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# Fabrication 10/20

Instructor’s Name: William Cox

School’s Phone Number: 780 623-4271

Instructor’s e-mail address: William.cox@nlsd.ab.ca

# RESOURCES

1. Texts: Welding and Metal Fabrication, Welding Skills, Modern Welding
2. Supplies

* School Supplied
* Student Supplied: pencil and pen

# COURSE OBJECTIVES

The goal for students is to achieve a greater understanding of the world of Welding and Fabrication. By doing a wider variety of hands on learning, the student will get an idea of Fabrication related career opportunities.

**CTS and Fine Arts Assessment Policy**

\*Student achievement of course outcomes will be evaluated through a triangulation of data that is ongoing from formative and summative assessments throughout the year.

\*Effective feedback may include scoring guides, rubrics, benchmarks, exemplars, written feedback or checklists that support student achievement and provide summative evidence of learning.

\*Students will be provided with opportunities to replace zeros and incomplete assignments or activities if they display competence on alternative assessments or assignments

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# CONTENT

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| **Fab 10** | **Fab 20** |  |
| Fab 1010  FABRICATION TOOLS & MATERIALS | Fab 2020  PRINT READING |  |
| Fab 1048  SEMI-AUTOMATED/AUTOMATED WELDING | Fab 2050  ARC WELDING 1 |  |
| Fab 1050  BASIC ELECTRIC WELDING | Fab 2060  ARC WELDING 2 |  |
| Fab 1110  BAR & TUBULAR FABRICATION | Fab 2070  GAS METAL ARC WELDING 1 |  |
| Fab 1160  Production Systems | Fab 2160  CUSTOM FABRICATION |  |
| Fab 1100  FABRICATION PRINCIPLES | Fab 2910  Fab Project B |  |
| Fab 1910  FAB PROJECT A | Fab 2920  Fab Project C |  |

*\*Each module is worth 1 credit, course outlines may change to better suit student interest areas.*

# COURSE EVALUATION

(Criteria and Value)

1. Practical Tasks 60%
2. Tests 30%

3. Safety 10%