

# > INTRO TO TRADES DUAL CREDIT PATHWAY

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## TRA1131 - INTRODUCTION TO THE TRADES\*

Offered in the Fall + Winter semesters

**Delivery Method:** Online asynchronous + on-campus labs

**Total Hours:** 75

**College Credits:** 3

**High School Credits:** 5

**Pre-Requisites:** None

**Materials Cost:** \$250 (approx.)

### Course Description:

As an introductory course, students will explore and experience 12 trades including plumber, welder, carpenter, electrician, power line technician, wind turbine technician, automotive technician, heavy equipment technician, agricultural heavy equipment technician, parts technician, cook, and baker. Students will participate in both online knowledge-based work complemented with a hands-on component to developing key skills in each specific trade. This course will develop students' appreciation for trades and give them a better understanding of their own aptitude and interests.

### Course Outcomes:

1. Recognize their own aptitude and interests within the trades.
2. Demonstrate an introductory understanding of each individual trade.
3. Apply basic safety practices within each trade.
4. Apply knowledge of each trade skill set to lab situations.
5. Apply knowledge of tools to a lab situation.

### Assessments:

- Quizzes
- Labs
- Portfolio

### Required Equipment & Materials:

- Personal Protective Equipment (Safety glasses, coveralls, steel-toe boots)

### Transferability:

- *Approved Elective for:* General Arts and Sciences
- *External Transfer Equivalent at:* No transfer opportunities offered at this time.

*\* Presented in partnership with Holy Spirit Catholic School Division, Horizon School Division, Palliser School Division, Lethbridge School Division, Livingstone Range School Division and Westwind School Division. Courses will only be available to students attending the divisions listed above.*

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## TRA1132 - INTRODUCTION TO TRANSPORTATION TRADES\*

Offered in the Winter semester

**Delivery Method:** Online asynchronous + on-campus labs

**Total Hours:** 76

**College Credits:** 3

**High School Credits:** 5

**Pre-Requisites:** None

**Materials Cost:** \$250 (approx.)

### Course Description:

Students will explore automotive, heavy-duty, agriculture equipment, and parts trades. Students will participate in both online knowledge-based work, complemented with a hands-on component to developing key skills in each specific trade. This course will develop students' appreciation for automotive, heavy-duty, agriculture equipment, and parts trades, giving them a refined understanding of their own aptitude and interests.

### Course Outcomes:

1. Evaluate your own aptitude and interests within automotive, heavy-duty, agriculture equipment, and parts trades.
2. Demonstrate awareness of automotive, heavy-duty, agriculture equipment, and parts trades environments.
3. Apply safe work practices within automotive, heavy-duty, agriculture equipment, and parts trades.
4. Apply knowledge of automotive, heavy-duty, agriculture equipment, and parts trades occupational skill sets to lab situations.
5. Apply knowledge of tools to automotive, heavy-duty, agriculture equipment, and parts trades.
6. Recognize the relationship between automotive, heavy duty, agriculture equipment, and parts trades.

### Assessments:

- Quizzes
- Labs
- Assignments
- Discussions
- Portfolio

### Required Equipment & Materials:

- Personal Protective Equipment (TBD)

### Transferability:

- *Approved Elective for:* General Arts and Sciences
- *External Transfer Equivalent at:* No transfer opportunities offered at this time.

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## TRA1133 - INTRODUCTION TO ELECTRICAL TRADES\*

Offered in the Fall semester

**Delivery Method:** Online asynchronous + on-campus labs

**Total Hours:** 60

**College Credits:** 3

**High School Credits:** 5

**Pre-Requisites:** None

**Materials Cost:** \$250 (approx.)

### Course Description:

Students will explore electrical and wind turbine technician trades. Students will participate in online knowledge-based work, complemented with a hands-on component to developing key skills in each specific trade. This course will develop students' appreciation for electrical and wind turbine technician trades, giving them a refined understanding of their own aptitude and interests.

### Course Outcomes:

1. Evaluate your own aptitude and interests within electrical and wind turbine technician trades.
2. Demonstrate awareness of electrical and wind turbine technician trades environments.
3. Apply safe work practices within electrical and wind turbine technician trades.
4. Apply knowledge of electrical and wind turbine technician trades occupational skill sets to lab situations.
5. Apply knowledge of tools to electrical and wind turbine technician trades.

### Assessments:

- Quizzes
- Labs
- Assignments
- Discussions
- Portfolio

### Required Equipment & Materials:

- Personal Protective Equipment (TBD)

### Transferability:

- *Approved Elective for:* General Arts and Sciences
- *External Transfer Equivalent at:* No transfer opportunities offered at this time.

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## TRA1134 - INTRODUCTION TO CONSTRUCTION TRADES\*

Offered in the Winter semester

**Delivery Method:** Online asynchronous + on-campus labs

**Total Hours:** 70

**College Credits:** 3

**High School Credits:** 5

**Pre-Requisites:** None

**Materials Cost:** \$250 (approx.)

### Course Description:

Students will explore carpentry, welding, and pipetrades. Students will participate in both online knowledge-based work, complemented with a hands-on component to developing key skills in each specific trade. This course will develop students' appreciation for carpentry, welding, and pipetrades trades, giving them a refined understanding of their own aptitude and interests.

### Course Outcomes:

1. Evaluate your own aptitude and interests within carpentry, welding, and pipetrades.
2. Demonstrate awareness of carpentry, welding, and pipetrades environments.
3. Apply safe work practices within carpentry, welding, and pipetrades.
4. Apply knowledge of carpentry, welding, and pipetrades occupational skill sets to lab situations.
5. Apply knowledge of tools to carpentry, welding, and pipetrades.

### Assessments:

- Quizzes
- Labs
- Assignments
- Discussions
- Portfolio

### Required Equipment & Materials:

- Personal Protective Equipment (TBD)

### Transferability:

- *Approved Elective for:* General Arts and Sciences
- *External Transfer Equivalent at:* No transfer opportunities offered at this time.

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## TRA1135 - INTRODUCTION TO CULINARY TRADES\*

Offered in the Winter semester

**Delivery Method:** Online asynchronous + on-campus labs

**Total Hours:** 74

**College Credits:** 3

**High School Credits:** 5

**Pre-Requisites:** None

**Materials Cost:** \$150 (approx.)

### Course Description:

Students will explore the culinary field through different thematic culinary experiences. Students will participate in both online knowledge-based work, complemented with a hands-on component to developing key skills in each specific trade that are applicable to everyday life. This course will develop students' appreciation for culinary trades, refining their own skills, aptitude, and interests.

### Course Outcomes:

1. Evaluate your own aptitude and interests within cooking and baking trades.
2. Demonstrate awareness of cooking and baking trades environments.
3. Apply safe work practices when cooking and baking.
4. Apply knowledge of cooking and baking trades occupational skill sets in lab situations.
5. Apply knowledge of equipment when cooking and baking

### Assessments:

- Quizzes
- Labs
- Assignments
- Discussions
- Portfolio

### Required Equipment & Materials:

- Personal Protective Equipment (TBD)

### Transferability:

- *Approved Elective for:* General Arts and Sciences
- *External Transfer Equivalent at:* No transfer opportunities offered at this time.

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# > HAVE QUESTIONS?

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For questions on Dual Credit programming, please contact the following departments:

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