

SCHOOL/DEPARTMENT: Architecture & Planning

COURSE OUTLINE: ARCHHTC200 / Semester 1, 2017

1.0 GENERAL COURSE INFORMATION

Course Code:	ARCHDES200
Course Title:	Design 3
Points Value:	30 points
Prerequisites:	ARCHDES100 or 110
Restrictions:	ARCHDES210
Course Director:	Prof Andrew Barrie, Room 335, Building 421, a.barrie@auckland.ac.nz
Course Co-ordinator:	Farzaneh Haghighi, Room 326, Building 421, f.haghighi@auckland.ac.nz
Teaching Staff:	Sue Hillery. sue@hillerytaylor.co.nz

2.0 CLASS CONTACT HOURS

Monday, Tuesday & Friday, 1pm – 5pm; Level 2 Design Studios, Building 421.

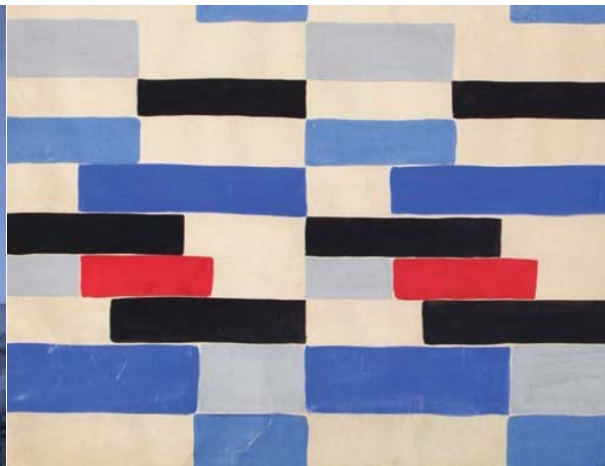
3.0 COURSE PRESCRIPTION

The Domestic: An introduction to those things both familiar and unfamiliar in our understanding of home, family, privacy, identity, and community. Explores both the most intimate and the most exposed aspects of dwelling, and addresses scales ranging from the room to the block.

TECHNO [+ HOUSE]



Artist: Donald Judd. Location MARFA. Texas. USA. Date 1980's



Artist: Sonia Delaunay. Design B53 [detail] 1924.

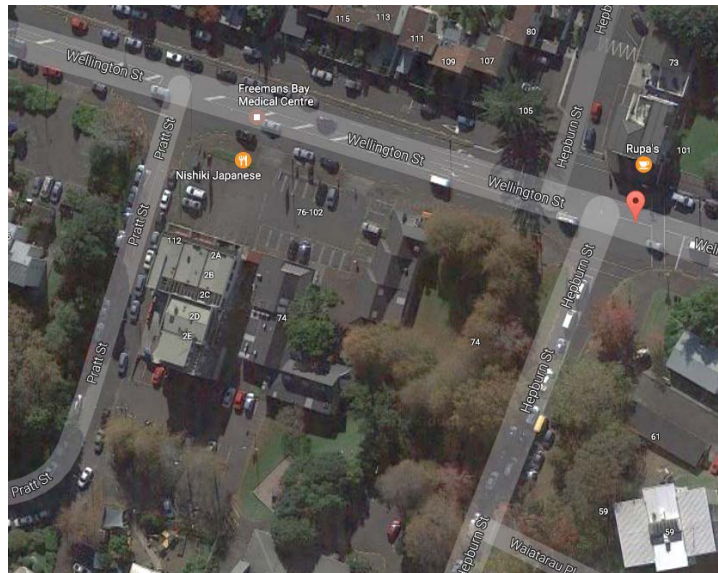
TECHNO [+ HOUSE], is a curious + resilient investigation into the possibilities of technological testing with that of the domestic environment. Enquiry is focused towards how proximity + and a range of spatial configurations can be controlled or liberated by technology.

Spanning from obvious and known forms of construction techniques ...

