

# SAMPLE SCOPE & SEQUENCE

## Housing and Design, LEVEL 3

### Learning Design

Below is a suggested sequence of content for Housing and Design HDS315118.

This is an example only; to be used to support teachers to develop their own scope and sequence documents and associated assessment matrices that meet the learning needs of their learners.

**NOTE:** This course may have been amended since the development of this sample teacher resource in 2018. Please visit the [TASC website](#) for current version of the course.

### Term 1

Week	Unit	Focus Topics	Activities and Resources	Assessment F – formative assessment opportunities WR – Work requirement
1	1	<ul style="list-style-type: none"> <li>• Introduction to the syllabus &amp; standards</li> <li>• Referencing &amp; academic integrity</li> <li>• Obtaining information for a variety of sources</li> <li>• Information literacy</li> <li>• Working collaboratively</li> </ul>	<ul style="list-style-type: none"> <li>• Course Document</li> <li>• Academic Integrity (TASC)</li> <li>• Academic Integrity (Home College/School)</li> </ul>	Library search and referencing  Criteria 6 (F)
2	3	<ul style="list-style-type: none"> <li>• Elements &amp; principles of design – introduction, understanding and applying</li> </ul>	<ul style="list-style-type: none"> <li>• Elements and principles of design activity - written task</li> <li>• Form and function class activity</li> </ul>	Unit 1 WR2 Elements & Principles of Design Poster  <ul style="list-style-type: none"> <li>• Criteria 1, 2, 5</li> </ul>

Week	Unit	Focus Topics	Activities and Resources	Assessment F – formative assessment opportunities WR – Work requirement
3	1	<ul style="list-style-type: none"> <li>• Sketching</li> <li>• Understanding scale</li> <li>• Understanding and drawing plans with a focus on: <ul style="list-style-type: none"> <li>– Floor plans</li> <li>– site plans</li> </ul> </li> <li>• ICT skills - scanning and presentation of documents and electronic presentations</li> <li>• Understanding building structure</li> </ul>	<ul style="list-style-type: none"> <li>• Useful measurements for housing</li> <li>• Old building two-point perspective</li> <li>• Shapes and shading</li> <li>• Scale information</li> <li>• Introduction to Scale Ruler Exercise 1</li> <li>• Introduction to Scale Ruler Exercise 2</li> <li>• PowerPoint presentation skills</li> <li>• Building Construction systems</li> <li>• How to read plans</li> <li>• Floor plan abbreviations &amp; symbols</li> <li>• Freehand drawing conventions</li> </ul>	Unit 1 WRI  Sketching Activity (F)
4	1 & 2	<ul style="list-style-type: none"> <li>• Introduce organising tools for project work</li> <li>• Introduce Design Thinking and the application of the Design Process, including research and documentation of this</li> <li>• Focus on unpacking and understanding needs analysis, site analysis, precedents (including historic and contemporary)</li> </ul>	All topics taught within the context of the Bedroom Design Brief. <ul style="list-style-type: none"> <li>• Bedroom Design Assignment Needs Analysis</li> <li>• Sample board instructions</li> </ul>	Unit 2 WRI  Bedroom Design Assignment <ul style="list-style-type: none"> <li>• Criteria 1, 2, 4, 5, 6, 7, 8</li> </ul>
5	1	<ul style="list-style-type: none"> <li>• Architectural drawing conventions to communicate designs</li> <li>• Creating sample boards</li> </ul>		
6	2	<ul style="list-style-type: none"> <li>• Annotations and justifications, focusing on critical design decisions</li> </ul>		
7	4 & 1		General Resources	Unit 4 WRI

