

2010 SENIOR COURSE INFORMATION

Teacher in Charge: Mr B Ewington SUBJECT: Graphics

	Year 11	Year 12	Year 13
Course Content	<p>Graphics is a course of study where the students devise drawn solutions to practical problems and situations. The following four components are investigated throughout the year and are common to all levels of study with the degree of difficulty increasing each year:</p> <p>1. Technical drawing and sketching skills. 2. Architecture and Environmental Design. 3. Engineering and Technological Design. 4. Media and Technical Illustration Design.</p> <p>In completing a component, the student is given at least two briefs (assignments) where a problem is outlined and limitations are specified. Doing this, the students learn to: Identify a need or opportunity. Formulate ideas using design briefs. Access and select appropriate information from various sources. Analyse suitable material. Develop and evaluate conceptual ideas. Produce freehand and instrumental drawings. Construct mock-ups and models. Test and evaluate personal design solutions. Identify and use appropriate ways to communicate and present relevant information.</p>		
Pre Requisites	Year 9 and 10 Visual Communication (Graphics)	Year 11 Graphics	Year 12 Graphics
Assessment NB: The Achievement Standards and associated credits will change completely with the introduction of the new curriculum.	<p>External (12 credits)</p> <p>90037 (1.1) Produce freehand sketches that communicate own design ideas (3)</p> <p>90038 (1.2) Construct and use geometrical shapes and solids to communicate design ideas (2)</p> <p>90039 (1.3) Produce instrumental multi-view working drawings to communicate own design ideas (3)</p> <p>90040 (1.4) Produce pictorial drawings using instruments and render these drawings to communicate own design ideas (4)</p> <p>Internal (12 Credits)</p> <p>90041 (1.5) Produce a mock-up and model (4)</p> <p>90042 (1.6) Apply a design process and design principles to identified needs and opportunities (5)</p> <p>90044 (1.8) Present design ideas that show design features and functions (3)</p>	<p>External (12 credits)</p> <p>90318 (2.1) Produce two-dimensional and three-dimensional annotated freehand sketches to show design ideas (3)</p> <p>90319 (2.2) Produce two-dimensional instrumental drawings (3)</p> <p>90320 (2.3) Produce three-dimensional instrumental drawings (3)</p> <p>90321 (2.4) Describe and explain design and it's implications for society (3)</p> <p>Internal (12 credits)</p> <p>90322 (2.5) Produce a mock-up and model to explore design ideas (3)</p> <p>90323 (2.6) Design and present a solution for an architectural or environmental design brief (3)</p> <p>90324 (2.7) Design and present a solution for an engineering or technological brief (3)</p> <p>90325 (2.8) Design and present a solution for a media or technical illustration brief (3)</p>	<p>External (9 credits)</p> <p>90734 (3.1) Negotiate a brief and a solution by applying a design process (5)</p> <p>90735 (3.2) Plan and produce a presentation to communicate design ideas (4)</p> <p>Internal (15 credits)</p> <p>90736 (3.3) Develop and communicate a solution to an architectural or environmental design brief (5)</p> <p>90737 (3.4) Develop and communicate a solution to an engineering or technological design brief (5)</p> <p>90738 (3.5) Develop and communicate a solution to a media or technical illustration design brief (5)</p>
Costs (not including standards stationery items such as pencils, set squares, compasses, etc).	Text book / workbook combo \$52.45 Work booklet \$18.00 A3 Paper \$5.00 Total \$75.45	Text book \$37.95 Work booklet \$15.00 A3 Paper \$5.00 Total \$57.95	A3 Paper \$5.00 Total \$5.00