.... Laminated trusses..... space frames,.....portal frames.....pre-fabrication.....wall paper patterning.....lighting design.....thresholds.....wall surface intelligence.....frameless glass partitions.....glass reinforced concrete.....fibreglass,timber veneer.....; this paper aims to invent and develop assisted technologies that could either support, integrate or even exaggerate operations and activity in the domestic. Unique and responsive design solutions are to be extrapolated and tenuated to take account of a varying occupation ratio, demographic, and activities.

Moving from the: *Singular interior*, to the **3 + 1 Work + Home Space(s)** and then to **10 + 4 Work + Home Space(s)**, an examination of varying scales requires flexibility, from the individual through to the 'multiple' demands a syncopated response that sifts through size, ratio, and magnification that is then intertwined with detail and effect.

What is **TECHNO**. – and how is the **+House** compacted or extruded from detailed research, testing and fabrication.



Site Location: > **Freemans Bay**. > *Corner of Wellington Street + Hepburn Street.*

4.0 TEACHING AIMS

The aims of this course are to:

Design 3 carries the theme of 'domestic'. While being grounded in the known world, the paper presents the imperative of interrogating the *familiar*. Home, human relationships, privacy, connection to community and social structures will be examined as issues that hold architectural opportunity.

Design 3 looks to build upon the critical and technical skill bases developed in year 1 of the BAS.

5.0 LEARNING OUTCOMES

General ARCHDES200 Course Outcomes

On successful completion of this course, students should be able to:

- Theory: Demonstrate a critical understanding of the domestic and pursue a consistent line of questioning to uncover architectural opportunity within the familiar, and further, to explore that opportunity through the development of design propositions.
- Architectonics: Demonstrate abilities to develop the tectonic characteristics of the project through the making of material propositions.
- Performance: Show evidence of an understanding of how the design proposition behaves as an environment (in terms of light, heat, ventilation ...) and how it responds to and influences the site and spatial context it occupies.
- Form and space: Show evidence of conceptual and developed design skills in terms of three dimensional formal/spatial composition through the making of scaled 3-dimensional architectural propositions.
- Media: Demonstrate productive engagement with media specific to the discipline of architecture – plans sections, elevations, perspectives, models – and understandings of their uses and relationships to one another.

Specific Topic Outcomes

This studio topic will engage the general course outcomes in the following ways:

Theory: Develop an awareness of the influences of 'domestic' design through local examples and historical precedents. Demonstrate a continued awareness & research of the relationships between technology and the domestic that are specific to your project and methodology.

- Architectonics: Demonstrate an understanding of how technology, structures and engineered structural design can influence and characterise domestic space.
- Performance: Demonstrate and 'test' your design proposal through with environmental and site specific research. Consider key strategies of sustainable design that will elaborate and transform the final design proposal
- Form and space: Demonstrate an understanding of the two design briefs, of which demand a flexible & dynamic approach to design solutions. Develop and produce an range of physical models that explore & manipulate spatial possibilities verses the specific focus on technologies.
- Media: Students are to demonstrate + explore representational techniques + practices that will promote their investigations + final proposal. These should include: scaled drawings, experimental modeling + individual interpretations of how to communicate the *TECHNO [+ House]* proposal. Demonstrate an enquiry and ability interface with CAD programmes, Photoshop, Sketch up and then analog drawing techniques. Demonstrate an awareness of presentation layout. Compile, edit and craft a final WORKBOOK that takes account of your semesters work. I.e imagery, processed images of sketch models, primary sketching, technological remedies.

6.0 COURSE STRUCTURE AND CONTENT

Week 1	<i>TECHNO [+HOUSE]</i> Topic Outline Presentation in studio.
--------	--------------------------------------------------------------