Week	Unit	Focus Topics	Activities and Resources	Assessment F – formative assessment opportunities WR – Work requirement
8		<p>Passive Solar Design - General information to principles, then specifically focus on temperate.</p> <p>General information to consider: the nature of energy and energy sources</p> <ul style="list-style-type: none"> <li>orientation, window type and placement, thermal mass, insulation, ventilation and vegetation.</li> <li>Thermal performance of materials and embodied energy</li> <li>Including drawing of elevations and sections (with sun angles)</li> <li>Heating and cost comparison of heating in a temperate environment</li> </ul> <p>Excursion to the Sustainable Learning Centre or a local PSD home/building</p> <ul style="list-style-type: none"> <li>Understanding and drawing plans with a focus on: <ul style="list-style-type: none"> <li>sections</li> <li>elevations</li> <li>shadow diagrams</li> </ul> </li> </ul>	<p>The sustainable living project - environmental design ideas</p> <p>Yourhome website <a href="https://www.yourhome.gov.au/">https://www.yourhome.gov.au/</a> - Energy</p> <p>Yourhome website - Passive Solar Design</p> <p>Tasmanian passive solar design examples</p> <p>Temperate Resources</p> <ul style="list-style-type: none"> <li>Hobart City Council energy efficient design guidelines</li> <li>PowerPoint - passive solar design temperate</li> <li>Sustainable Living Tasmania - passive solar house design.pdf</li> <li>View information sheets for each section on passive solar design &amp; sustainability</li> </ul>	<p>Thermal Performance Poster</p> <p>Unit 4 WR2</p> <p>Passive Solar Design Temperate Assignment</p> <ul style="list-style-type: none"> <li>Criteria 3</li> </ul>
9	4	<ul style="list-style-type: none"> <li>Passive Solar Design Tropical</li> </ul>	<ul style="list-style-type: none"> <li>Tropical Resources</li> <li>PowerPoint Passive design for tropical regions</li> </ul>	Unit 4 WRI
10				<p>Passive Solar Design Tropical Assignment</p> <ul style="list-style-type: none"> <li>Criteria 3</li> </ul>
Break				
Break				

## Term 2

Week	Unit	Focus Topics	Activities and Resources	Assessment F – formative assessment opportunities WR – Work requirement
1	3	<ul style="list-style-type: none"> <li>Ergonomics</li> <li>Lighting</li> </ul> Generating and communicating designs <ul style="list-style-type: none"> <li>ideation</li> </ul>	<ul style="list-style-type: none"> <li>Lighting - Sustainable Living Tasmania</li> <li>Lighting basics</li> <li>Office ergonomics</li> </ul>	Home Office Conversion Brief <ul style="list-style-type: none"> <li>Criteria 2 &amp; 4</li> </ul>
2	3 & 1	Planning and building regulations – an overview	<ul style="list-style-type: none"> <li>Aspects of accessible housing</li> <li>Livable Housing Design guidelines</li> <li>Design guide</li> </ul>	Unit 3 WR2 Universal Design Brief (Wheelchair accessible housing) <ul style="list-style-type: none"> <li>Criteria 1, 2, 4, 6, 7, 8</li> </ul>
3		Generating and communicating designs		
4		<ul style="list-style-type: none"> <li>Design development</li> <li>Freehand sketching</li> <li>Plans – set back diagrams</li> </ul> Types of housing <ul style="list-style-type: none"> <li>Design through the lifecycle</li> <li>Universal design including layout, flow, zoning and circulation</li> </ul>		
5	3	<ul style="list-style-type: none"> <li>Kitchen &amp; Outdoor living</li> <li>Child Safety</li> </ul>	<ul style="list-style-type: none"> <li>Kitchen presentation</li> <li>Common kitchen layouts</li> <li>Child Safety</li> <li>Brochure - Child safety in building design</li> <li>Kidsafe Archicentre checklist <a href="https://www.archicentreaustralia.com.au/home-safety-checklist/">https://www.archicentreaustralia.com.au/home-safety-checklist/</a></li> </ul>	Child Safe Kitchen and Outdoor Design <ul style="list-style-type: none"> <li>Criteria 1,2, 4, 6, 8</li> </ul>
6	3			
7	3 & 4	Exam Revision - Criteria 3 & 4	<ul style="list-style-type: none"> <li>Previous exams</li> <li>Exam guidelines</li> </ul>	<ul style="list-style-type: none"> <li>Criteria 3 &amp; 4</li> </ul>
8	3 & 4	Mid-Year Exams		<ul style="list-style-type: none"> <li>Criteria 3 &amp; 4</li> </ul>
9				

