

MANILLA CENTRAL SCHOOL - ASSESSMENT TASK NOTIFICATION

Year 11 2024

INDUSTRIAL TECHNOLOGY: Timber Products and Furniture Technologies

M Van Doesburg



Task Number: 1

Notification Date: Term 1, Week 7 – Friday 15<sup>th</sup> March 2024

Weight: 40%

Due Date: Week 9, Term 1 - Friday 29/03/24 to your teacher by 3:20pm

OUTCOMES ASSESSED

- P2.1 describes and uses safe working practices and correct workshop equipment maintenance techniques
- P2.2 works effectively in team situations
- P3.1 sketches, produces and interprets drawings in the production of projects
- P3.2 applies research and problem-solving skills
- P3.3 demonstrates appropriate design principles in the production of projects
- P4.1 demonstrates a range of practical skills in the production of projects
- P4.2 demonstrates competency in using relevant equipment, machinery and processes
- P4.3 identifies and explains the properties and characteristics of materials/components through the production of projects
- P5.1 uses communication and information processing skills
- P5.2 uses appropriate documentation techniques related to the management of projects
- P6.1 identifies the characteristics of quality manufactured products

TASK DESCRIPTION

*Project and Folio - Card Box*

TASK INSTRUCTIONS

You are to manage the production of a card box. As part of the assessment a number of practical and theoretical areas will be assessed. Several areas of the Industrial Technology folio will need to be completed; those components are listed over the page. The teacher will walk you through the process of constructing the project and documenting your project through the relevant folio components.



## FOLIO COMPONENTS

The parts of the folio listed below that are **BOLDED** are only required for this task.

The parts of the folio listed below that are *ITALIC* are NOT required for this task but will form part of your Major Project folio for future use.

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### **Design, Management and Communication**

- **Statement of Intent**
- **Research of components, processes, technologies and resources**
- **Selection and justification of appropriate materials, processes and resources**
- **Development of ideas, sketching and idea generation, prototyping, modelling and testing, production and working drawings**
- *Appropriate design and/or design modification*
- **Timeline plan including projected order of production including estimation and evaluation of time allocation**
- *Finance plan including projected cost and an analysis of actual costs of materials and services.*
- **Evidence of Project Management**
- **Record of Production**
- **Evidence of WHS and safe working practices**
- **Presentation Skills and Techniques including ICT.**
- *Ongoing evaluation of the MP and its relationship to the statement of intent research and planning.*

### **Production**

- **Quality of the Product**
- **Evidence of a Range of Skills**
- **Use of appropriate materials, components, processes and technologies**
- **Links between Planning and Production**
- **Evidence of solutions to problems in production**

Teacher's signature: \_\_\_\_\_ Head Teacher's signature \_\_\_\_\_

Deputy Principal's signature \_\_\_\_\_

**Criteria for assessment and marking/rubric:**

<b>Statement of intent. <i>Outcomes P5.2</i></b>		<b>Mark</b>
Clarifies the intent of the project by explaining clearly what is to be achieved and why.		5
Clarifies the intent of the project by explaining what is to be achieved and why.		4
Describes what the intent of the project is and why.		3
Provides an outline of what is to be achieved.		2
Identifies what is to be achieved.		1
Not submitted or attempted		0
<b>Research of components, processes, technologies and resources. <i>Outcomes P3.1, P3.2, P5.2</i></b>		<b>Mark</b>
Conducts and explains a wide range of relevant research of appropriate materials, processes, technologies and resources.		13-15
Conducts and describes a range of relevant research of appropriate materials, processes, technologies and resources.		10-12
Conducts and outlines research of some appropriate materials, processes, technologies and resources.		7-9
Minimal reference to research conducted.		4-6
Inappropriate or 1 piece of relevant research for the project		1-3
Not submitted or attempted		0
<b>Selection and justification of appropriate materials, processes and resources. <i>Outcomes P3.2, P4.3 &amp; P6.1</i></b>		<b>Mark</b>
Justifies the selection of appropriate materials, processes, technologies and resources.		13-15
Describes the selection of appropriate materials, processes, technologies and resources.		10-12
Identifies some appropriate materials, processes, technologies and resources.		7-9
Minimal reference to appropriate materials, processes, technologies and resources.		4-6
Minimal reference to materials, processes, technologies and resources.		1-3
Not submitted or attempted		0
<b>Development of ideas, sketching and idea generation, prototyping, modelling and testing, production and working drawings. <i>Outcome P3.1</i></b>		<b>Mark</b>
Demonstrates very high level skills in sketching and idea generation, prototyping, modelling and testing, production and working drawings.		5
Demonstrates substantial skills in sketching and idea generation, prototyping, modelling and testing, production and working drawings.		4
Demonstrates moderate skills in sketching and idea generation, prototyping, modelling and testing, production and working drawings.		3
Demonstrates basic skills in sketching and idea generation, prototyping, modelling and testing, production and working drawings.		2
Sketching and idea generation, prototyping, modelling and testing, production and working drawings either not present or in elementary form.		1
Not submitted or attempted		0

