

DAP215116

Design & Production - Metal

15 TCE Points

You will work through the following units as part of Design & Production

Unit 1: Basic Skills

Gaining basic skills in metal fabrication

No material charges are associated with this project.

Unit 2: Wall Art

Each student will be given a design brief with material sizes. The student will design their own pattern and prepared materials for the construction of the project

No material charges are associated with this project.

Unit 3: Minor Project

Each student will be given a design brief, The student will design their own pattern and prepared materials for the construction of the project

No material charges are associated with this project.

Unit 4: Major project or projects

This is where you choose what you would like to make. Planning for this should start immediately.

There will be some limitations particularly in size as storage is a problem. Projects must not exceed 1 cubic metre. Students are required to pay for all the metal consumed in this project plus spray



How you'll be assessed:

There will be four assignments to do

1. Hand and power tools.
2. Evaluation of your first project.
3. Materials used in Metal Fabrication.
4. Different welding techniques and usage.

What students will need to be successful in this subject:

- Requires literacy skills for Assignments and the Portfolio
- The desire to make things with their hands out of metal
- Good attendance

COMPLETION OF WORK

Assessment due dates are provided in the Program of Learning and on Canvas. Work must be submitted by the due date unless an approved extension has been granted. Unapproved late submissions will incur penalties as outlined in the *Completion of Work Policy*. Students needing extensions should contact their subject teacher before the due date with valid reasons, such as illness or unforeseen circumstances.

For more details refer to the Launceston College: [Completion of Work Policy](#).

ACADEMIC INTEGRITY

All senior secondary students in Tasmania are expected to uphold academic integrity, meaning they complete their work honestly and fairly. This includes properly referencing any ideas, images, or information borrowed from others, allowing teachers to distinguish between original and sourced content.

Assignments will be submitted through Canvas, email, hard copy as directed in the task sheet.

For more details, refer to the Launceston College: [Academic Integrity Policy](#).

REFERENCING

The Harvard referencing system is recommended for Design & Production. The standards for criterion 1 state that a student must:

- clearly identifies the information, images, ideas and words of others used in the student's work.

COURSE DOCUMENT

The TASC website provides considerable information about the course. [Design and Production - TASC](#)

OTHER COURSE REQUIREMENTS

- Your own safety glasses.
- Overalls
- Safe footwear (no sandals, thongs or bare feet)
- Earmuffs and dust masks are provided (but you may wish to use your own for hygiene reasons)
- **Pencil, biro, eraser, and A4 display folder or book are essential.**

Week	Date	Program of Learning 2025	Notes / Assessments
1	6 Feb	Introduction to unit, Safety Induction booklets	<i>Yr 11s and 12's return February 8 (Thursday)</i>
2	10 Feb	Safety Induction booklets, Tools and Equipment	
3	17 Feb	Design Process & Folio Requirements, Tools and Equipment	
4	24 Feb	Design Process & Factors, Lathes, welding, cutting and marking out	<i>Wed 26 Feb – Launceston Cup</i>
5	3 Mar	Design Process & Factors, Lathes, welding, cutting and marking out, Wall Art	
6	10 Mar	Wall Art	<i>Mon 10 Mar – Public Holiday</i>
7	17 Mar	Wall Art	
8	24 Mar	Wall Art, Minor Project Assignment	
9	31 Mar	Minor Project Assignment	
10	7 Apr	Minor Project	
Term 1 break – Saturday 12 April – Sunday 27 April			
1	28 Apr	Minor Project	
2	5 May	Minor Project, Design Factors	
3	12 May	Minor Project	
4	19 May	Minor Project	
5	26 May	Minor Project Appraisal	
6	2 June	Research Major Project	
7	9 June	Design Major Project, folio	<i>Mon 9 June – Public Holiday</i>
8	16 June	Design Major Project, folio	Mid-Year Assessments Level 3 & 4 <i>Tue 17 June – Orientation Day (LC students work from home)</i>
9	23 June	Drawings for major project, cutting list, costing	Mid-Year Assessments Level 3 & 4
10	30 June	Major Project, folio	
Term 2 break – Saturday 5 July – Sunday 20 July			
1	21 July	Major Project, folio Assignment	
2	28 July	Major Project, folio	
3	4 Aug	Major Project, folio	
4	11 Aug	Major Project, folio, Assignment	
5	18 Aug	Major Project, folio	
6	25 Aug	Major Project, folio	
7	1 Sep	Major Project, folio	
8	8 Sep	Major Project, folio	
9	15 Sep	Major Project, folio	
10	22 Sep	Major Project, folio	
Term 3 break – Saturday 27 September – Sunday 12 October			
1	13 Oct	Major Project, folio	
2	20 Oct	Major Project, folio	
3	27 Oct	Major Project, folio, evaluation of project	<i>Fri 31 Oct - Moderation Day (LC students work from home)</i>
4	3 Nov	Major Project, finalise folio	<i>Mon 3 Nov – Public Holiday</i>
Exams begin (Monday 10th November) - Exams end (Thursday 20th November)			

ASSESSMENT

Criterion-based assessment helps students see how well they're meeting course outcomes at the end of their study. While there is continuous feedback to guide learning, final assessments focus on showing what students have achieved by the end. Ratings are given as 'A', 'B', or 'C', based on course standards. A 't' indicates partial achievement below a 'C', and a 'z' means no evidence provided.

Schools follow TASC's quality assurance to keep standards consistent. More details are on the [TASC website](#). Final awards are based on both internal and TASC-supervised external assessments.

Criteria

For Design and Production, Level 2, you will need to complete a portfolio for your major project. the assessment will be based on the degree to which the learner can:

1. plan, organise and complete design and production projects
2. use a design process in response to a brief
3. use techniques and processes to create objects
4. select and safely use materials, tools and equipment to construct objects
5. refine design choices and appraise design solutions
6. identify factors affecting design decisions and practice

Award Requirements

The final award will be determined by the Office of Tasmanian Assessment, Standards and Certification from 6 ratings.

The minimum requirements for an award in Design and Production Level 2 are as follows:

EXCEPTIONAL ACHIEVEMENT (EA)

5 'A' ratings, 1 'B' rating

HIGH ACHIEVEMENT (HA)

2 'A' ratings, 3 'B' ratings, 1 'C' rating

COMMENDABLE ACHIEVEMENT (CA)

3 'B' ratings, 3 'C' ratings

SATISFACTORY ACHIEVEMENT (SA)

5 'C' ratings

PRELIMINARY ASSESSMENT (PA)

3 'C' ratings

A learner who otherwise achieves the ratings for a CA (Commendable Achievement) or SA (Satisfactory Achievement) award but who fails to show any evidence of achievement in one or more criteria ('z' notation) will be issued with a PA (Preliminary Achievement) award.