

**NORTHERN LIGHTS COLLEGE
REGISTRAR'S OFFICE
PROGRAM INFORMATION AND COMPLETION GUIDE**

Program Name: Welder Apprenticeship

Credential/Certification: NLC reports final grading information to the ITA for credentialing purposes.

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Program Description: A Welder is a person who has training in and is capable of welding ferrous and non-ferrous metals in all positions, on both plate and/or pipe, using SMAW, GTAW, and FCAW processes. Welders use manual or semi-automatic welding equipment. They use flame-cutting, brazing and air-arc welding equipment. Additionally, they use machines such as brakes, shears and other metal straightening and bending machines. Welders generally plan work from drawings or by analyzing the job tasks, determine the materials required and welding processes, then use their knowledge of welding to complete the job. They may specialize in certain types of welding such as custom fabrication, ship building and repair, pressure vessel welding, pipeline construction welding, structural construction welding or machinery and equipment repair welding. Workers use blueprint symbols to determine machining operations. They check product specifications using precision measuring instruments, and maintain equipment and replace parts when required.

Certified welders will qualify to test for Pressure Welding Procedure tests in British Columbia (PWP), BCP-100. Pressure procedure tests are administered by the BC Safety Authority.

Welders use a logbook to record training, competencies, certifications, endorsements and employment history.

Admission Requirements: Admission eligibility as per the Industry Training Authority

Length of Program: (weeks and total hours) 26 weeks (780 hours)

Program Intake: (start/finish dates) Please refer to the Trades training Schedule

Available Seats: 16

Application Deadline: 1 week prior to class start

Career Prospects: Welders are in high demand in western Canada. Wages and job prospects are well above the national average.

Affiliations/Partnerships: Industry Training Authority

Location: Dawson Creek

Additional Requirements/Supplies: (fees, supplies, materials)

Students will sign and adhere to the Trades and Apprenticeship Rules and Regulatory Practices for Students Policy

CSA approved leather boot with safety toe and shank, clear lense safety glasses and flame resistant coveralls - welders' safety clothing.

Eligibility for Canada Student Loans: (Yes or No)

Yes

Required Minimum Grade: (overall and/or minimum within a course)

70%

Residency Requirement: (percentage of courses which must be taken at NLC)

100%

Required Courses: (list courses required to complete credential and total hours for each course)

WELA 100 (240 hours)

WELA 200 (240 hours)

WELA 300 (300 hours)