UNSW Course Outline

BEIL0010 Creating Value for Built Environment Clients - 2024

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General Course Information

Course Code : BEIL0010
Year : 2024
Term : Term 3
Teaching Period : T3
Is a multi-term course? : No
Faculty : Faculty of Arts, Design and Architecture
Academic Unit : School of Built Environment
Delivery Mode : Multimodal
Delivery Format : Standard
Delivery Location : Kensington
Campus : Sydney
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

Creating Value for Built Environment Clients examines interdisciplinary work that creates value to clients, our society and communities. We explore value management, whole life value, contract delivery methods and risk in value management for built environment projects. Real world

projects give you the exposure to industry practices.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Demonstrate collaborative skills in teamwork that ensure productivity and shared responsibility.
CLO2 : Generate solutions to create value in built environment projects.
CLO3 : Assess the quantifiable performance measures in creating value for industry based built environment projects.

Course Learning Outcomes	Assessment Item
CLO1 : Demonstrate collaborative skills in teamwork that ensure productivity and shared responsibility.	• Presentation • Draft consultation report • Consultant Report
CLO2 : Generate solutions to create value in built environment projects.	• Presentation • Draft consultation report • Consultant Report
CLO3 : Assess the quantifiable performance measures in creating value for industry based built environment projects.	• Online Quizzes • Presentation • Draft consultation report • Consultant Report

Learning and Teaching Technologies

Moodle - Learning Management System | Blackboard Collaborate

Learning and Teaching in this course

Our Built Environment Faculty is fundamentally about creating value. Each of the Built Environment professional disciplines strives to produce value for their clients, their communities, their society, and themselves. But we rarely examine how we "manage this value creation", define "the value for whom" and prioritise the often "conflicting values being created" in our professional life and work. In BEIL0010 - Creating Value for Built Environment Clients, we will explore how each of our professional disciplines, working together and individually, can maximise the value we create for our clients, our communities, our society and ourselves. The course is also about effective teamwork, group decision making and team communications that is so essential to successful value creation.

Using the Harvard University case study method of learning, you will work in cross disciplinary

teams of 6 to 8 students, on a Major Assignment to document and present your team's professional advice on how you will manage the value being created for your client on any one of the following projects:

- UNSW Health Translation Hub - https://www.planningportal.nsw.gov.au/major-projects/project/40556
- Sydney Fish Market - https://www.planningportal.nsw.gov.au/major-projects/project/39526
- Monte Saint Angelo, Scientia - https://www.planningportal.nsw.gov.au/major-projects/project/41861
- Coffs Harbour Cultural and Civic Space - https://www.planningportal.nsw.gov.au/major-projects/project/42101
- UWS Innovation Hub - https://www.planningportal.nsw.gov.au/major-projects/project/27246
- Doncaster Avenue Student Accommodation - https://www.planningportal.nsw.gov.au/major-projects/project/11726
- Qantas Flight Training Centre - https://www.planningportal.nsw.gov.au/major-projects/project/9961

The web addresses provided are Department of Planning and Infrastructure websites that provide an array of Design Documentation and Consultant submissions for Planning Applications on existing developments. Those documents will assist in guiding your team through the design process and the analysis as to how your Project will deliver value to the client.

The built environment values we create as professional planners, designers, construction managers and developers, cannot be accomplished by any of our professions working in isolation. Each of the built environment professional disciplines depend on input from the other disciplines to create this value, whether it is our:

- *Planners*, obtaining the planning approvals and creating the urban concepts that allow us to create value for our clients; or
- *Architects*, who conceptualise, design and document our buildings that allow us to create value for our clients; or
- *Interior Architects*, who design and document our building interiors and fit outs that allow us to create value for our clients; or
- *Landscape Architects*, responsible for the large-scale design of man-made landscapes and the design and documentation of smaller scale soft and hard landscapes, that allow us to create value for our clients; or
- *Industrial Designers*, responsible for ergonomic and functional design and creation of our living, working and social elements of the built environment, that allow us to create value for our clients; or
- *Computational Designers*, responsible for the digital technologies that allow creative, technical and built solutions to our built environment, that allow us to create value for our clients; or
- *Construction Managers*, responsible for managing the construction of landform, buildings and

landscapes into the built forms, that allow us to create value for our clients; or
- *Property Developers*, responsible for the feasibility, financing and development management of our built environments, that allows us to create value for our clients; or
- *Facility Managers*, responsible for, maintenance and operations, energy management, occupancy and space management, emergency management and business continuity.

This value creation is therefore about effective teamwork, team decision making and team communications, which are essential to maximising our client's value creation. Your Major Assignment is therefore made up of both team and individual work.

You will apply interdisciplinary principles and processes from lectures, discussions with guest speakers, revealed by your research and your readings, to advise your client how you will maximise the value in the redevelopment of the team's selected project.

