

# Year 7 Metal Work

## Term 1 Course Outline

In this course, students develop and apply essential OHS skills and follow workshop organisation and procedures over a ten-week course. Students in this unit will work in and complete this booklet, which contains safety worksheets and process designs for practical projects. This course is heavily practical based and students will make two small metalwork projects over the term which they will take home. An understanding of material manipulation and problem solving, taking into account ethics, environment and social sustainability will be developed over the term. By the end of the unit, students will be signed off on most of the machinery within the workshop allowing them to have developed basic skills, in which they can carry on through to later high school years.

### Learning Outcomes

*Students will be assessed on the following Learning Outcomes:*

- 7/8.981 - Creates designed solutions for each of the prescribed technologies contexts based on an evaluation of needs or opportunities.
- 7/8.982 - Develops criteria for success, including sustainability considerations, and uses these to judge the suitability of ideas and designed solutions and processes.
- 7/8.983 - Creates and adapts design ideas, makes considered decisions and communicates to different audiences using appropriate technical terms and a range of technologies and graphical representation techniques.
- 7/8.984 - Applies project management skills to document and use project plans to manage production processes.
- 7/8.985 - Independently and safely produces effective designed solutions for the intended purpose.

### Assessment Tasks

*Students will be assessed on their participation and completion of classwork and assessment tasks.*

Task	Week Due
A Wind Spinner	Term 1, Week 4
The Holder Project	Term 1, Week 9
Work Portfolio and Safety Booklet	Term 1, Week 10
Safety Observations	Ongoing

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