site facilities.	G1 Jobsite Preparation and Maintenance; G2 Scaffolding and Access Structures; G3 Regulations, Inspections etc. for Crew Leaders
4.03	Assists in installation of pilings.	F1 Heavy Equipment Communications and Coordination; G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
Task 5 – Performs ground work.		
5.01	Locates underground utilities.	B2 Intro. Technical Drawing and Construction-Project Design; B3 Blueprint Use I; B4 Blueprint Use II; E2 Roadwork Project Survey and Layout; G1 Jobsite Preparation and Maintenance; F3 Utilities Project Practices; G3 Regulations, Inspections etc. for Crew Leaders
5.02	Performs excavation.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
5.03	Installs excavation shoring.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
5.04	Performs backfill and compaction.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
Task 6 - Services site.		
6.01	Cleans site.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
6.02	Cleans jobsite facilities.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
6.03	Removes hazardous materials.	C2 Modern Construction Materials; C4 Materials Handling for Construction Projects G1 Jobsite Preparation and Maintenance G3 Regulations, Inspections etc. for Crew Leaders
6.04	Controls water runoff.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
6.05	Sets up temporary lighting.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
6.06	Sets up generators and compressors.	G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
6.07	Performs site restoration.	B3 Blueprint Use I; B4 Blueprint Use II; G1 Jobsite Preparation and Maintenance; G3 Regulations, Inspections etc. for Crew Leaders
6.08	Mans tool crib.	C1 CCW Tools and Equipment; G1 Jobsite Preparation and Maintenance

6.09	Recycles materials.	C2 Modern Construction Materials; C4 Materials Handling for Construction Projects; G1 Jobsite Preparation and Maintenance
Task 7 - Performs basic demolition		
7.01	Cuts materials.	C1 CCW Tools and Equipment; C2 Modern Construction Materials; C4 Materials Handling for Construction Projects
7.02	Dismantles existing structures and components.	C1 CCW Tools and Equipment
Task 8 - Performs safety watches.		
8.01	Monitors hazardous gases.	A2 Trade Safety Awareness; C2 Modern Construction Materials; C4 Materials Handling for Construction Projects
8.02	Performs spark watch.	A2 Trade Safety Awareness; C2 Modern Construction Materials; C4 Materials Handling for Construction Projects
8.03	Performs bottle watch.	A2 Trade Safety Awareness; C2 Modern Construction Materials; C4 Materials Handling for Construction Projects
8.04	Performs confined space watch.	A2 Trade Safety Awareness
8.05	Monitors heaters.	A2 Trade Safety Awareness; C2 Modern Construction Materials; C4 Materials Handling for Construction Projects
Task 9 - Uses scaffolding.		
9.01	Erects scaffolding.	G2 Scaffolding and Access Structures
9.02	Inspects scaffolding.	G2 Scaffolding and Access Structures
9.03	Maintains scaffolding.	G2 Scaffolding and Access Structures
9.04	Tends to scaffold erectors.	G2 Scaffolding and Access Structures
9.05	Dismantles scaffolding.	G2 Scaffolding and Access Structures
Task 10 - Uses access equipment.		
10.01	Uses ladders.	G2 Scaffolding and Access Structures
10.02	Uses power-elevated work platforms.	G2 Scaffolding and Access Structures
10.03	Inspects access equipment.	G2 Scaffolding and Access Structures
10.04	Maintains access equipment.	G2 Scaffolding and Access Structures
Task 11 - Forms concrete.		
11.01	Installs shoring for formwork.	D1 Overview of Concrete Projects and Practices; D2 Formwork Essentials
11.02	Sets up formwork.	D1 Overview of Concrete Projects and Practices; D2 Formwork Essentials
11.03	Checks assembled formwork.	D1 Overview of Concrete Projects and Practices; D2 Formwork Essentials; G3 Regulations, Inspections etc. for Crew Leaders
11.04	Dismantles formwork.	D2 Formwork Essentials
11.05	Maintains formwork.	D2 Formwork Essentials
Task 12 - Places and finishes concrete.		
12.01	Mixes concrete.	B1 Math Applications in the CCW Trade; C2 Modern Construction Materials; D1 Overview of Concrete Projects and Practices; D2 Formwork Essentials; D4 Practicum: Concrete Skills Demonstration Project
12.02	Transports concrete on site.	D3 Placement and Curing of Concrete; F1 Heavy Equipment Communications and Coordination
12.03	Installs components in concrete.	D1 Overview of Concrete Projects and Practices; D4 Practicum: Concrete Skills Demonstration Project

