



**CONSTRUCTION 1180 – MOULD MAKING & CASTING**

CON1180

1 Credit Course

<b>Course Overview</b>	Students apply knowledge of casting and moulding materials and processes to prepare a mould and produce a casting.												
<b>Prerequisite</b>	<i>Please refer to Alberta Education’s Provincially Authorized Senior High School Courses and Course Codes Document</i>												
<b>Required Materials &amp; Resources</b>	<ul style="list-style-type: none"> <li>All materials, tools, and machines are provided in our CTS lab</li> </ul>												
<b>Learning Outcomes</b>	<p><b><i>The student will demonstrate an ability to:</i></b></p> <ol style="list-style-type: none"> <li>list and describe common materials and processes used in casting/moulding</li> <li>apply principles of pattern making to create a simple mould</li> <li>cast and finish a product, using the appropriate skills, materials and processes</li> <li>demonstrate basic competencies</li> <li>make personal connections to the cluster content and processes to inform possible pathway choices</li> </ol>												
<b>Note</b>	<b><i>Within Alternative Education all teachers are required to follow a common course outline and gradebook set up.</i></b>												
<b>Assessment</b>	<p>The student’s grade is determined by the knowledge the student has acquired based on the program of studies and the skills the student is able to show in articulating his or her knowledge.</p> <p>The student’s grade will be calculated based on the following:</p> <p><b>Coursework – 100%</b></p> <p><i>*There is no final exam for this course</i></p>												
<b>Topics of Study</b>	<table border="1"> <thead> <tr> <th>ASSIGNMENT</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Safety Practice in Lab</td> </tr> <tr> <td>2</td> <td>Knowledge of Processes</td> </tr> <tr> <td>3</td> <td>Skill Demonstrated</td> </tr> <tr> <td>4</td> <td>Quality of Workmanship</td> </tr> <tr> <td>5</td> <td>Cooperativeness with Crew</td> </tr> </tbody> </table>	ASSIGNMENT	DESCRIPTION	1	Safety Practice in Lab	2	Knowledge of Processes	3	Skill Demonstrated	4	Quality of Workmanship	5	Cooperativeness with Crew
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<b>An Important Note About Assessment</b>	A wide range of assessment information is used in the development of a student’s final grade. Within Alternative Education, individualized assessments provide specific information regarding student progress and overall performance in the course. Student assessments may vary from student to student to adapt to differences in student needs, learning styles, preferences and paces. The teacher will apply best teaching practices to determine appropriate assessment.												
<b>TEACHER’S CONTACT INFORMATION:</b>													
<b>Teacher’s Name:</b>													
<b>Teacher’s Phone Number:</b>													
<b>Teacher’s Email Address:</b>													