<p>7th March</p>	<p><i>Historical Timeline –Work in group of 2-3. Each student set will present references from 1880's through to the 2020's</i></p> <p><i>Research & Present > 6 images:</i></p> <ul style="list-style-type: none"> > Roof plane > Interior furnishings > Ground Plane. <p><i>– that relates to the topic outline.</i></p> <p><u>Due: Friday 10th March 2017</u></p> <p><i>Introduction of 1st Assignment_ Room of One's Own</i></p> <p><i>Presentation of 1st Assignment_ Room of One's Own.</i></p> <p><u>Due: Monday 13th March 2017</u></p> <p><i>Introduction of 2nd Assignment_ 3 + 1 Work + Home Space(s)</i> Site Location: intersection of Hepburn Street & Wellington Street.</p> <p><u>Friday 20th March: Pin-up of 6 x A4 'processed images'</u></p>
<p>Week 2 13th March</p>	<p>Site – context + analysis = 3 + 1 Work + Home Space(s)</p> <p><i>Continue with investigation + testing of concepts, sketch models and design intention for the _3 + 1 Work + Home Space(s)</i></p>
<p>Week 3 20th March</p>	<p>1st draft: 3 + 1 Work + Home Space(s)</p> <p><i>20th March: preliminary group presentation of concepts, sketch models and design intention for the _3 + 1 Work + Home Space(s)</i></p> <p>24th March: group presentation:</p> <p><i>Deliverables:</i></p> <ol style="list-style-type: none"> 1. Investigation 2. Design + Testing [models + drawings] 3. Fabrication + Representation <p><i>2 x concept models (minimum) required. 2 x concept plans 1 x cross section.</i></p>
<p>Week 4 27th March</p>	<p><i>Introduction of 4th Assignment_ 10 + 4 Work + Home Space(s)</i></p> <p><i>React to the design brief that allows for an increased rate of occupation. Employ digital technologies to split, merge, warp, wrap & multiply – so as to intensify occupation and inhabitation</i></p> <p><i>30th March: preliminary group presentation of concepts, sketch models and design intention for the _10 + 4 Work + Home Space(s)</i></p> <p><i>Testing the Potential:</i></p> <ol style="list-style-type: none"> 1. Investigation 2. Design + Testing [models + drawings] 3. Fabrication + Representation
<p>Week 5 3rd April</p>	<p>3rd April : working towards a mid semester presentation: _10 + 4 Work + Home Space(s)</p> <p><i>Testing the potential:</i></p> <ol style="list-style-type: none"> 1. Investigation

	<p>2. Design + Testing [models + drawings] 3. Fabrication + Representation</p> <p>2 x concept models (minimum) required. 2 x concept plans 1 x cross section.</p>
Week 6 10 th April	<p>Mid Semester Reviews: D3: Monday 10th April. 1-5pm.</p> <p>> Present two schemes for the two sites: > Present 1st draft of A5 workbook</p>
	<p>Mid Semester Break <u>Friday 14- 28th April.</u></p> <p>Continue to work on the 10 + 4 work home space brief. Assess the final project in relation to mid-semester critique session. Revise the presentation & concept for Monday 12 October group discussion.</p>
Week 7 1 st May	<p>Development of _10 + 4 Work + Home Space(s)</p> <p>The 2nd half of the semester gives focus to the resolution of the proposed design; which demands concentration on technological investigation of materiality, structure and construction. Refer to topic course aims.</p> <p>Preliminary Design: Resolve programme/ spatial configuration/ strengthen concepts & clarify project.</p> <p>5th May: group presentation: Deliverables: 1. Investigation 2. Design + Testing [models + drawings] 3. Fabrication + Representation 4. Detailed models</p> <p>1 x final models (minimum) required. Final plans plans + renders 1 x cross section.</p>
Week 8 8 th May	<p>Introduction of 4th Assignment_ Extension of technologies Developed Design Selection of one of your earlier designs.</p> <p>Decide upon key changes and shifts in spatial configuration. Design & detail key applied technologies in your design. Mechanical/ decorative/ structural.</p> <p>14th May: group presentation: Deliverables: 2. Design + Testing</p>

