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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 Mechanics. By doing a wider variety of hands on learning, the student will get an idea of Mechanic related career opportunities.

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**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

# CONTENT

|  |  |  |
| --- | --- | --- |
| **Mec 10** | **Mec 20** | **Mec 30** |
| Mec 1010MODES & MECHANISMS | Mec 2030Lubrication & Cooling | Mec 3010Buying & Selling Vehicles |
| Mec 1015Tools and materials | Mec 2040Fuel & Exhaust Systems | Mec 3020Vehicle Value Appraisal |
| Mec 1040Engine Fundamentals\ | Mec 2060Ignition Systems | Mec 3910Mec Project D |
| Mec 1130Mechanical Systems | Mec 20090ELECTRICAL COMPONENTS | Mec 3920Mec Project E |
| Mec 1110PNEUMATICS & HYDRAULICS | Mec 1220Braking systems |  |
| Mec 1020Vehicle Service Care | Mec 2010VEHICLE DETAILING |  |
| Mec 1090Electrical Fundamentals | Mec 2020Vehicle Maintenance |  |
| Mec 1190Surface Prep 1 | Mec 2910Mec Project B |  |
| Mec 1910Mec Project A | Mec 2920Mec Project C |  |
| Mec 1065Mec Welding Fundamentals |  |  |

*\*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. Assignments 30%

3. Safety 10%