12.04	Places concrete.	D1 Overview of Concrete Projects and Practices; D3 Placement and Curing of Concrete; D4 Practicum: Concrete Skills Demonstration Project; F1 Heavy Equipment Communications and Coordination
12.05	Assists with finishing concrete.	D1 Overview of Concrete Projects and Practices; D3 Placement and Curing of Concrete; D4 Practicum: Concrete Skills Demonstration Project
12.06	Controls concrete-curing process.	D1 Overview of Concrete Projects and Practices; D3 Placement and Curing of Concrete; D4 Practicum: Concrete Skills Demonstration Project
Task 13 - Modifies concrete.		
13.01	Drills/cores concrete.	D1 Overview of Concrete Projects and Practices
13.02	Prepares concrete surface for add-ons.	D4 Repair and Maintenance of Concrete Structures
13.03	Repairs concrete.	D4 Repair and Maintenance of Concrete Structures
13.04	Installs concrete joints.	D1 Overview of Concrete Projects and Practices; D4 Practicum: Concrete Skills Demonstration Project
13.05	Refinishes concrete surfaces.	D1 Overview of Concrete Projects and Practices; D4 Repair and Maintenance of Concrete Structures
Task 14 - Installs [concrete] grout, epoxies and caulking.		
14.01	Installs grout.	C2 Modern Construction Materials; D1 Overview of Concrete Projects and Practices
14.02	Installs epoxies.	C2 Modern Construction Materials; D1 Overview of Concrete Projects and Practices
14.03	Installs caulking.	C2 Modern Construction Materials; D1 Overview of Concrete Projects and Practices
Task 15 - Prepares for masonry work.		
15.01	Sets up masonry materials.	C2 Modern Construction Materials; F1 Heavy Equipment Communication and Coordination; F2 Masonry Project Practices; G1 Jobsite Preparation and Maintenance
15.02	Mixes mortars and grout.	B1 Math Applications in the CCW Trade; C2 Modern Construction Materials; F2 Masonry Project Practices
Task 16 - Tends to bricklayers.		
16.01	Cuts masonry units.	B1 Math Applications in the CCW Trade C2 Modern Construction Materials; F2 Masonry Project Practices; F4 Senior-Level Specialties Project
16.02	Installs lintels and rough bucks.	C2 Modern Construction Materials; F2 Masonry Project Practices
16.03	Washes masonry units.	C2 Modern Construction Materials; F2 Masonry Project Practices
16.04	Assists with the installation of refractory materials.	C2 Modern Construction Materials; F2 Masonry Project Practices
16.05	Uses fireproofing materials.	C2 Modern Construction Materials; F2 Masonry Project Practices
Task 17- Installs utility piping.		
17.01	Installs pipe for water systems.	F1 Heavy Equipment Communication and Coordination; F3 Utility Project Practices
17.02	Installs pipe for sewer systems.	F1 Heavy Equipment Communication and Coordination; F3 Utility Project Practices
17.03	Installs utility components.	F3 Utility Project Practices
17.04	Modifies existing pipe.	F3 Utility Project Practices
17.05	Assists with testing water and sewer lines.	F3 Utility Project Practices

Task 18 - Performs pipeline activities.		
18.01	Constructs right-of-ways.	F1 Heavy Equipment Communication and Coordination; F3 Utility Project Practices
18.02	Performs pipeline installation.	F1 Heavy Equipment Communication and Coordination; F3 Utility Project Practices
Task 19 - Installs paving materials.		
19.01	Installs paving materials.	E1 Overview of Roadwork Projects and Practices; E2 Roadwork Project Survey and Layout; E3 Roadwork Compaction, Grading, and Allied Practices; E5 Practicum: Roadwork-Skills Demonstration Project
19.02	Modifies existing paving materials.	E4 Roadwork Repair and Maintenance; E5 Practicum: Roadwork-Skills Demonstration Project
Task 20 - Installs roadwork components.		
20.01	Installs barriers.	E1 Overview of Roadwork Projects and Practices; E2 Roadwork Project Survey and Layout; Practicum: Roadwork-Skills Demonstration Project
20.02	Installs road markings and signs.	E1 Overview of Roadwork Projects and Practices; E2 Roadwork Project Survey and Layout; Practicum: Roadwork-Skills Demonstration Project
20.03	Installs culverts.	F1 Heavy Equipment Communication and Coordination; E1 Overview of Roadwork Projects and Practices; E2 Roadwork Project Survey and Layout