

GRAPHICS

SENIOR SECONDARY AVIATION HIGH SCHOOL

Queensland Studies Authority Status

Authority Subject 0076—Counts towards Overall Position.

Four (4) semesters of Sound Achievement contributes four (4) credits towards Queensland Certificate of Education (QCE).

PRE-REQUISITES

An interest in drawing and an ability to express ideas visually is beneficial. No prior junior experience is needed.

OVERVIEW

Graphics is a course of study that provides an opportunity for students to gain an understanding of graphical communication across a broad spectrum of applications.

The course draws upon the fundamental principles of graphical communication. The principles are developed within a foundation unit and then further applied through contextual units, which typically focus on Business Graphics, Product Design and Built Environment within an Aerospace context.

Graphics is an intellectually challenging subject, which promotes students' personal pride and esteem.

COURSE DETAILS

Topics Studied — Yrs 11 & 12

Manual procedures such as inking, rendering, air-brushing and shading are used to enhance visual quality of the finished products in each contextual unit. Students are taught to use 3D computer software drawing program.

Student's folio work in Yr 11 includes:

- Production Graphics – A lunar Rover
- Built Environment – Airport Kiosk
- Business Graphics – Kiosk Performance

Student's folio work in Yr 12 includes:

- Production/Business Folio – UAV Prototype Plane
- Business Graphics – Regional Airport

Units:

Business Graphics
Production Graphics
Built Environment

SUBJECT COSTS

Will cover:

Supply of specialised drawing paper
Use of rendering supplies and templates
Colour printing costs
Binding of presentation folders
Access to 3D Modelling software packages at the school

ASSESSMENT

Semester 1 and 2 — Formative
Semester 3 and 4— Summative

An assessment plan for Graphics usually consists of:

- Context based folios in production Graphics, Built Environment and Business Graphics
- Each folio will demonstrate planning, refinement and presentation production stages
- A minor exam assessing knowledge understand and reasoning principles.
- A short answer response exam

The information obtained is used to:

- Evaluate student progress and assist students to improve overall performance
- Match student performance against expectations for levels of achievement set down in the school's work program

ASSIGNMENTS

Completion of context based folio work will constitute this area.

STUDY REQUIREMENTS

2-3 hours per week is recommended.

MATERIALS REQUIRED

Stationery

2xHB or pacer type pencils
Kent No. 10 set squares—32cm
Compass Draftex DC1246 masterbow plus Extension
A3 Display book—20 fixed pockets
Technic pencil eraser
Staedtler pigment liner wallet of 4

All equipment can be purchased through Buckham School Supplies (www.buckhams.com.au) online ordering available or can be purchased through other suppliers