



Industrial Graphics Skills

Applied Senior Subject

Applied

School Code	GSK		
Year Level	11 & 12	QCE Credits	4
Subject Type	Applied Subject	VET Contribution	N/A
Recommended Academic Performance	C or greater in Graphics and/or C or greater in Design		
21 st Century Skills	<p>Communication</p> 	<p>Collaboration and teamwork</p> 	

Industrial Graphics Skills includes the study of industry practices and drawing production processes through students' application in, and through a variety of industry-related learning contexts.

Industry practices are used by enterprises to manage drawing production processes and the associated manufacture or construction of products from raw materials. Drawing production processes include the drawing skills and procedures required to produce industry-specific technical drawings and graphical representations.

Students engage in applied learning to demonstrate knowledge and skills in units that meet local needs, available resources and teacher expertise. Through both individual and collaborative learning experiences, students learn to meet client expectations of drawing standards.

Pathways

A course of study in Industrial Graphics Skills can establish a basis for further education and employment in a range of roles and trades in the manufacturing industries. With additional training and experience, potential employment opportunities may be found in drafting roles such as architectural drafter, estimator, mechanical drafter, electrical drafter, structural drafter, civil drafter and survey drafter.

Objectives

By the conclusion of the course of study, students should:

- Demonstrate practices, skills and procedures.
- Interpret client briefs and technical information.
- Select practices, skills and procedures.
- Sequence processes.
- Evaluate skills and procedures, and products.
- Adapt plans, skills and products.

Structure:

Engineering — Unit Option C: Sheet Metal Working

Furnishing Skills — Unit Option A: Furniture-Making

Furnishing Skills — Unit Option D Production in the domestic furniture making industry

Building and Construction — Unit Option A—Site preparation and foundations

Assessment:

For Industrial Technology Skills, all units require students to perform a practical demonstration of skills and concepts and a project.

- one practical demonstration (separate to the assessable project).
- one Project

Possible Projects Students may undertake in this course of study include:

- Metal Tool chest
- Jewellery Box
- Otterman
- Timber table
- Site Preparation and Foundations

Practical demonstration	Project
A task that assesses the practical application of a specific set of teacher-identified production skills and procedures.	A response to a single task, situation and/or scenario.
Students demonstrate production skills and procedures in class under teacher supervision. Multimodal assessment (delivered in two modes concurrently) up to 3minutes supported by 6A4 Pages or equivalent digital media	A project consists of a product component and response requirements are: Multimodal (at least two modes delivered at the same time) Up to 5minutes in duration Supported by 8 A4 Pages (or equivalent digital media)