	<p>3. <i>Fabrication + Representation</i></p> <p>4. <i>Detailed models</i></p>
<p>Week 9 15th May</p>	<p>Material + Detail & Fabrication: Increase scale of investigations.</p>
<p>Week 10 22nd May</p>	<p>Material + Detail <i>development</i></p>
<p>Week 11 28th May</p>	<p>Media Presentation + refinement. <i>Work towards final presentation.</i></p> <p><i>Deliverables:</i></p> <ul style="list-style-type: none"> > 2 x full concepts of 3 + 1 Work + Home Space(s), and _10 + 4 Work + Home Space(s). _10 + 4 Work + Home Space(s). > Minimum 12 x A3 or 6 x A1 drawings > 4 concept models > 2 final models > detailed models > Workbook
<p>Week 12 5th June</p>	<p>Monday: Queens Birthday (public holiday)</p>
	<p>Public Studio Reviews (Final Crits)</p> <p><i>D3 submission: Thursday 8th June, 3pm .</i></p> <p><i>D3 presentation: Friday 2nd June. 10.00am – 5.00pm.</i></p>

7.0 LEARNING RESOURCES

A FACEBOOK group will be established to be used as a collective teaching platform and to communicate on a regular basis.

7.1 Required Reading

A full reading + reference list will be provided during the course timeline.

7.3 Other Materials or Software

7.4 Use of Canvas

7.5 Other Assistance / Student Support Available

8.0 INCLUSIVE LEARNING

Students are urged to discuss privately any impairment-related requirements face-to-face and/or in written form with the course convenor/lecturer and/or tutor.

9.0 OTHER INFORMATION

Full attendance in studio times is essential.

There will be frequent checks on attendance in relation to the tutor's class list.

Monday design sessions: all students to attend for weekly debrief meeting.

email:

Sue Hillery: sue@hillerytaylor.co.nz

10.0 ASSESSMENT

10.1 Method of Assessment

100% coursework

All student work is assessed by the named staff member(s) offering each course topic, who are appointed as examiners. Provisional grades are confirmed at an examiners' review of the work of all students in that particular design course, in order to ensure parity of grading standards across course topics. All marks are indicative until confirmed in the Design Grading Moderation Review.

10.2 Assessment Criteria

Detailed information on assignment format and assessment criteria are provided below. The grading of work is based on the NICAI Grade Descriptors printed on the Faculty website: <https://cdn.auckland.ac.nz/assets/creative/for/current-students/course-planning-enrolment/Planning-and-enrolment-assets/NICAI%20grade%20descriptors.pdf>.

In addition to the criteria set out in the School handbook, assessment will be based on the following:

- Theory: Level of critical engagement with the theme of the 'domestic', ability to pursue a consistent line of questioning, ability to identify and explore opportunities yielded.
- Architectonics: Quality of material propositions and degree to which the project advanced through their making.
- Performance: Level of consideration of environmental and contextual aspects of the architectural proposition and the development of the proposition through that consideration.
- Form and space: Resolution of the scaled 3-dimensional architectural proposition and the design skill demonstrated in its making.
- Media: Quality of design development facilitated through engagement with media specific to the discipline of architecture.
- Quality of engagement in studio – singularly, in group discussions and in formal crits. Attendance in studio and for the duration of crit days is mandatory – students are expected to support and learn from their colleagues.

Specific topics will weight the factors presented above according their identified emphases.

10.3 Academic Integrity

The University of Auckland will not tolerate cheating, or assisting others to cheat, and views cheating in coursework as a serious academic offence. The work that a student submits for grading must be the student's own work, reflecting his or her learning. Where work from other sources is used, it must be properly acknowledged and referenced. This requirement also applies to sources on the world-wide web. A student's assessed work may be reviewed against electronic source material using computerised detection mechanisms. Upon reasonable request, students may be required to provide an electronic version of their work for computerised review.

10.4 Attendance and Participation

Attendance in class as well as engagement with course activities and readings supports academic success. Therefore it is strongly recommended that students make every effort to attend class and complete all the necessary in-class requirements.

