

FACULTY	TAS			COURSE	IND TECHNOLOGY TIMBER		YEAR	9
TASK NUMBER	1	TASK NAM	ΛE	Bookshelf - portfolio and practical project				
TASK WEIGHT	50% (25% + 25	5%)		MARKS AWARDED 50				
DATE OF NOTIFICATION	Term 1 Week	9 2024	STUI	UDENT NAME:				
DUE DATE	Term 2 Week	k 2 2024 (Must be submitted by 9am Friday of that week.)						

### TASK DESCRIPTION / INSTRUCTIONS

#### This Assessment Task contains two sections:

- Bookshelf construction (Practical component.) (25 marks)
- Design Portfolio (Theoretical component.) (25 marks)

### **Specific task information (Practical Component):**

As a student, you must:

- Work in a safe and appropriate manner at all times.
- Follow all verbal and written instructions provided by your teacher and communicate effectively with others.
- Your teacher must observe as you complete this part of the task.
- You will construct a bookshelf according to the plans supplied by the teacher. (25 marks)
- The practical task must be completed during practical lessons.
- Construction of the practical project must be your own work other students are not permitted to help you.
- Teacher assistance/advice is available to you throughout the build of the practical task.
- If you do not finish by the approximate due date, you will be marked on what you have produced.

### **Specific task information (Theoretical Component):**

As a student, you must:

- Complete the teacher-generated worksheets during theory/computer lab lessons as they form your portfolio.
   (25 marks)
- Complete unfinished worksheets for homework.
- Trim each page up around the border and paste it into your book. (Pages presented in a plastic folder will not be accepted by the teacher.)
- Present the completed portfolio of worksheets to the teacher when instructed.

#### Note:

- Incomplete portfolios will be graded on the amount of work presented.
- If you do not submit a portfolio, you will receive a mark of zero.



### **TASK SUBMISSION INSTRUCTIONS**

### **Practical Component**

The Bookshelf must be submitted by the end of Week 2, Term 2, whether it is completed or not. An interim mark will be provided for you if one is required for your Half-Yearly Report. Your mark will be amended, upon final marking, at the end of the unit of work. Your name is to be written on the base of the project, so it will not detract from the appearance of the finished item

#### **Portfolio Component**

The Bookshelf portfolio must be submitted by the end of Week 2, Term 2, whether it is completed or not. An interim mark will be provided for you if one is required for your Half-Yearly Report. Your mark will be amended, upon final marking, at the end of the unit of work. The teacher-provided worksheets will be presented as per the following instructions:

- 1. The majority of the portfolio is to be completed during lab lessons so the teacher can verify who has done the work.
- 2. Unfinished worksheets are to be completed as homework.
- 3. Each page will be trimmed neatly around the border and pasted into an A4 exercise book.
- 4. The pages are not to be folded.
- 5. You will lose marks for missing worksheets.
- Note: an extension will be granted to the class if the teacher has not presented all sections of the portfolio by the due date.

### SUPPORT MATERIAL / EXAMPLES OF SUCCESS CRITERIA

- The teacher will provide you with the support material ie, the portfolio worksheets.
- The teacher will check your portfolio, once per cycle, to check your progression.
- The teacher will use exemplary portfolios as visual examples of what is expected from all students.
- The teacher will guide you through each section and set clear expectations of how to complete the work.
- Suitable websites, beneficial for your research, will be suggested to you on the worksheets.

### HOW DOES THIS TASK LINK TO MY LEARNING

Each worksheet in your portfolio is directly linked to Industrial Technology Syllabus Outcomes. You will complete portfolio sections related to:

- WHS and Risk Management
- Design and Materials
- Tools, Equipment and Techniques
- Workplace Communication
- Societal and Environmental Impact

The practical project contains skills a Year 9 student should be able to demonstrate when working independently.



### **OUTCOMES**

**IND5-1** identifies, assesses, applies and manages the risks and WHS issues associated with the use of a range of tools, equipment, materials, processes and technologies.

IND5-2 applies design principles in the modification, development and production of projects

**IND5-3** identifies, selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projects

IND5-4 selects, justifies and uses a range of relevant and associated materials for specific applications

### FAILURE TO COMPLETE OR SUBMIT AN ASSESSMENT TASK

If you do not attend school on the Due Date of an Assessment Task to submit or complete the task in person you will be given a zero mark unless you comply with the following Assessment Guidelines:

- For Assessment Task completed at home you must submit the assessment task <u>before school on the next</u> day you attend.
- For Assessment Tasks completed at school you must report to the relevant Head Teacher <u>before school</u> the next day you attend and discuss when you will complete task missed or a substitute task.
- Complete a 'Misadventure Form' and provide relevant information and evidence to appeal the zero mark
  awarded. Other circumstances are outlined in the MAHS Assessment Booklet for the particular year.
  Evidence may include an in person medical certificate for illness or a letter outlining extenuating
  circumstances or other deemed reasonable reasons. An outcome of your 'Misadventure Form' will be
  provided by the Deputy Principal.

