



## 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	<u>Formative Assessment:</u>	2 days
	6010, 10 pass pad	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
	7018, 10 pass pad		2 days
	6010 flat lap		2 days
	7018 flat lap		2 days
	6010 corner flat		2 days
	7018 corner flat		2 days
	6010 double V butt		10 days
	6010 v- butt, flat		15 days
	Weld faults		2 days
	6010 corner, horz.		2 days
	7018 corner, horz.		2 days
	6010 double v butt, horz.		10days
	6010 V butt, horz.		10 days
	TIG notes		2 days
	TIG flat lap		3 days
	TIG flat corner		3 days
	Weld symbols notes		3 days
	6010 inside corners flat		2 days
	7018 inside corners flat		2 days
	6010 inside corners, horz.	2 days	
	7018 inside corners, horz.	3 days	
	Candlestick project		3 days
Plasma cam project			
	<u>Summative Assessment:</u>		
	Grading rubrics will be used to assess abilities and understanding of tasks. 65% of total mark.		

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

## **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.