

Ben Milbourne

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Introduction

A research design studio in which students collaborate with design faculty in exploring projects that engage contemporary issues defining the built and natural environments. Students choose topics outlined by faculty research expertise, including sustainable design, digital design and fabrication, architecture and the contemporary city, and innovative practice. Studio to be taken with one EVDS half courses complimentary to the studio topic.

Objectives

1. To explore architectural ideas across a ranges of scales from the urban structure and form at the city scale; down to the landscape and architectural scale of program and space; and ultimately develop concepts into the material resolution of projects.
2. To develop site specific design strategies at an urban level whilst reflecting and applying abstract concepts of density/ lifestyle.
3. To develop and implement process based design strategies, within analogue (physical models, sketching, proto-typing) and digital (3D modeling, Grasshopper) contexts.
4. To develop student skills in communication of design ideas in plan, section and elevation.
5. To develop student skills in digital and physical modelling, as a means of design development and communication.

Teaching Approach

The studio is a collaboration between students at the University of Calgary and Bild Architecture, Melbourne to prepare a group entry to the single stage Downtown Q Design Competition. This involves an integrated apprenticeship form of teaching where the studio critic leads and is actively engaged in the execution of the project. In addition to the group design and development of the formal competition entry students will also be responsible to develop one building site to a higher level of architectural development.

Content: Topic Areas

Except from the Competition brief <http://downtownqcompetition.com.au/>:

An invitation to shape the future of QueenBeyan, one of Australia's Oldest Country Towns.

The Queanbeyan Business Chamber invites Australian and international designers to enter a design ideas competition for Downtown Q – critical streets and sites within the Central Business District of Queanbeyan. With quality renewal or redevelopment Downtown Q will spearhead regeneration of one of Australia's oldest inland settlements. Winning designs will combine

urban design ideas and development concepts that project a visionary future of prosperity and design excellence for the regional city. These ideas and concepts will be used to generate confidence in outcomes for the community and may be further developed to define and stimulate investment opportunity."

Additional information will be provided at the beginning of the course.

Means of Evaluation

The course evaluation will be based on the projects to be completed during the term. Each project will be graded for both content and presentation. There will be no final examination.

Mid Term Presentation:	20%
Final Competition Submission:	60%
<u>Individual Design Project:</u>	<u>20%</u>
Total:	100%

Grading Scale

Faculty shall use the following methods for reporting grades and for determining final grades. Final grades shall be reported as letter grades, with the grade point value as per column 2. Final grades shall be calculated according to the 4-point range in column 3. Should faculty members evaluate any individual exams or assignments by percentage grades, the equivalents shown in column 4 shall be used.

Students must be informed of the method of calculation, and should be able to, from the grades provided by the instructor, determine their standing.

Final grades will be reported as letter grades, with the final grade calculated according to the 4-point range. Assignment(s) evaluated by percentage grades, will be converted into letter grade equivalents as shown.

Grade	Grade Point Value	4-Point Range	Percent	Description
A+	4.00	4.00	92.5-100	Outstanding - evaluated by instructor
A	4.00	3.85-4.00	85-92.49	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	3.70	3.50-3.84	80-84.99	Very good performance
B+	3.30	3.15-3.49	76-79.99	Good performance
B	3.00	2.85-3.14	73-75.99	Satisfactory performance
B-	2.70	2.50-2.84	70-72.99	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	2.15-2.49	66-69.99	All final grades below B- are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements.
C	2.00	1.85-2.14	63-65.99	
C-	1.70	1.50-1.84	60-62.99	

D+	1.30	1.15-1.49	56-59.99	
D	1.00	0.50-1.14	50-55.99	
F	0.00	0-0.49	0-49.99	

Notes:

- A student who receives a "C+" or lower in any one course will be required to withdraw regardless of their grade point average (GPA) unless the program recommends otherwise. If the program permits the student to retake a failed course, the second grade will replace the initial grade in the calculation of the GPA, and both grades will appear on the transcript.

Readings

A reading list will be provided at the beginning of the course.

CACB Student Performance Criteria:

The following CACB Student Performance Criteria will be covered in this course at a secondary level: A3: Graphic Skills; B1: Design Skills.

Notes:

1. Written work, term assignments and other course related work may only be submitted by e-mail if prior permission to do so has been obtained from the course instructor. Submissions must come from an official University of Calgary (ucalgary) email account.
2. It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Student Accessibility Services, please contact their office at 220-8237. (<http://www.ucalgary.ca/access>) Students who have not registered with the Student Accessibility Services are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.
3. Plagiarism - Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Most commonly plagiarism exists when:(a) the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work (this includes having another impersonate the student or otherwise substituting the work of another for one's own in an examination or test),(b) parts of the work are taken from another source without reference to the original author,(c) the whole work (e.g., an essay) is copied from another source, and/or,(d) a student submits or presents work in one course which has also been submitted in another course(although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved. While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted. Plagiarism is an extremely serious academic offence. It is recognized that clause (d) does not prevent a graduate student incorporating work previously done by him or her in a thesis. Any suspicion of plagiarism will be reported to the Dean, and dealt with as per the regulations in the University of Calgary Graduate Calendar.
4. Information regarding the Freedom of Information and Protection of Privacy Act (<http://www.ucalgary.ca/secretariat/privacy>) and how this impacts the receipt and delivery of course material