



## Introduction to Construction Trades

W.C. Miller Collegiate - Altona  
Morden Collegiate- Morden

Introduction to Construction Technology (ICT) is a single semester which introduces students to basic carpentry and piping skills used in many industries today. The Carpentry and Piping Trades shops are used to familiarize students with the tools and processes of two interrelated trades. Students are introduced to common practices in the carpentry and piping profession including safety, reading blueprints, tools and equipment and participating in trade based projects. Students can also use this semester to help them decide on which of the two programs they would like to specialize in.

In the ICT semester, the student spends half of the time in each of the two shops mentioned above. The student spends approximately ten weeks studying the introductory skills of each of the two trades. The skill learned in any one of the shops may then be applied in the other shop to increase the student's level of proficiency in the trades.

While at W.C. Miller Collegiate Carpentry program, students will identify, explore, and work with various wood projects while developing technical skills with various hand and power tools common to the carpentry trade. They will also develop skills in communication through drafting, and apply basic math concepts to solve trade-related problems.

While in Morden for the Piping Trades portion of the semester, students learn to construct, repair and maintain piping systems, fixtures and appliances in all types of buildings and structures. It introduces students to many aspects of the piping trades including the use of hand tools, portable power tools and other equipment used in the industry. Students will practice threading pipe, soldering, and construct projects using a variety of piping materials.

### The ICT courses include:

8859	Exploration of Plumbing & Piping Trades- Morden	10S
9174	Exploration of Technical Vocational Education- Morden	40S
8584	Intro to Carpentry- Altona	10S
7994	Construction Technology- Altona	40S

The Red River Technical Vocational Area is a cooperative partnership of five southern Manitoba school divisions dedicated to increasing student access to technical education options. More information on the RRTVA and its programs is available at [www.rrtva.ca](http://www.rrtva.ca)