

Electrical Wiring and Construction

OFNE Community Model for Education | Dale Mundle
Office of First Nations Education & Anglophone School District North



PROGRAM OVERVIEW

The ASD-N ICE Centre is a career education centre that offers students an opportunity to explore a possible career paths while developing hands on skills. Students will earn credits from their High School while also earning possible NBCC credits or workplace certification.

Through collaboration with the office of First Nations Education the Community Model for Education was developed and launched in the Anglophone North School District. The Community Model for Education allows students attend class in their community, while also working with community members and organizations to complete a community project by the end of the course. Students will work with a Certified Teacher, a Subject Matter Expert and a Community Builder throughout the course. This allows for a collaborative approach to education and ensure students get the skills they need to succeed.

Our objective is to provide students with the opportunity to explore a possible career path, engage with their community and develop a plan for their future.

COURSE DESCRIPTION

The Electrical & Construction course is designed to offer students an opportunity to gain hands on skills in residential electrical construction project. The course will primarily focus on the electrical components of residential constructions however we will ensure student gain a strong understanding of how all trades work together in construction projects.

Electrical specialists who enjoy the grit and physical demands of building projects will find rewarding work on construction and renovation teams. Electricians are relied upon for their expertise at electrical systems installation and operation. In accordance with the Canadian Electrical Code and the National Building Code, students will learn fundamental wiring practices, pipe threading and bending techniques, cable tray installation, and other necessary skills. With smart technology on the rise, trained Electricians are value-added members of modern construction teams.

ASSESSMENT

For this course you will earn 2.0 credits.

1.0 Credit – Electrical Wiring 120 and 1.0 Credit in Cooperative Education.

Assessment for Electrical Wiring 120

Occupational Health and Safety Legislation	20 %
Hand Tool, Power Tools & Fasteners	15 %
Design & Governance	10 %
Electrical Code	15 %
Motor Controls	10 %
Remote Control Wiring	10 %
Heating Systems	10 %
Raceway wiring & Single-Phase Service	10 %

Assessment for Career Exploration 110

Career Exploration	30%
Work Search & Preparation	20%
Workplace Safety, Rights and Responsibilities	10%
Workplace & Career Training	40%