



# Gorokan High School

## 5Y Elective Assessment Schedule 2024

### *Industrial Technology Engineering*

Task number	Task 1	Task 2	Task 3		
<b>Name of Task</b>	Bridge	Robobug	Mechanical Hand		
<b>Task Due</b>	Term 1, Week 10	Term 2, Week 9	Term 3, Week 10		
<b>Outcomes assessed</b>	IND5-5, IND5-6	IND5-4, IND5-8	IND5-7, IND5-9, IND5-10		
<b>Components</b>					<b>Task Weighting %</b>
Knowledge	10	10	10		<b>30</b>
Understanding	10	10	15		<b>35</b>
Skills	10	10	15		<b>35</b>
<b>Total %</b>	<b>30</b>	<b>30</b>	<b>40</b>		<b>100</b>

## **Course 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

IND5-5 selects, interprets and applies a range of suitable communication techniques in the development, planning, production and presentation of ideas and projects

IND5-6 identifies and participates in collaborative work practices in the learning environment

IND5-7 applies and transfers skills, processes and materials to a variety of contexts and projects

IND5-8 evaluates products in terms of functional, economic, aesthetic and environmental qualities and quality of construction

IND5-9 describes, analyses and uses a range of current, new and emerging technologies and their various applications

IND5-10 describes, analyses and evaluates the impact of technology on society, the environment and cultural issues locally and globally