

Apprenticeship & Workplace Mathematics

- Instructional Hours 90
- Pathway is intended for students who may want to pursue post secondary studies in trades, certified occupations or direct entry into the workplace
- Pathway is not a “replacement” for Essentials of Mathematics

Apprenticeship & Workplace Mathematics

- Problems and projects must be authentic, context-based and have experiences directly related to trades, certified occupations and the workforce

Apprenticeship & Workplace Mathematics

- Mathematical understandings and critical-thinking skills identified in Level 1, 2, 3 and 4 trades, certified occupations and workplace applications

Apprenticeship & Workplace Mathematics

Topics include

- Measurement (SI & Imperial Systems)
- Geometry
- Number
- Algebra
- Statistics (Grade 12 only)

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- Links to demonstrate the transferability of mathematical process to solve problems

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- Projects should form the foundation for learning

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- Conceptual and procedural understanding of mathematics should mirror HRSDC's
- <http://www.hrsdc.gc.ca>

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- National Occupation Certification (NOC): skills in mathematics to foster transferability of skills in a variety of contexts
- <http://www5.rhdsc.gc.ca/NOC-CNP/app/index.aspx?lc=E>

Apprenticeship & Workplace Mathematics

- Baker
- Cabinetmaker
- Carpenter
- Cook
- Crane & Hoisting Equipment Operator – Mobile
- Crane & Hoisting Equipment Operator – Boom
- Floor Covering Installer
- Glazier
- Hairstylist
- Heavy Equipment Operator
- Housing Maintenance
- Insulator (Heat & Frost)
- Locksmith
- Oil Burner Mechanic (Boilermaker)
- Painter & Decorator
- Partsperson
- Printing & Graphic Arts
- Roofer
- Sheet Metal Worker
- Sprinkler Systems Installer
- Welder
- Elevator Service Technician

Apprenticeship & Workplace Mathematics

- Gas Fitter
- Heavy Equipment Mechanic
- Industrial Mechanic (Millwright)
- Machinist
- Motor Vehicle Body Repairer (Auto Body Technician)
- Operating Engineer (4th class)
- Plumber
- Small Equipment Mechanic
- Steamfitter - Pipefitter
- Sawfiler
- Automotive Service Technician
- Agricultural Mechanic
- Gas Utility Operator
- Landscape Gardener
- Tool & Dye Maker
- Sprinkler Systems Installer
- Water Well Driller
- Motorcycle Mechanic
- Recreation Vehicle Service Technician
- Outdoor Power Equipment Technician
- Transport Refrigeration Mechanic

Apprenticeship & Workplace Mathematics

- Certified Occupations
- Community Government
Assistant Housing Manager
- Community Government
Finance Officer
- Community Government First
Nations Administrator
- Community Government
Housing Manager
- Community Government
Recreation Coordinator
- Community Government
Recreation Facility Operator

Apprenticeship & Workplace Mathematics

- Community Government Senior Administrator Officer
- Community Government Tenant Relations Officer
- Community Government Works Foreman
- Diamond Processing Bruter
- Diamond Processing Fancy Shape Polisher
- Diamond Processing Round Brilliant Polisher
- Diamond Processing Sawyer
- Environmental Monitor
- Fresh Water Angling Guide
- Hunting Guide
- Mineral Processing Technician
- Diamond or Gold Specialization
- Security Officer
- Warehouse Technician