

Program Information

Carpentry

2024/2025

Program Overview	The Carpentry program at MITT provides students with foundational skills in carpentry, leading towards Level 1 apprenticeship accreditation and starting the path towards Red Seal certification. The program includes essential workplace skills, health and safety training, and hands-on experience through applied building construction projects.
Area of Study	Skilled Trades
Credential	Certificate
Program Length	1 Year Full time (5 months)
Delivery	In-classroom
Work-Integrated Learning	No
Open to International Students	No
CIP Code	46.0201

Career Outcomes

- Construction Companies
- Carpentry Contractors
- Construction Contractors
- Wood Product Manufacturers
- Maintenance Departments of Large Institutions and Factories
- Governments
- Self-Employed

All Courses

Course Name	Description	Hours
Essential Workplace Skills for Carpentry (CAR-300)	Introduces the carpentry trade and construction industry, covering Manitoba's apprenticeship system, career options, emerging technologies, effective communication skills, and construction-related mathematics.	40 hours
Health and Safety (CAR-310)	Prepares students for safe work in construction, focusing on identifying workplace hazards, maintaining a safe environment, understanding the Workplace Health and Safety Act, and includes WHMIS training.	40 hours
Construction Tools, Materials, and Methods (CAR-320)	Explores the selection, use, and maintenance of hand and power tools, as well as materials commonly used in construction, emphasizing sustainability practices and efficient material use.	92 hours

Drawings and Specifications (CAR-330)	Introduces basic surveying, site layout, interpretation of construction drawings and specifications, and provides hands-on experience with site layout tools and equipment.	42 hours
Building Construction 1 (CAR-340)	Focuses on initial building construction processes, including concrete science, formwork, slabs, footings, and foundations, with practical experience in footing, floor framing, and concrete applications.	63 hours
Building Construction 2 (CAR-350)	Expands knowledge of construction by covering roof and wall constructions, focusing on framing projects, and includes topics like temporary access equipment and wall forms.	63 hours
Building Construction 3 (CAR-360)	Develops skills in building construction finishing, covering materials, processes, and applications of interior and exterior finishing, including layout and installation of wall, ceiling, and roof coverings; windows and doors; and flooring.	80 hours
Applied Building Construction (CAR-370)	Provides opportunities to apply accumulated knowledge and skills through real-world carpentry projects, emphasizing professionalism, work skills, and includes career readiness workshops to prepare for apprenticeships.	48 hours