



CROCUS PLAINS REGIONAL SECONDARY SCHOOL COURSE OUTLINE AND ASSESSMENT GUIDE

Course Name: WTC 30S *Basic SMAW Procedures*

Teacher's Name: Mr. Irwin

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Course Description: Students taking this course will be learning and practicing skills with different rods, and different positions than grade 10. They will be using some thicker materials, and be introduced to the open root welds along with the CWB style weld for level 1 certification.

Units of Study

Unit Title	Learning Outcomes	Assessment Plan	Proposed Time (Based on ~ 75 school days)
Practical welding	Safety training 6010, 10 pass pad 7018, 10 pass pad 6010 flat lap 7018 flat lap 6010 corner flat 7018 corner flat 6010 double V butt 6010 v- butt, flat Weld faults 6010 corner, horz. 7018 corner, horz. 6010 double v butt, horz. 6010 V butt, horz. TIG notes TIG flat lap TIG flat corner Weld symbols notes 6010 inside corners flat 7018 inside corners flat 6010 inside corners, horz. 7018 inside corners, horz. Candlestick project Plasma cam project	<u>Formative Assessment:</u> Feedback on each type of weld, what the student may need to try in order to improve their weld. Allows the student to understand what makes a good weld and asking them to assess their own welding abilities.	2 days 2 days 2 days 2 days 2 days 2 days 2 days 10 days 15 days 2 days 2 days 2 days 10days 10 days 2 days 3 days 3 days 3 days 2 days 2 days 2 days 3 days 3 days <u>Summative Assessment:</u> Grading rubrics will be used to assess abilities and understanding of tasks. 65% of total mark.

Employability Skills	Follow safe work procedures Good housekeeping Proper use of PPE Fire/ Burn hazard awareness Safe/ proper use of shop tools and equipment	<u>Formative Assessment</u> Regular communications about shop expectations, and how to adapt to an employer's expectations. <u>Summative Assessment</u> Rubrics will be used to grade on quality, appearance, and workmanship. 10% of total mark	Evaluated monthly and is graded on day to day skills.
Final tests	Mid Term Final Practical	<u>Formative Assessment</u> Provide feedback about appearance and fit up. <u>Summative Assessment</u> Rubric to grade on fit up, weld quality, appearance, and workmanship. 25% of total mark.	2 days 2 days

Assessment Guidelines

There are various purposes for assessment:

- Assessment *for* learning (**formative assessment**): where assessment helps teachers gain insight into what students understand in order to plan and guide instruction, and provide helpful feedback to students.
- Assessment *of* learning (**summative assessment**): where assessment informs students, teachers and parents, as well as the broader educational community, of achievement at a certain point in time in order to celebrate success, plan interventions and support continued progress.

Academic Achievement

Grades will be calculated on summative assessment information only. The final calculation will be a fair reflection of a student's achievement of the learning outcomes.

Term Work 75 %

Final Assessment 25 %

- Provincial Standards Exam
- Final Exam
- Final Project/Assignment
- N/A

Learning Behaviours

Assessment and reporting of learning behaviors will be according to the Brandon School Division Learning Behaviors Rubric.