

INFS 2010 WORK- INTEGRATED LEARNING IN DIGITAL CONSTRUCTION

Credit Points 10

Legacy Code 301428

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Description The digitalisation of construction industries has grown considerably in the past decade and this unit responds in practical ways by engaging students in project-based learning related to Digital Construction within an industry framework. Students will select a project with an agreed industry partner, which involves simple digital applications in day-to-day construction such as software applications, information systems, digital solutions, apps and fintechs. This unit contributes towards the skills required for a work-ready graduate and allows the student to plan, undertake and report on a specific aspect of practice in the context of work.

School Eng, Design & Built Env

Discipline Information Systems, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 2 subject

Restrictions Students must be enrolled in 3782 Bachelor of Construction Management Advanced (Honours) AND have applied and selected by a partner organisation before enrolling in this subject.

Learning Outcomes

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

1. Manage various aspects of a project related to Digital Construction, including planning and implementation, to produce agreed deliverables that align with feedback.
2. Conduct research on the theoretical basis on the selected digital construction project demonstrating ethical, digital and information literacy.
3. Reflect on the learning and professional development achievements related to the selected digital construction project.
4. Apply communication and collaboration skills through the selected digital construction project and the workplace.
5. Integrate technical and digital tools for project management applications.

Subject Content

Students will learn how to manage a project on following simple digital applications in day-to-day construction, along with relevant theoretical knowledge through research:

- ?software applications
- ?information systems
- ?digital solutions/ apps/ fintechs

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/ Group Task
Proposal	1000 words	20	N	Individual
Presentation	15 minutes (each)	30	N	Individual
Report	2000 words plus an agreed deliverable	50	N	Individual

Teaching Periods

Autumn

Online

Online

Subject Contact Keivan Bamdad Masouleh ([https://directory.westernsydney.edu.au/search/name/Keivan Bamdad Masouleh/](https://directory.westernsydney.edu.au/search/name/Keivan%20Bamdad%20Masouleh/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=INFS2010_22-AUT_ON_O#subjects)