

# INFO 7019 SMART CONSTRUCTION

**Credit Points** 10

**Legacy Code** 301491

**Coordinator** Srinath Perera ([https://directory.westernsydney.edu.au/search/name/Srinath Perera/](https://directory.westernsydney.edu.au/search/name/Srinath%20Perera/))

**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/](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
Quiz	30 minutes x 2	35	N	Individual
Case Study	2,000 words And 10 minutes (including 5 minutes Q&A)	25	N	Both (Individual & Group)
Report	4,000 words And 10 minutes (including 5 minutes Q&A)	40	N	Both (Individual & Group)

Teaching Periods

## Spring (2023)

**Parramatta City - Macquarie St**

**On-site**

**Subject Contact** Srinath Perera ([https://directory.westernsydney.edu.au/search/name/Srinath Perera/](https://directory.westernsydney.edu.au/search/name/Srinath%20Perera/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=INFO7019\\_23-SPR\\_PC\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFO7019_23-SPR_PC_1#subjects))

## Spring (2024)

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