

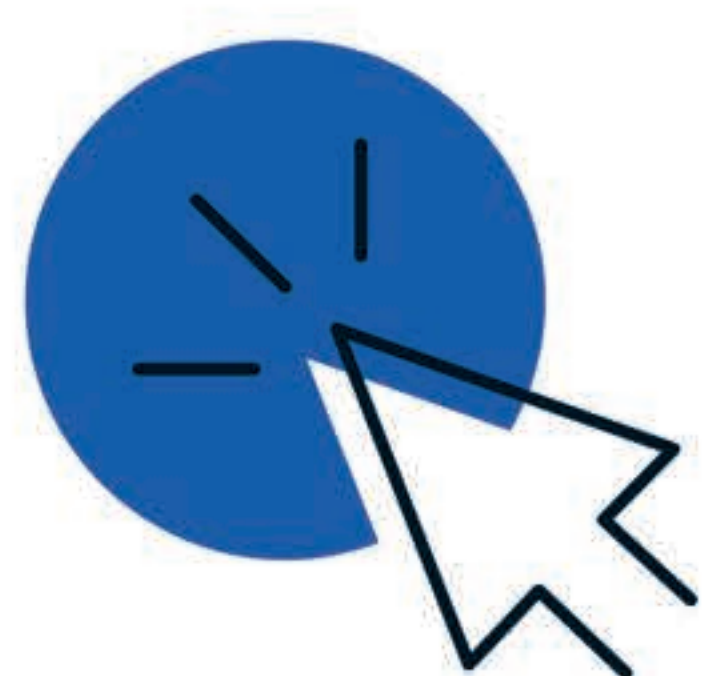
# Graduate Certificate in Digitalization and Technology for Construction

The programme empowers industry practitioners with vital skills for Construction 4.0, focusing on digital tools such as data analytics, Building Information Modelling, and digital twins. Participants will gain practical experience in construction automation and technology management, equipping them to lead innovative projects and drive transformation in the built environment. Join us to play a pivotal role in shaping the future of construction!

[MORE INFO](#)

## Why choose us?

- ✓ Ranked 3rd in Civil and Structural Engineering (QS World University Rankings)
- ✓ Alternative pathway to Master of Science in Civil Engineering:  
Complete 12 units with a GPA of 3.0 or higher to qualify for admission



### Admission Requirement

#### Eligibility

Individual with Bachelor's degree with relevant professional experience

#### Application Period

- January Intake:  
Starts in October / November
- August Intake:  
Starts in April / May

### Graduation Requirement

Complete 12 units of courses with a minimum GPA of 2.5



### Programme Details

#### Mode of Instruction

Part-time basis, featuring weekly face-to-face lectures

#### Candidature Period

Maximum 2 years

#### Programme Fee

SGD 1,450 per-unit of course (excluding 9% GST)



### Programme Structure

#### List of Courses

- **CE5805A** - Construction Productivity Analytics
- **CE5805B** - Design for Manufacture & Assembly
- **CE5806A** - Advanced Construction Planning & Control
- **CE5806B** - Lean Construction
- **CE5807A** - Digital Technologies for Construction
- **CE5807B** - Integrated Construction Logistics
- **CE5808A** - Virtual Design in BIM
- **CE5808B** - Advanced Digital Construction