Week	Unit	Focus Topics	Activities and Resources	Assessment F – formative assessment opportunities WR – Work requirement
10	5	<ul style="list-style-type: none"> <li>Exam Feedback and reflection</li> <li>Folio introduction - folio guidelines, time management and planning, version control and backup (cloud storage)</li> <li>Revisit academic integrity &amp; referencing</li> <li>Developing student-initiated design briefs</li> <li>Brief, aims and needs</li> </ul>	<ul style="list-style-type: none"> <li>Folio guidelines</li> <li>Folio examples</li> <li>Folio - Brief, aims, needs (printable)</li> <li>Possible design briefs</li> <li>Academic Integrity (TASC)</li> </ul>	
Break				
Break				

### Term 3

Week	Unit	Focus Topics	Activities and Resources	Assessment F – formative assessment opportunities WR – Work requirement
1	5	<ul style="list-style-type: none"> <li>Project management and organisational tools</li> <li>Folios</li> <li>Precedents and site analysis</li> </ul>	<ul style="list-style-type: none"> <li>Folio - precedents - printable</li> <li>How to carry out site analysis</li> <li>Presenting your site analysis</li> <li>Folio - Site analysis - printable</li> <li>Site Analysis - checklist</li> </ul>	Unit 5 WR1 Folio Internal Assessment <ul style="list-style-type: none"> <li>Criteria 1, 2, 4, 6, 7 &amp; 8</li> <li>Criteria 3 &amp; 5 if applicable to students' topic</li> </ul>
2		<ul style="list-style-type: none"> <li>Context and design development</li> </ul>	<ul style="list-style-type: none"> <li>Folio - context - printable</li> </ul>	
3		<ul style="list-style-type: none"> <li>Design development</li> </ul>	<ul style="list-style-type: none"> <li>Design Development</li> </ul>	
4		<ul style="list-style-type: none"> <li>Final design drawing</li> </ul>	<ul style="list-style-type: none"> <li>Final Design</li> </ul>	
5		<ul style="list-style-type: none"> <li>Final design justification</li> </ul>		
6		<ul style="list-style-type: none"> <li>Evaluation &amp; final referencing</li> </ul>	<ul style="list-style-type: none"> <li>Evaluation</li> <li>Referencing</li> </ul>	
7		<ul style="list-style-type: none"> <li>Polishing &amp; refining</li> </ul>		
8	3		<ul style="list-style-type: none"> <li>Good design research task</li> </ul>	

Week	Unit	Focus Topics	Activities and Resources	Assessment F – formative assessment opportunities WR – Work requirement
9		<ul style="list-style-type: none"> <li>What makes good design - reflection Australian Architects</li> </ul>		<ul style="list-style-type: none"> <li>Criteria 4, 5</li> </ul>
10	3	<ul style="list-style-type: none"> <li>Interior Design</li> </ul>	<ul style="list-style-type: none"> <li>Opossum Bay Site Analysis Floor Plan</li> <li>Opossum Bay Site Analysis Photos</li> </ul>	Unit 3 WRI Opossum Bay Interior Design <ul style="list-style-type: none"> <li>Criteria 2, 4, 5</li> </ul>
Break				
Break				

## Term 4

Week	Unit	Focus Topics	Activities and Resources	Assessment F – formative assessment opportunities WR – Work requirement
1	3	<ul style="list-style-type: none"> <li>Interior design continued from week 30</li> </ul>		
2		<ul style="list-style-type: none"> <li>Reprise Sustainability - include embodied energy, greywater reuse, active solar (if not covered during Passive Solar Design Unit)</li> </ul>	<ul style="list-style-type: none"> <li>Comparison table tropical/temperate</li> </ul>	South facing block <ul style="list-style-type: none"> <li>Criteria 3</li> </ul>
3	4			
4	3	<ul style="list-style-type: none"> <li>Exam Revision - C4</li> </ul>	<ul style="list-style-type: none"> <li>Criterion 4 Revision Mind Map</li> </ul>	
5	4	<ul style="list-style-type: none"> <li>Exam Revision - C3</li> </ul>	<ul style="list-style-type: none"> <li>Criterion 3 Revision Mind Map</li> </ul>	Audit of PSD principles (F)