Students found guilty of **malpractice** which includes plagiarism will be awarded a **zero mark**. If a piece of work is incomplete at the time of submission, it should be submitted as is, and you will be given a mark on what has been completed.

As per our school Assessment Procedures outlined in the MAHS Assessment Booklet for the particular year, you must see your teacher and Head Teacher on the **first day you return** back to school. Please access our school website to access our assessment procedures for each year group and a 'misadventure form' - <a href="https://mountannan-h.schools.nsw.gov.au/community/assessment-scedules.html">https://mountannan-h.schools.nsw.gov.au/community/assessment-scedules.html</a>

### **Grade Allocations for Each Outcome**

	Α	В	С	D	E
IND 5-1	15-16	11-14	8-10	5-7	0-4
IND 5-2	14-15	11-13	8-10	5-7	0-4
IND 5-3	27-30	21-26	15-20	9-14	0-8
IND 5-4	25-27	19-24	14-18	7-13	0-6



Grade Marking Grid Na	ime:	Final Mark/Grade
Performance Descriptors		
WHS IND5-1 identifies, assesses, applies and manages the risks a equipment, materials, processes and technologies.	and WHS issues associated with the use of a range of tools,	/16
<ul> <li>Common timber industry injuries</li> </ul>		/6
<ul> <li>Tools and equipment used in the project</li> </ul>		/4
Workplace signage		/6
Design		/15
IND5-2 applies design principles in the modification, develo	opment and production of projects.	
Title page		/1
Statement of intent		/2
<ul> <li>Research of existing designs</li> </ul>		/3
<ul> <li>Project evaluation</li> </ul>		/4
Isometric sketch		/5
Practical Skills IND5-3 identifies, selects and uses a range of hand and man	chine tools, equipment and processes to produce quality	/30
<ul><li>practical projects.</li><li>Overall appearance of project</li></ul>		/5
<ul><li>Overall appearance of project</li><li>Quality of joinery</li></ul>		/5
		/5
Project sanded correctly     Isinta wars set out and machined in correct no.	sition	/5
<ul> <li>Joints were set out and machined in correct pos</li> <li>Correct dimensions of items</li> </ul>	SILION	/5
Quality of design of backboard		/5
, -		/27
Materials IND5-4 selects, justifies and uses a range of relevant and as	ssociated materials for specific applications.	/27
<ul> <li>Cutting list example</li> </ul>		/2
<ul> <li>Project cutting list</li> </ul>		/2
<ul> <li>Timber calculations</li> </ul>		/6
<ul> <li>Basic materials calculations</li> </ul>		/4
<ul> <li>Cross section of a tree trunk</li> </ul>		/3
<ul> <li>Types of manufactured boards</li> </ul>		/6
Hardwood and softwood		/4
Portfolio Mark /58	Practical Mark /30	Task Total
Converted Portfolio Mark /25	Converted Practical Mark /25	/50



