

# Kalamunda Senior High School

## Design – General Year 12 Technical Graphics

### Unit 3 and Unit 4

#### Semester 1 – Product design

Week	Key teaching points
1–4	<p>Overview of Unit 3 and assessment requirements</p> <p>Introduction to Product design: investigate promotional products and understand their construction to communicate a message to a particular audience</p> <p><b>Task 1: Produce a series of ISOMETRIC DRAWINGS – basic drawing skills, problem solving and rendering styles including shading techniques, shadow use of colour. How to draw Isometric circles.</b></p> <p><b>ISOMETRIC TRUCK DESIGN</b></p> <p><b>ISOMETRIC TEST week 4</b></p>
5–6	<p><b>Task 2: Produce a series of OBLIQUE DRAWINGS-basic skills, problem solving, rendering techniques. How to Draw Oblique Circles.</b></p> <p><b>OBLIQUE LAND EXPLORER DESIGN</b></p>
7–10	<p><b>Task 3: Develop and draw a solution to a DESIGN PROBLEM – Exploded views, rendering, colour.</b></p> <p>Evaluation of personal design process in terms of appropriateness of design, target audience, and design brief</p> <p>Evaluation of design development choices and alternative options</p> <p>Evaluation of final design solution in relation to design brief, client’s needs, target audience.</p> <p><b>OBLIQUE TEST week 8</b></p>
11–13	<p><b>MOCK DESIGN TEST</b> Students complete a practice externally set task. In-class. <b>(Week 11)</b></p> <p><b>Task 4 :ORTHOGONAL DRAWING</b></p> <p><b>ORTHOGONAL TEST week 12</b></p>
14–15	<p><b>Task 5: Presentation portfolio</b>, including reflections and annotations.</p> <p><b>*EXTERNALLY SET TASK</b> set by the SCSA based on the prescribed content from Unit 3 of the General Year 12 syllabus. In-class assessment <b>(Week 15)</b></p>

Semester 2 – Cultural design

Week	Key teaching points
Term2 Weeks 9,10 Term 3 Weeks 1,2	Overview of Unit 4 and assessment requirements Introduction to Cultural design: investigate visual communications that acknowledge the diversity of cultures within our society <b>Task 6 GEOMETRIC DRAWING</b> produce a series of drawings problem solving and developing techniques for design development. <b>Research Assignment (5%)</b> Relationship between Cultures and Design forms assignment <a href="#">SEM 2 Term 3 week 2</a>
Term 3 Weeks 3,4	<b>Task 7: Design: Present solutions using the Design Process to develop ‘A Logo’ include research, concepts, reflection.</b>
Term 3 Weeks 5,6	<b>Task 8:</b> <i>Produce a series of <b>Perspective drawings</b>.</i>
Term 3 Weeks 7,8,9	Intellectual property and copyright issues should be understood for the protection of creative design solutions <b>Task 9: Design: Architectural Pictorial- develop a rendered solution /advertisement includes research.</b> Evaluation of personal design process in terms of appropriateness of design, target audience, and design brief Evaluation of design development choices and alternative options Evaluation of final design solution in relation to design brief, client’s needs, target audience, sustainability
Term 3 week 10 Term 4 Week 1	<b>Task 10 (5%)</b> <b>Presentation portfolio</b> , including reflections and annotations