

INFS 7005 SMART CONSTRUCTION

Credit Points 10

Legacy Code 301189

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Description This unit introduces the evolving smart technologies applicable to construction and facilitates critical thinking in how these technologies can be gainfully applied in the construction industry. It builds up understanding of the subject content from baseline principles of management information systems moving towards evolving new technologies such as digital engineering, Building Information Modelling, Blockchain, Artificial Intelligence among others. The modern construction enterprises are critically analysed to determine the application of suitable technologies for their advancement.

School Eng, Design & Built Env

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 Postgraduate Coursework Level 7 subject

Assumed Knowledge

It is expected that students will have a basic understanding of construction procurement processes at undergraduate level.

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
Two online quizzes	30 minutes x 2	35	N	Individual
Case Study and Presentation	2,000 words And 10 minutes (including 5 minutes Q&A)	25	N	Both (Individual & Group)
Report And Presentation	4,000 words And 10 minutes (including 5 minutes Q&A)	40	N	Both (Individual & Group)

Teaching Periods