

# Practical and Applied Arts 30

Course Outline 2020-2021

<b>Course Name:</b>	<b>PAA 30</b>	<b>Credits:</b>	1.0
<b>Prerequisites:</b>	PAA 20		
<b>Teacher:</b>	Mr. Neudorf		

<b>Course Description:</b>
The overall aim of Practical and Applied Arts is to reinforce essential theory and practice, and to apply a variety of skills in context. The aim of this survey course is to enhance the quality of a student's personal life, develop appropriate attitudes for lifelong learning, apply and enhance knowledge, and enhance opportunities for the transition from the world of school to the world of work.

<b>Course Overall Expectations:</b>	
<b>Strand</b>	<b>Overall Expectations</b>
Lifelong Learners	The Practical and Applied Arts are closely related to careers found in Saskatchewan and, therefore, are directly connected to lifelong learning whether in a professional career or through hobbies and personal interests.
Sense of Self	To engage in the Practical and Applied Arts, students need not only to use knowledge and skills but to interact with each other. Students use their new understanding and skills to explore who they are and who they might become.
Engaged Citizen	Practical and Applied Arts students learn how new skills and abilities enable them to make a difference in their personal lives as well as in their family and community.

<b>Unit Overview</b>	<b>Assessments and Evaluation Methods</b>
Shop Safety <ul style="list-style-type: none"> <li><i>express knowledge of safe handling of materials according to WHMIS</i></li> <li><i>Research and discuss OHandS regulations</i></li> <li><i>Complete safety assessment</i></li> </ul>	Oral Quiz Written Quiz
Welding 10	

<i>Part 3</i> <ul style="list-style-type: none"> <li>• <i>demonstrate the specified cuts on the provided materials using oxy-acetylene torch</i></li> <li>• <i>GMAW welding</i></li> <li>• <i>GTAW welding</i></li> </ul>	<i>Written assignments</i> <i>Welding assignments</i> <i>Welding project</i>
Woodworking <i>Part 3</i> <ul style="list-style-type: none"> <li>• <i>advanced joints</i></li> <li>• <i>project estimating and construction</i></li> </ul>	<i>Woodworking assignments</i> <i>Woodworking project</i>
Lathe Project <ul style="list-style-type: none"> <li>• <i>wood types</i></li> <li>• <i>project estimating and construction</i></li> </ul>	<i>Lathe project</i>
Small Engines <ul style="list-style-type: none"> <li>• <i>small engines theory</i></li> <li>• <i>tear down and build</i></li> </ul>	<i>Small Engine project</i>
Electrical <ul style="list-style-type: none"> <li>• <i>electrical theory</i></li> <li>• <i>electrical circuits</i></li> </ul>	<i>Written assignments</i> <i>Electrical Project</i>
Construction <ul style="list-style-type: none"> <li>• <i>roof systems</i></li> <li>• <i>shed construction</i></li> </ul>	<i>Written assignments</i> <i>Shed project</i>
Photography <ul style="list-style-type: none"> <li>• <i>photography theory</i></li> <li>• <i>photography portfolio</i></li> </ul>	<i>Written assignment</i> <i>Photography portfolio</i>
Drafting and 3D Printing <ul style="list-style-type: none"> <li>• <i>drafting basics (Sketchup/TinkerCAD)</i></li> <li>• <i>3D Printing</i></li> </ul>	<i>Drafting assignments</i> <i>3D Printing project</i>

### Assessment and Evaluation Categories and Weights:

Evaluation Weight	
Projects <ul style="list-style-type: none"> <li>• <i>This is a project-based course, therefore the project grades will be weighted accordingly.</i></li> </ul>	<b>60%</b>
Shop Safety <ul style="list-style-type: none"> <li>• <i>safety test</i></li> <li>• <i>safety assignments</i></li> </ul>	<b>15%</b>
Shop Work <ul style="list-style-type: none"> <li>• <i>practical assignments</i></li> <li>• <i>theory assignments</i></li> </ul>	<b>25%</b>

## Late Policy:

If assignments are not submitted on time, you will be required to complete them in lunch lab. If you are unable to hand in a major project within a week of the due date, the assignment will change, and you will be required to submit a new project.



## Attendance:

You are expected to be in class on-time. If you are not in class by the time the instructor arrives, you will be given a late. For every three lates you receive, you will need to spend one lunch hour in detention. If lates continue to be a problem, further steps will be taken.

