

'Home Sweet Home' Course Outline

Wk	Class	Topic	Activities	Resources	Key Knowledge/Skills	Assessment
1	1 (Double)	Orthogonal Drawing	<ul style="list-style-type: none"> • Introduce assessment. • Run matching activity to assess prior knowledge. • Powerpoint introducing orthogonal drawing. • Hidden lines activity. • Students to roughly sketch object. • Students to measure object. • Commence orthogonal drawing. 	<ul style="list-style-type: none"> • Assessment rubric • Matching Activity • Orthogonal drawing powerpoint presentation • Orthogonal drawing hidden lines activity sheet and answers • Orthogonal Drawing template 	<ul style="list-style-type: none"> • the conventions of presentation drawings associated with industrial design • purposes of presentation drawings • two-dimensional drawing methods • third-angle orthogonal projections • role of Australian Standards in providing nationally accepted conventions for technical drawing 	Technical drawing matching activity
	2		<ul style="list-style-type: none"> • Continue orthogonal drawing. 		<ul style="list-style-type: none"> • apply drawing methods that are suitable for presentation drawings and the selected field • select and apply technical drawing conventions used with presentation drawings • select and apply two-dimensional methods to represent form, proportions and scale. 	
	3		<ul style="list-style-type: none"> • Finalise orthogonal drawing. 			
	1 (Double)		<ul style="list-style-type: none"> • Use Illustrator to add dimensions. 	<ul style="list-style-type: none"> • Illustrator dimensioning worksheet 	<ul style="list-style-type: none"> • methods to refine drawings using digital methods 	Orthogonal Drawing (10%)

2	2	The Design Process	<ul style="list-style-type: none"> • Introduce assessments. • Powerpoint introducing design process. • Plickers Quiz • Research (on computers). 	<ul style="list-style-type: none"> • 'Home Sweet Home' Brief • Museum Victoria Design Process Powerpoint • Year 12 Folio examples • Plickers Quiz 	<ul style="list-style-type: none"> • role of the brief in establishing the parameters of a design task • purposes of visual communications in relation to specified target audiences and contexts • the design process as a framework for organising and implementing design decisions • research and analyse information relevant to a given brief • apply practices that fulfil legal obligations with respect to copyright 	Plickers Quiz
	3		<ul style="list-style-type: none"> • Show famous architects and their buildings, pre/post 1990. • Video 'How to think like an architect'. • Show student examples. • Idea generation 	<ul style="list-style-type: none"> • Architects & Buildings Powerpoint • 'How To Think Like An Architect: The Design Process', Video • Student folio example 	<ul style="list-style-type: none"> • use freehand visualisation drawings and annotations to make ideas visible • evaluate the suitability of design ideas and concepts in terms of the requirements of the brief 	
3	1 (Double)	Floor Plans/ Elevations	<ul style="list-style-type: none"> • Floor plans/Elevations powerpoint • Floor plans/Elevations worksheet • Idea generation 	<ul style="list-style-type: none"> • Floor plans/Elevations powerpoint • Floor plans/Elevations activity sheet 	<ul style="list-style-type: none"> • the conventions of presentation drawings associated with environmental design • technical drawing conventions used with presentation drawings • role of Australian Standards in providing nationally accepted conventions for technical drawing 	
	2		<ul style="list-style-type: none"> • Discussion on annotating. • Idea generation 			

	3		<ul style="list-style-type: none"> Idea development 	<ul style="list-style-type: none"> SCAMPER 	<ul style="list-style-type: none"> creative, critical and reflective design thinking techniques apply and document design thinking techniques when engaged in the design process select and use a range of appropriate methods, media, materials, design elements and design principles 	
4	1 (Double)		<ul style="list-style-type: none"> Idea development 			
	2		<ul style="list-style-type: none"> Read through the brief again. Refinement 		<ul style="list-style-type: none"> techniques for refining and presenting visual communications using manual and/or digital methods 	
	3		<ul style="list-style-type: none"> Refinement 			
5	1 (Double)		<ul style="list-style-type: none"> Show blueprint symbols. Students to draw their final floor plan and elevation design onto graph paper, using correct measurements and symbols. 	<ul style="list-style-type: none"> Floor plan symbols 	<ul style="list-style-type: none"> methods of drawing to scale using conventional ratios apply drawing methods that are suitable for presentation drawings and the selected field select and apply technical drawing conventions used with presentation drawings methods to refine drawings using manual methods methods of drawing to scale using conventional ratios 	
	2	Rendering	<ul style="list-style-type: none"> Demonstration on clipping masks, placing different textures/finishes into floor plan. Students to use Illustrator to render their floor plan. 		<ul style="list-style-type: none"> rendering techniques 	

	3		<ul style="list-style-type: none"> Finalise floor plan rendering. 			Mid Point Folio and Technical Drawing Review
6	1 (Double)		<ul style="list-style-type: none"> Show rendering drawings. Photocopy final elevation drawing. Experiment with different rendering options. i.e. watercolours, copic markers and hatching. 	<ul style="list-style-type: none"> Rendering examples 	<ul style="list-style-type: none"> rendering techniques 	
	2		<ul style="list-style-type: none"> Choose a particular rendering style and start their final elevation drawing. 			
	3		<ul style="list-style-type: none"> Finish elevation drawing. 			
7	1 (Double)	Planometric Drawing	<ul style="list-style-type: none"> Planometric practice activity. Planometric demonstration using tracing paper or light box. Students to take favourite room from dream home floor plan and start a planometric drawing. 	<ul style="list-style-type: none"> Planometric practice activity Planometric student samples 	<ul style="list-style-type: none"> three-dimensional drawing methods the conventions of presentation drawings associated with environmental design purposes of presentation drawings 	
	2		<ul style="list-style-type: none"> Continue with planometric drawing. 			
	3		<ul style="list-style-type: none"> Continue with planometric drawing. 			
	1 (Double)		<ul style="list-style-type: none"> Finalise planometric drawing Start rendering either on the computer or with copic markers (students to choose). 		<ul style="list-style-type: none"> rendering techniques 	
	2		<ul style="list-style-type: none"> Finish rendering of planometric drawing. 			

8	3		<ul style="list-style-type: none"> • Run matching activity to see what they've learnt across the unit, and also any content they need to revise before their test. • Time to finish off any last bits and pieces before submitting folio for assessment. 	<ul style="list-style-type: none"> • Matching Activity 		<p>Technical drawing matching activity</p> <p>Folio (30%)</p> <p>Technical Drawings (40%)</p>
9	1 (Double)	Summary	<ul style="list-style-type: none"> • Unit Test on technical drawing, the design process and rendering techniques. 	<ul style="list-style-type: none"> • Unit Test 		<p>Unit Test (20%)</p>