



CREDENTIAL	PROGRAM CODE	AREA OF INTEREST	LOCATION	DURATION
Ontario College Certificate	Trades Stream Program Code: 0369 Technology/Aviation Stream Program Code: 0359	Skilled Trades	Thunder Bay	1 -year

**Overview**

You've decided – a career in trades or technology/aviation is the right path for you. But what if you don't have all the requirements?

Upgrade your skills and prepare for a successful future in trades with Confederation College's Pre-Technology - Trades program. This comprehensive program enhances your readiness for various trades and apprenticeship programs, including Carpentry and Renovation Techniques, Welding, Mechanical Techniques, and Motive Power Techniques – Automotive.

Designed to build a solid foundation, this program focuses on essential skills needed in the trades. Core courses cover applied math for trades, computers, trades science, and writing strategies. You'll develop practical knowledge and hands-on skills crucial for success in trade-related fields.

Whether you're looking to start a new career or enhance your existing skills, the Pre-Technology - Trades program provides the perfect stepping stone to your future in the trades industry.



**Top Highlights**

- Upgrade your skills and learning to prepare you for a career in trades, technology, or aviation
- Get specialized training depending on what program you plan to take
- Get a solid head start on your future programs



**Testimonial**

The pre-technology program is a challenging, yet excellent program for students who are looking to prepare themselves for a career in any technology or trade. Pre-technology solidified my dedication to my career choice of Aviation-Flight Management. If you're ready for a rewarding challenge, I recommend Pre-Technology to any student looking to further their dream.

Sara T. / Alumna



**Trevor Warren, M.Sc, B.Ed.**  
**Program Coordinator**

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# Pre-Technology

## Admission Requirements

- Ontario Secondary School Diploma (or equivalent) with courses from the College (C), University (U), University/College (U/C), or Open (O) preparation levels with Grade 12 English (C/U) Level.
- or successful completion of the Mature Student Assessment.
- or successful completion of the General Education Development Test (GED).
- or appropriate credits from the Academic and Career Entrance program (ACE).

## Alternate Pathways:

Upon successful completion of the certificate, you will have the skills and academic requirements to receive an offer of admission to an aviation, trades, technician or technology post-secondary program. You will be able to think critically and use problem-solving techniques, achieve basic vocational knowledge, develop a vocational direction, and possess particular life skills essential for personal, student and career success.

## Trade stream first semester

CS030 Communication for trades  
MA108 Math for trades 1  
TP105 Logic and Reason  
TP115 Computers 1  
TP125 Science 1

*Pick one of these (first 7 weeks)*

TP010 Aerospace manufacturing  
TP020 Motive Power

*Pick one of these (second 7 weeks)*

TP015 Aircraft Maintenance  
TP025 Welding

## Trade stream second semester

MA208 Math for trades 2  
SY066 Sociology of Community:  
The Indigenous Context  
TP215 Computers 2  
TP225 Science 2  
TP245 Project Planning

*Pick one of these (first 7 weeks)*

TP030 Aviation/Pre-Flight 1  
TP020 Civil Engineering/Carpentry

*Pick one of these (second 7 weeks)*

TP015 Aviation/Pre-Flight 2  
TP025 Electronics/Circuitry

## Tech/Aviation First semester

CS050 Communication for Technology  
MA115 Math for technology 1  
TP105 Logic and Reason  
TP115 Computers 1  
TP125 Science 1

*Pick one of these (first seven weeks)*

TP010 Aerospace manufacturing  
TP020 Motive Power

*Pick one of these (second seven weeks)*

TP015 Aircraft Maintenance  
TP025 Welding

## Tech/Aviation stream second semester

MA215 Math for technology 2  
SY066 Sociology of Community:  
The Indigenous Context  
TP215 Computers 2  
TP225 Science 2  
TP245 Project Planning

*Pick one of these (first 7 weeks)*

TP030 Aviation/Pre-Flight 1  
TP020 Civil Engineering/Carpentry

*Pick one of these (second 7 weeks)*

TP015 Aviation/Pre-Flight 2  
TP025 Electronics/Circuitry



**Have questions? Want to apply?**  
Contact [recruitment@confederationcollege.ca](mailto:recruitment@confederationcollege.ca)

