



UNSW
SYDNEY

Australia's
Global
University

Built Environment

IDES3321

Design Studio 3A



Course Outline – Term 1, 2020

Disclaimer

Information within this document is subject to change. The full and most accurate course outline will be available in Moodle closer to the start of the term in which the course is offered.

1. COURSE STAFF

Course Contact	Dr Mariano Ramirez
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2. COURSE DETAILS

Credit Points	6 units of credit (uoc)
Workload	Approx. 150 hours including class contact hours, weekly individual and group online learning activities, readings, class preparation, and assessment activities.
Teaching Times and Location	Find details in timetable http://www.timetable.unsw.edu.au

Description

IDES3321 Design Studio 3A focuses on the capacity of industrial design to address complex and pressing issues in the real world and highlights the ecological and social responsibilities of the industrial designer. The course emphasizes sustainable systems thinking and lifecycle thinking and develops design competence beyond purely commercial objectives. Each undertaking is expected to demonstrate a high level of technical resolution and documentation, and a rigorous engagement with the environmental and societal issues that are seen as opportunities for design intervention.

Aims

The teaching and learning activities in IDES3321 intend to:

1. Engage students with moderately complex design problems bounded by real-world considerations and constraints
2. Introduce students to a variety of tools and strategies for designing for sustainability
3. Help students gain an understanding and appreciation of the ecological and social responsibilities of industrial designers

Course Learning Outcomes (CLOs)

At the successful completion of this course, you will be able to:

1. Undertake a rigorous design process to generate, develop and communicate innovative, sound and sustainable solutions to real-world design problems.
2. Apply and integrate their prior knowledge of design principles, modeling, drawing, manufacturing, materials, marketing and information searching to arrive at work approaching a professional standard.
3. Reflect on the overall impacts of their designed solutions as well as their design process and their developing skills and abilities.

3. ASSESSMENT

Assessment task	Weight	CLOs Assessed
1. Task 1: Collaborative Circular Economy (Individual)	45%	N/A
2. Task 2: Sustainable Development Goals (Individual)	45%	N/A
3. Task 3: Learning Reflections (Individual)	10%	N/A

4. COURSE IMPROVEMENT AND FEEDBACK

Feedback from students is an integral part of improving courses and teaching approaches. One of the primary mechanisms of feedback is myExperience, which we strongly urge all students to complete at the end of term. Course convenors use the feedback to make ongoing improvements to the course. This is communicated in Moodle in the myFeedback Matters page.