10.5 Output Requirements

<p>Week 1 7th March</p>	<p>TECHNO_[+HOUSE] Topic Outline Presentation in studio.</p> <p><i>Historical Timeline –Work in group of 2-3. Each student set will present references from 1880's through to the 2020's Research & Present > 6 images: > Roof plane > Interior furnishings > Ground Plane. – that relates to the topic outline. <u>Due: Friday 10th March 2017</u></i></p> <p><i>Presentation of 1st Assignment Room of One's Own. <u>Due: Monday 13th March 2017</u></i></p> <p><i>Friday 20th March: Pin-up of 6 x A4 'processed images'</i></p>
<p>Week 2 13th March</p>	<p>Site – context + analysis = 3 + 1 Work + Home Space(s) <i>Continue with investigation + testing of concepts, sketch models.</i></p>
<p>Week 3 20th March</p>	<p>1st draft: 3 + 1 Work + Home Space(s) <i>20th March: preliminary group presentation of concepts, sketch models and design intention for the _3 + 1 Work + Home Space(s)</i></p> <p>24th March: group presentation: <i>Deliverables:</i></p> <ol style="list-style-type: none"> 1. Investigation 2. Design + Testing [models + drawings] 3. Fabrication + Representation <p><i>2 x concept models (minimum) required. 2 x concept plans 1 x cross section.</i></p>
<p>Week 4 27th March</p>	<p><i>30th March: preliminary group presentation of concepts, sketch models and design intention for the _10 + 4 Work + Home Space(s)</i></p>
<p>Week 5 3rd April</p>	<p>3rd April : working towards a mid semester presentation: _10 + 4 Work + Home Space(s) <i>2 x concept models (minimum) required. 2 x concept plans 1 x cross section.</i></p>

Week 6 10 th April	<p>Mid Semester Reviews: D3: Monday 10th April. 1-5pm.</p> <p>> Present two schemes for the two sites: 2 x concept models (minimum) required. 2 x concept plans 1 x cross section. > Present 1st draft of A5 workbook</p>
	<p>Mid Semester Break <u>Friday 14- 28th April.</u></p> <p>Continue to work on the 10 + 4 work home space brief. Assess the final project in relation to mid-semester critique session. Revise the presentation & concept for Monday 12 October group discussion.</p>
Week 7 1 st May	<p>Development of _10 + 4 Work + Home Space(s) 5th May: group presentation: Deliverables: 1. Investigation 2. Design + Testing [models + drawings] 3. Fabrication + Representation 4. Detailed models</p> <p>1 x final models (minimum) required. Final plans plans + renders 1 x cross section.</p>
Week 8 8 th May	<p>14th May: group presentation: Deliverables: 2. Design + Testing 3. Fabrication + Representation 4. Detailed models</p>
Week 9 15 th May	<p>Material + Detail & Fabrication: Increase scale of investigations.</p>
Week 10 22 nd May	<p>Material + Detail development</p>
Week 11 28 th May	<p>Media Presentation + refinement. Deliverables: > 2 x full concepts of 3 + 1 Work + Home Space(s), and _10 + 4 Work + Home Space(s). _10 + 4 Work + Home Space(s). > Minimum 12 x A3 or 6 x A1 drawings > 4 concept models > 2 final models > detailed models > Workbook</p>

Week 12 5 th June	Monday: Queens Birthday (public holiday)
	<p>Public Studio Reviews (Final Crits)</p> <p><i>D3 submission: Thursday 8th June, 3pm .</i></p> <p><i>Refer to Deliverables in Week 11, 28th May 2017.</i></p> <p><i>D3 presentation: Friday 2nd June. 10.00am – 5.00pm.</i></p>

11.0 STUDENT FEEDBACK

Students will be asked to complete an evaluation of the course at the end of the semester, usually on the morning of final presentation.

12.0 UNIVERSITY POLICIES AND GUIDELINES

This course is based on the university policies and guidelines. For further information, see the University and Faculty websites. On the Faculty website, the 'Quick Reference Guide for New Students' provides useful information on such things as key dates, where to go for help and advice, personal support and academic policies and procedures.

Students must note the following warning that applies to all material provided for this course. This includes printed material and electronic material, and material posted on Canvas. If you are not sure about the requirements, ask for clarification from the course coordinator.

COPYRIGHT WARNING NOTICE

This material is protected by copyright and has been copied by and solely for the educational purposes of the University under licence. You may not sell, alter or further reproduce or distribute any part of this course pack/material to any other person. Where provided to you in electronic format, you may only print from it for your own private study and research. Failure to comply with the terms of this warning may expose you to legal action for copyright infringement and/or disciplinary action by the University.