## **MARKING CRITERIA**

Assessment Task: Bookshelf and Portfolio  PARTS A + B: Practical Project and Portfolio						
	A	В	С	D	E	
Circle mark earned è	50-45	44-35	34-25	24-15	14-0	
indentifies, assesses, applies and manages the risks and WHS issues associated with the use of a range of tools, equipment, materials, processes and technologies.	A Grade A student consistently demonstrates comprehensive understanding and implementation of safety protocols across various tools and materials.  Demonstrates advanced ability to assess and manage risks, applying comprehensive WHS knowledge effectively across diverse tools and materials.	A Grade B student effectively identifies and mitigates most risks and WHS issues, displaying growing confidence and competence in workshop practices.  Consistently applies WHS principles, demonstrating proficient risk assessment skills and implementing appropriate safety measures across various woodworking tasks.	A Grade C student shows basic awareness of risks and WHS issues, making improvements in safety practices with guidance and supervision.  Shows improvement in identifying and addressing risks, applying basic WHS principles with some guidance and developing awareness of safety protocols.	A Grade D student inconsistently addresses risks and WHS issues, requiring significant support and reminders to ensure safe workshop practices.  Struggles to consistently identify and manage risks, requiring significant support to apply basic WHS principles in woodworking activities.	A Grade E student struggles to identify or manage risks and WHS issues, demonstrating minimal progress and understanding in workshop safety.  Demonstrates minimal progress in recognizing and addressing risks, displaying limited understanding of WHS principles and safety protocols in woodworking.	
IND5-2 applies design principles in the modification, development and production of projects.	Applies advanced design principles with creativity, innovation, and precision, producing sophisticated projects demonstrating mastery and originality.  Consistently integrates design principles into project development, demonstrating advanced problemsolving skills and producing high-quality, original creations.	Demonstrates proficient application of design principles, displaying creativity and precision in project modification, development, and production.  Applies design principles effectively, producing well- crafted projects with some originality and demonstrating developing problem-solving	Shows improvement in applying design principles, developing projects with basic creativity and precision, and beginning to demonstrate problem-solving skills.  Beginning to apply design principles with some effectiveness, producing projects with moderate craftsmanship and limited originality.	Struggles to consistently apply design principles, resulting in projects with limited creativity and precision, and minimal evidence of problem-solving skills.  Displays inconsistent application of design principles, producing projects with basic craftsmanship but lacking creativity and innovation.	Demonstrates minimal progress in applying design principles, producing projects with poor craftsmanship, limited creativity, and minimal evidence of problem-solving skills.  Struggles to apply design principles effectively, resulting in projects with significant deficiencies in craftsmanship, creativity, and	

problem-solving.

skills.



IND5-3	Utilizes advanced	Demonstrates	Shows	Struggles to	Demonstrates
identifies,	hand and machine	proficient use of	improvement in	consistently select	minimal progress in
selects and uses	tools proficiently,	hand and machine	selecting and using	and use tools	selecting and using
a range of hand	demonstrating	tools, producing	hand and machine	effectively, resulting	tools, producing
and machine	precision and skill in	practical projects	tools, producing	in practical projects	practical projects
tools,	producing high-	with good quality	practical projects	with limited quality	with very poor
equipment and	quality practical	and showing	with acceptable	and demonstrating	quality and lacking
processes to	projects with	developing skill and	quality and	minimal skill.	in skill and
produce quality	innovation.	precision.	demonstrating		precision.
practical			developing skills.	Demonstrates	
projects.	Consistently selects	Selects and uses a		inconsistent selection	Struggles to select
	and masterfully	variety of tools	Beginning to select	and use of tools,	and use tools,
	employs a wide range	effectively,	and use tools with	producing practical	resulting in practical
	of tools and	producing practical	some effectiveness,	projects with poor	projects with
	processes, producing	projects with	producing practical	quality and minimal	significant
	exemplary practical	satisfactory quality	projects with	precision.	deficiencies in
	projects with	and demonstrating	moderate quality		quality, skill, and
	creativity and	improving skills and	and limited		precision.
	precision.	understanding.	precision.		·
IND5-4 selects,	Expertly selects and	Demonstrates	Shows	Struggles to	Demonstrates
justifies and	justifies materials,	proficient selection	improvement in	consistently select	minimal progress in
uses a range of	demonstrating deep	and justification of	selecting and	and justify materials,	selecting and
relevant and	understanding and	materials, applying	justifying materials,	resulting in	justifying materials,
associated	creativity in their	them effectively for	using them	inconsistent	resulting in poor
materials for	application for	specific	appropriately for	outcomes when	choices and
specific	specific woodworking	woodworking	woodworking tasks,	applied to	unsatisfactory
applications.	projects.	applications with	albeit with some	woodworking tasks.	outcomes in
		satisfactory results.	inconsistencies in		woodworking
	Consistently chooses		results.	Demonstrates limited	projects.
	and skillfully uses	Shows good		ability in selecting	
	materials,	understanding in	Beginning to select	and justifying	Struggles to select
	demonstrating	selecting and	and justify materials	materials, often	and justify
	advanced	justifying materials,	with some	leading to	materials, often
	understanding and	using them	effectiveness,	unsatisfactory results	leading to
	innovation in their	adequately for	applying them	in woodworking	inappropriate
	application for	woodworking tasks,	adequately for	projects.	choices and very
	various woodworking	producing projects	woodworking tasks,		poor outcomes in
	tasks.	with acceptable	with moderate		woodworking
		outcomes.	success.		projects.

## **STUDENT REFLECTION**

I FEEL MY STRENGTHS WITHIN THIS TASK WERE

I FEEL MY WEAKNESSES WITHIN THIS TASK WERE

FROM THE MARKING CRITERIA I WOULD MOST LIKE FEEDBACK ON