**Timeline plan including projected order of production including estimation and evaluation of time allocation. *Outcome P5.2***

**Mark**

Develops, applies and evaluates comprehensive and appropriate time line plans.	5	
Develops and applies appropriate time line plans.	4	
Proposes timeline plans.	3	
Timeline plans are without sufficient detail.	2	
Timelines are either not appropriate	1	
Not submitted or attempted	0	

**Record of production. *Outcome P4.3, P5.2***

**Mark**

Clearly describes the management of the project, including a succinct record of the production of project.	5	
Describes the management of the project including a record of the production of the project.	4	
Outlines the management of the project including some records of the project production.	3	
Outlines the management of the project including limited records of the project production.	2	
Provides an elementary or incomplete record of the production of the project.	1	
Not submitted or attempted	0	

**Evidence of WHS and safe working practices. *Outcomes P2.1, P2.2 & P5.2***

**Mark**

Demonstrates the use of a wide range of appropriate WHS and safe working practices through suitable documentation and evidence.	5	
Demonstrates the use of appropriate WHS and safe working practices through suitable documentation and evidence.	4	
Demonstrates the use of some WHS or safe working practices.	3	
Refers to the use of basic WHS or safe working practices.	2	
Minimal WHS or safe working practices.	1	
Not submitted or attempted	0	

**Presentation skills and techniques including ICT skills. Outcomes P5.1, 5.2**

**Mark**

Demonstrates a wide range of presentation skills and techniques including ICT skills, appropriate to the development of the project.	5	
Demonstrates a range of presentation skills and techniques including ICT skills, most of which are appropriate to the development of the project.	4	
Demonstrates some presentation skills and techniques including ICT skills, most of which are appropriate to the development of the project.	3	
Demonstrates limited presentation skills and techniques appropriate to the development of the project.	2	
Little evidence of presentation skills and techniques appropriate to the development of the project.	1	
Not submitted or attempted	0	

**Quality of the Product. Outcome P4.1, P4.2, P4.3**

**Mark**

Demonstrates very high quality in all aspects of the project production.	13-15	
Demonstrates high quality in most aspects of the project production.	10-12	
Demonstrates substantial quality in most aspects of the project production.	7-9	
Demonstrates basic quality in most aspects of the project production.	4-6	
Demonstrates poor quality in all aspects of the project production.	1-3	
Not submitted or attempted	0	

**Evidence of a range of skills. Outcomes P2.2, P4.1, P4.2 & P4.3**

**Mark**

A highly demanding project, with evidence of high quality in the application of a wide range of skills and techniques in the planning and production of the project.	9-10	
A project of substantial difficulty, with evidence of high quality in the application of a range of skills and techniques in the planning and production of the project.	7-8	
A project of moderate difficulty, with evidence of high but inconsistent quality in the application of skills and techniques in the planning and production of the project.	5-6	
A project of minimal difficulty, with evidence of basic quality in the application of skills and techniques in the planning and production of the project.	3-4	
A project of limited difficulty, with little or no evidence of quality in the application of skills and techniques in the planning and development of the project.	1-2	
Not submitted or attempted	0	

Use of appropriate materials, components, processes and technologies. <i>Outcomes P3.3, P4.3 &amp; P6.1</i>		Mark
Competently applies and uses a wide range of appropriate materials, components, processes and technologies in the production of the project.	5	
Competently applies and uses a range of appropriate materials, components, processes and technologies in the production of the project.	4	
Applies and uses some industrial processes and technologies and a limited range of materials and components in the production of the project.	3	
Applies and uses a limited range of common industrial processes, technologies and materials and components in the production of the project.	2	
Applies elementary processes and technologies and makes inappropriate use of materials and/or components in the production of the project.	1	
Not submitted or attempted	0	
Links between planning and production. <i>Outcomes P5.2 &amp; P6.1</i>		Mark
Completed project relates closely to what was intended. Close links between actual construction processes, management and thorough research and planning are evident and clearly articulated.	5	
Completed project relates to what was intended. Links between actual construction processes, management and thorough research and planning are evident.	4	
Completed project relates loosely to what was intended. Some links between actual construction processes, management and thorough research and planning are evident.	3	
Minimal links between planning and production.	2	
Links between planning and production are inappropriate	1	
Not submitted or attempted	0	
Evidence of solutions to problems in production. <i>Outcome P5.2</i>		Mark
Demonstrates and critically evaluates how solutions to problems in project production were addressed.	5	
Demonstrates and explains how solutions to problems in project production were addressed.	4	
Demonstrates solutions to some problems in project production.	3	
Demonstrates limited solutions to basic problems in project production.	2	
Demonstrates inappropriate solutions to some simple problems in project production.	1	
Not submitted or attempted	0	

Task Feedback:

Teacher Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Task Mark	Task Rank	Cumulative Rank

