INFO 7019 SMART CONSTRUCTION

Credit Points 10

Legacy Code 301491

Coordinator Srinath Perera (https://directory.westernsydney.edu.au/search/name/Srinath Perera/)

Description This subject 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

Discipline Information Technology, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 10cp

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

Level Postgraduate Coursework Level 7 subject

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.

Type	Length	Percent	Threshold	Individual/ Group Task	Mandatory
Quiz	30 minutes x 2	35	N	Individual	Y
Case Study	2,000 words And 10 minutes (including 5 minutes Q&A)	25	N	Group/ Individual	Y
Report	4,000 words And 10 minutes (including 5 minutes Q&A)	40	N	Group/ Individual	Y

Teaching Periods

Spring (2025)
Parramatta City - Macquarie St
On-site
Subject Contact Srinath Perera (https://directory.westernsydney.edu.au/search/name/Srinath Perera/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFO7019_25-SPR_PC_1#subjects)