

Subject name	Industrial Graphics Skills
Subject code	GSK
Subject type	Applied
Subject fee	Nil
Prerequisites	Nil

Course overview

Industrial Graphics Skills focuses on the underpinning industry practices and production processes required to produce the technical drawings used in a variety of industries, including building and construction, engineering and furnishing.

Students understand industry practices, interpret technical information and drawings, demonstrate and apply safe practical modelling procedures with tools and materials, communicate using oral and written modes, organise and produce technical drawings and evaluate drawings using specifications.

Students develop transferable skills by engaging in drafting and modelling tasks that relate to business and industry, and that promote adaptable, competent, self-motivated and safe individuals who can work with colleagues to solve problems and complete tasks.

Course outline

The Industrial Graphics Skills course is designed around the following contexts:

Unit 1	Drafting for residential building
Unit 2	Computer aided manufacturing
Unit 3	Graphics for the construction industry
Unit 4	Graphics for the engineering industry

Assessment

Each unit of work is assessed using a practical demonstration and project.

Practical demonstration	Project
Students develop their responses in class and in their own time	Students develop their responses in class and in their own time
Students work individually	Students work individually
Students produce drawings using drafting skills and procedures used in 3 to 5 production processes	Students produce drawings using drafting skills and procedures used in 5 to 7 production processes
Students document their work in a multimodal; up to 3 minutes, 6 A4 pages, or equivalent digital media	Students document their work in a multimodal; up to 5 minutes, 8 A4 pages, or equivalent digital media

Course accreditation

QCAA Applied subject **not** contributing to an ATAR score

Career opportunities

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.