



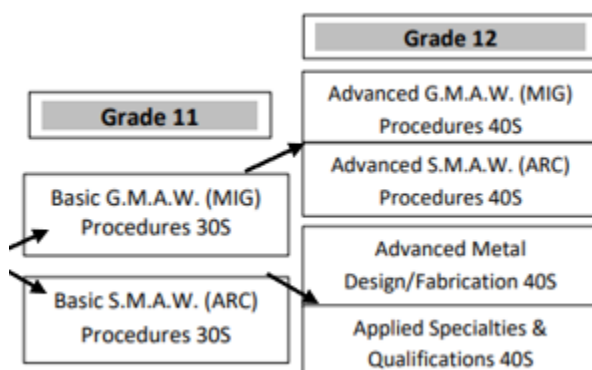
CROCUS PLAINS REGIONAL SECONDARY SCHOOL COURSE OUTLINE AND ASSESSMENT GUIDE

Course Name: WTC 30S Basic Shielded Metal Arc Welding

Teacher's Name: Mr. Byczkowski

Contact Information: byczkowski.jeremy@bsd.ca or by phone 729-3928

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)
Written Work	Safety Training	<u>Formative Assessment</u> Assessment may include:	2 days
	Weld Faults	Questions and quizzes to determine students understanding. Smart response questions, and oral questioning.	2 days
	TIG Welding		2 days
	Electrodes	<u>Summative Assessment:</u> Final tests/ assignments for each unit.	2 days

Unit Title	Learning Outcomes	Assessment Plan	Proposed Time (Based on ~ 75 school days)
Practical tests	6010 Flat Multi-Joint 6010 Horizontal Multi-Joint 7018 Flat Multi-Joint 7018 Horizontal Multi-Joint 6010 Flat V-Butt 6010 Horizontal V-Butt Mid Term Final Practical	<u>Formative Assessment</u> Assessment may include: Day to day instruction and monitoring of techniques and quality. <u>Summative Assessment:</u> Assessment will be done based on practical shop tests.	7-10 Days 7-10 Days 7-10 Days 7-10 Days 7-10 Days 7-10 Days 5 Days 5 Days
Shop Maintenance Workplace Expectations	Adaptability and effort Follows direction and feedback Use of safety in the workplace Constructive Use of Shop Time Shop Maintenance	<u>Formative Assessment</u> Regular communications about shop expectations, and how to adapt to an employer's expectations. <u>Summative Assessment</u> Grading rubric will be used to assess skills	Evaluated monthly and is graded on day to day skills.

Projects	Candlestick	<u>Formative Assessment</u> may include:	4 days
	Plasmacam Logo	Feedback on each type of weld, what the student may need to try in order to improve their work. Allows the student to understand what makes a good project and asking them to assess their own fabricating abilities.	3 days
	Skills Project	<u>Summative Assessment</u> Students will submit their finished project to be marked.	5 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.

Written Work..... 20 % Practical Work 35 %
 Projects..... 10 % Final Assessment..... 25 %
 Shop Maintenance/ Workplace expectations 10 %

Learning Behaviours

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