Each student must step away from their undergraduate discipline and "adopt" an unrelated undergraduate discipline for this Major Assignment. Each of you will be required to "get inside the head, heart, soul and passion" of your "adopted" profession. For example, a construction management and property student must "adopt" a planning or design professional discipline; a design student must "adopt" a developer, planning or construction professional discipline.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Online Quizzes Assessment Format: Individual	30%	
Presentation Assessment Format: Group	10%	
Draft consultation report Assessment Format: Group	20%	
Consultant Report Assessment Format: Individual	40%	

Assessment Details

Online Quizzes

Assessment Overview

You will be quizzed on your knowledge of topics covered in the course. Feedback will be provided in the form of the correct answers.

Course Learning Outcomes

- CLO3 : Assess the quantifiable performance measures in creating value for industry based built environment projects.

Detailed Assessment Description

Assessment 1 - Quizzes

- Quizzes (i.e., a total of 3 quizzes) will be scheduled for Weeks 3, 5 and 9.
- Students must complete the quiz individually.
- The quizzes are worth 30% (10% each).
- Grades will be provided to each student through Moodle
- Without special consideration, students who miss a quiz will get zero mark.

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.
For more information on Generative AI and permitted use please see here.

Presentation

Assessment Overview

Working in groups, you will present key findings, conclusions and recommendations coming out of the Consultant Report. Grading will be done against assessment criteria, accompanied by written feedback.

Course Learning Outcomes

- CLO1 : Demonstrate collaborative skills in teamwork that ensure productivity and shared responsibility.
- CLO2 : Generate solutions to create value in built environment projects.
- CLO3 : Assess the quantifiable performance measures in creating value for industry based built environment projects.

Detailed Assessment Description

- The presentation of Consultant Report is worth 10%
- This is a group assessment and thus, group members will get the same scores
- The group may select up to 4 members to make the presentation

Generative AI Permission Level

Simple Editing Assistance

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.
If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.
For more information on Generative AI and permitted use please see here.

Draft consultation report

Assessment Overview

Working in groups, you will prepare a draft Consultant Report for a built environment project. Grading will be done against assessment criteria, accompanied by written feedback.

Course Learning Outcomes

- CLO1 : Demonstrate collaborative skills in teamwork that ensure productivity and shared responsibility.
- CLO2 : Generate solutions to create value in built environment projects.
- CLO3 : Assess the quantifiable performance measures in creating value for industry based built environment projects.

Detailed Assessment Description

- The Major assignment (Consultant Report) is of three parts, namely, Draft submission (20%), Final submission (40%) and Presentation (10%).
- The Consultant Report is a group project that students will be required to complete in groups of up to 7 students
- The draft report will be due for submission in week 7
- Comprehensive feedback will be given on the draft and this will assist groups to improve on the report for final submission
- In the report, there will be group sections and individual sections
- Out of the 20% allocated for the draft report, group score is 10% & individual 10%

Generative AI Permission Level

Simple Editing Assistance

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.
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Consultant Report

Assessment Overview

You will extend on assessment 2 and prepare a Consultant Report for a built environment project. Grading will be done against assessment criteria, accompanied by written feedback.

Course Learning Outcomes

- CLO1 : Demonstrate collaborative skills in teamwork that ensure productivity and shared responsibility.
- CLO2 : Generate solutions to create value in built environment projects.
- CLO3 : Assess the quantifiable performance measures in creating value for industry based built environment projects.

Detailed Assessment Description

- The Major assignment (Consultant Report) is of three parts, namely, Draft submission (20%), Final submission (40%) and Presentation (10%).
- The Consultant Report is a group project that students will be required to complete in groups of up to 7 students
- The final consultant report will be due for submission in week 10
- In the report, there will be group sections and individual sections
- Out of the 40% allocated for the final report, group score is 20% & individual 20%

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Generative AI Permission Level

Simple Editing Assistance

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.
If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily

demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.
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General Assessment Information

Grading Basis

Standard

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 9 September - 15 September	Lecture	Topic: Introduction to course
	Tutorial	Develop team charter
	Online Activity	Submit team charter
Week 2 : 16 September - 22 September	Lecture	Topic: Interdisciplinary teamwork, communication and leadership
	Tutorial	• Select one large scale project • Develop project charter
	Online Activity	Submit project charter.
Week 3 : 23 September - 29 September	Lecture	Topic: Value management
	Tutorial	Develop stakeholder management plan
	Online Activity	• Submit stakeholder management plan • Online quiz 1
Week 4 : 30 September - 6 October	Lecture	Topic: Function Analysis
	Tutorial	• Create a list of strategic functions • Create a project function priority matrix
	Online Activity	Submit list of strategic functions for your selected project
Week 5 : 7 October - 13 October	Other	State Holiday - No lecture and tutorial sessions
	Online Activity	Online quiz 2
Week 6 : 14 October - 20 October	Other	Flexibility Week - No lecture and tutorial sessions
Week 7 : 21 October - 27 October	Lecture	Topic: Whole Life value
	Tutorial	Establish KPI's for your selected project
	Online Activity	Submit the outlined KPIs for your project
Week 8 : 28 October - 3 November	Lecture	Topic: Project Design Controls
	Tutorial	Choose controls most suited for your project
	Online Activity	Submit project control strategies
Week 9 : 4 November - 10 November	Lecture	Topic: Contract Delivery Methods
	Tutorial	Feedback on draft consultant report
	Online Activity	Online quiz 3
Week 10 : 11 November - 17 November	Lecture	Topic: Risk in Value Management Value: An Ethical Approach
	Tutorial	• Finalising the consultant report • Working on presentation of consultant report
	Online Activity	• Consultant report presentation • Submit final consultant report

Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

Course Resources

Recommended Resources

- A Guide to the Project Management Body of Knowledge (PMBOK), sixth edition.
- Construction Extension to the PMBOK (2016), Project Management Institute (PMI), Project Management Body of Knowledge (PMBOK), 5th edition, Project Management Institute (PMI)
- NSW Treasury, Value Management Guidelines, September 2004, TAM04 – 14, ISBN 07313 32962
- Standards Australia, AS 4183 – 2007 Value Management Web sites
- Institute of Value Management Australia - www.value-management.com.au/
- Value Analysis - American Institute of Architects - www.aia.org/practicing/akr/AIAB089279

Course Evaluation and Development

We encourage and support students to maintain regular contact with the course convenor to provide informal feedback throughout the course. For specific issues or detailed feedback, please arrange a meeting with the course convenor via email.

In this course there is an option for students to provide anonymous feedback via the course's Moodle page, which is directly sent to the convenor. As a final step, students are invited to share their insights and experiences by completing the MyExperience survey. The feedback gathered each year is integral to the continuous enhancement and development of the course.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Elijah Boadu		Level 3 H13 Anita Lawrence Building		please email for appointment	No	Yes

Other Useful Information

Academic Information

For essential student information relating to:

- UNSW and Faculty policies and procedures;
- Student Support Services;
- Student equity and disability;
- Special Consideration in the event of illness or misadventure;
- Examination information;
- Review of results;

Please see: https://www.unsw.edu.au/arts-design-architecture/student-life/resources-support/protocols-guidelines

Academic Honesty and Plagarism

Plagiarism is using the words or ideas of others and presenting them as your own. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement.

UNSW groups plagiarism into the following categories:

- Copying: Using the same or very similar words to the original text or idea without acknowledging the source or using quotation marks. This includes copying materials, ideas or concepts from a book, article, report or other written document, presentation, composition, artwork, design, drawing, circuitry, computer program or software, website, internet, other electronic resource, or another person's assignment without appropriate acknowledgement.
- Inappropriate paraphrasing: Changing a few words and phrases while mostly retaining the original information, structure and/or progression of ideas of the original without acknowledgement. This also applies in presentations where someone paraphrases another's ideas or words without credit and to piecing together quotes and paraphrases into a new whole, without appropriate referencing.
- Collusion: Working with others but passing off the work as a person's individual work. Collusion also includes providing your work to another student for the purpose of them plagiarising, paying another person to perform an academic task, stealing or acquiring another person's academic work and copying it, offering to complete another person's work or seeking payment for completing academic work.
- Inappropriate citation: Citing sources which have not been read, without acknowledging the "secondary" source from which knowledge of them has been obtained.
- Duplication ("self-plagiarism"): Submitting your own work, in whole or in part, where it has previously been prepared or submitted for another assessment or course at UNSW or another university.

The UNSW Academic Skills support offers resources and individual consultations. Students are also reminded that careful time management is an important part of study. One of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting and proper referencing of sources in preparing all assessment items. UNSW Library has the ELISE tool available to assist you with your study at UNSW. ELISE is designed to introduce new students to studying at UNSW, but it can also be a great refresher during your study.

Completing the ELISE tutorial and quiz will enable you to:

- analyse topics, plan responses and organise research for academic writing and other assessment tasks
- effectively and efficiently find appropriate information sources and evaluate relevance to your needs
- use and manage information effectively to accomplish a specific purpose
- better manage your time
- understand your rights and responsibilities as a student at UNSW
- be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy
- be aware of the standards of behaviour expected of everyone in the UNSW community
- locate services and information about UNSW and UNSW Library

Use of AI for assessments

As AI applications continue to develop, and technology rapidly progresses around us, we remain committed to our values around academic integrity at UNSW. Where the use of AI tools, such as ChatGPT, has been permitted by your course convener, they must be properly credited and your submissions must be substantially your own work.

In cases where the use of AI has been prohibited, please respect this and be aware that where unauthorised use is detected, penalties will apply.

Use of AI for assessments | UNSW Current Students

Submission of Assessment Tasks

Assessment tasks must be submitted electronically via either Turnitin or a Moodle assignment. In instances where this is not possible, alternative submission details will be stated on your course's Moodle site. For information on how to submit assignments online via Moodle: https://student.unsw.edu.au/how-submit-assignment-moodle

Late Submission Penalty

UNSW has a standard late submission penalty of:

- 5% per calendar day,
- for all assessments where a penalty applies,
- capped at five calendar days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet deadlines and to request Special

Consideration as early as possible before the deadline. Support with Time Management is available here.

Important note: UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

School Contact Information

beadmin@unsw.edu.au