



MASSEY UNIVERSITY
COLLEGE OF CREATIVE ARTS
TOI RAUWHĀRANGI

2012 Paper Outline

Paper title:	Spatial Design Special Topic C: Sustainable Fabrication in Spatial Design
Paper Number:	224.490
Programmes:	Bachelor of Design (Honours), Bachelor of Design
Compulsory / Elective:	Elective
Credit Value:	15
Pre-requisites:	Permission of Head of Department
Co-requisites:	None
Restrictions:	None
Semester:	Block (Summer School) 12 November to 30 November
Campus:	Wellington
Online component:	Partially taught online
Hours of Learning:	An average of 40 hours per week
Paper Coordinator:	See Assessment Schedule for Paper Coordinator and contact details.

Prescription: The paper focuses on particular aspects of advanced Spatial Design. Offerings change from year to year or may not be offered in a particular year.

2012 Topic Description: Sustainable Fabrication in Spatial Design: An advanced examination of sustainable fabrication techniques, strategies and practices, and their application to urban design.

Learning Outcomes: Students who successfully complete this paper will be able to:

1. Independently identify, research and analyse social, cultural, economic and environmental factors relevant to sustainable urban design fabrication techniques, strategies and practices.
2. Develop an innovative sustainable urban design concept to detail design level.

Paper Outline / 224.490 cont.

3. Demonstrate the ability to skilfully apply sustainable design processes and strategies to a resolved urban design, and fabricate that design.
4. Visualise and present the process and resolution of a design & fabrication project to a professional standard.

Content: Social, cultural, economic and environmental factors relevant to sustainability.

- Design development and resolution from a given design concept
- Material exploration, prototyping and final design fabrication
- Design installation and presentation.

Assessment: This paper is internally assessed through a project on which formative feedback will be given during the semester. Students will receive a final grade at the end of the paper.

Assessment 1

100%

Sustainable fabrication in spatial design – design and fabrication project
Learning outcomes 1, 2, 3, 4.

Specific requirements for passing the paper:

The University has a requirement for students to achieve an overall minimum C grade; in addition

- All assessment components must be submitted
- All critiques/presentations must be attended

Students are expected to meet the stated deadlines for this paper as given in the Assessment Schedule or Project Brief. Limited extensions may be granted in the event of sickness or unusual circumstances. Requests for an extension should be accompanied by the appropriate written documentation (medical reports etc).

Assessment Criteria: Specific criteria are detailed on the Project brief.

Teaching Methods: Group discussions, workshops and tutorials, individual tutorials, critiques.
Resources: technical / fabrication support, use of workshop facilities.

References: Refer to brief

Paper Outline / 224.490 cont.

Approvals: DQEC 11 October 2012
College Board 26 October 2012