



# Intermediate Welding

WLD 2167

Dual Credit Program through Olds College, ONSITE September 22 - December 14 2022

## Program Description

Students will further their understanding of safety and welding practices utilizing oxy-acetylene, Plasma Arc Cutting (PAC), Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Gas Tungsten Arc Welding (GTAW) processes used widely by industry today

## Student Eligibility and Prerequisites

**Applications for this program are open to all CESD students:**

1. Who are excited about learning and sharing their ideas
2. Who are in grades 11 or 12 and who have an interest in learning about welding.
3. Who are able to commit to the duration of the program, participating in learning activities and completing assignments and tests as scheduled, and who can attend regularly for seven ONSITE days at Olds College.
4. **Prerequisite: TEC 1000 & WLD 1167**

## Chinook's Edge School Division Dual Credit

### Important Dates

- **Applications due: Friday September 16, 2022**
- **Schedule:** ONSITE- School Counsellors will receive a schedule delegated to your school, that will encompass your 7 on-site days at Olds College.

### Program Benefits

1. Earn 2 30-level high school options credits
2. Earn 3 post-secondary credit without paying post-secondary tuition
3. Reduce stress associated with the transition from high school to post-secondary
4. Experience a post-secondary trades learning environment
5. Explore potential Post Secondary and career options

### Estimated Costs

1. Tuition - \$0 (**savings of approximately \$500**)
2. Textbooks (60) and materials (50) - \$110 (estimated)
3. PPE: steel toed boots, gloves, and safety glasses required; coveralls recommended. Responsibility of the student.

### Course Outline

Students who successfully complete this course will demonstrate competencies in the following areas:

- A. Adhere to safe work practices required in the welding environment.
- B. Perform oxy-acetylene welding for fabrication or repair purposes.
- C. Perform plasma arc cutting (PAC)
- D. Perform shielded metal arc welding (GMAW)
- E. Perform introductory gas tungsten arc welding (GTAW)

## Additional Information

- Students' marks will appear on their high school transcript as well as their post-secondary transcript.
- Students should have the support and guidance of their parents if they are to pursue online dual credit opportunities.
- Deadlines Matter! Students must be able to communicate with the instructor and the key school contact when alternative arrangements need to be made.
- The student understands the expectations of the ONSITE dual credit program by realizing that they should be working on these opportunities for a minimum of 1-2 hours a week.