



Graduate Diploma in Building Information Modelling and Integrated Project Delivery

Program Structure

Commencing January 2021

Program Code	Total Subject	Intakes	Duration	Degree Structure
SD-93038, V2	12	January, May, September	2 semesters	12 foundation subjects

Foundation Subject		
SSUD70-301	Foundations of Intelligent Construction (Open BIM)	January, May, September
SSUD70-302	Intellectual Property Rights (Data Exchange)	January, May, September
SSUD70-303	3D-BIM (Virtual and Augmented Reality)	January, May, September
SSUD70-304	4D-BIM (Schedule Optimisation)	January, May, September
SSUD70-305	5D-BIM (Cost Modelling)	January, May, September
SSUD70-306	6D-BIM (Environment Sustainability Assessment)	January, May, September
SSUD70-307	7D-BIM (Facilities Management)	January, May, September
SSUD70-308	BIM and Big Data (Geographic Information Systems – GIS)	January, May, September
SSUD71-010	Project Process Reengineering (Workflow Visualisation and Change)	January, May, September
SSUD71-011	Continuous Process Improvement (Quality and Safety Standards)	January, May, September
SSUD71-012	Productivity and Off-site Fabrication (Minimising Waste)	January, May, September
SSUD71-013	Managing Complexity in Construction (Maximising Value)	January, May, September

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Program Sequence

Commencing January		Commencing May		Commencing September	
Semester 1 (Jan)		Semester 1 (May)		Semester 1 (Sept)	
SSUD70-301	Foundations of Intelligent Construction (Open BIM)	SSUD70-301	Foundations of Intelligent Construction (Open BIM)	SSUD70-301	Foundations of Intelligent Construction (Open BIM)
SSUD70-302	Intellectual Property Rights (Data Exchange)	SSUD70-302	Intellectual Property Rights (Data Exchange)	SSUD70-302	Intellectual Property Rights (Data Exchange)
SSUD70-303	3D-BIM (Virtual and Augmented Reality)	SSUD70-303	3D-BIM (Virtual and Augmented Reality)	SSUD70-303	3D-BIM (Virtual and Augmented Reality)
SSUD70-304	4D-BIM (Schedule Optimisation)	SSUD70-304	4D-BIM (Schedule Optimisation)	SSUD70-304	4D-BIM (Schedule Optimisation)
SSUD70-305	5D-BIM (Cost Modelling)	SSUD70-305	5D-BIM (Cost Modelling)	SSUD70-305	5D-BIM (Cost Modelling)
SSUD70-306	6D-BIM (Environment Sustainability Assessment)	SSUD70-306	6D-BIM (Environment Sustainability Assessment)	SSUD70-306	6D-BIM (Environment Sustainability Assessment)
SSUD70-307	7D-BIM (Facilities Management)	SSUD70-307	7D-BIM (Facilities Management)	SSUD70-307	7D-BIM (Facilities Management)
SSUD70-308	BIM and Big Data (Geographic Information Systems – GIS)	SSUD70-308	BIM and Big Data (Geographic Information Systems – GIS)	SSUD70-308	BIM and Big Data (Geographic Information Systems – GIS)
Semester 2 (May)		Semester 2 (September)		Semester 3 (January)	
SSUD71-010	Project Process Reengineering (Workflow Visualisation and Change)	SSUD71-010	Project Process Reengineering (Workflow Visualisation and Change)	SSUD71-010	Project Process Reengineering (Workflow Visualisation and Change)
SSUD71-011	Continuous Process Improvement (Quality and Safety Standards)	SSUD71-011	Continuous Process Improvement (Quality and Safety Standards)	SSUD71-011	Continuous Process Improvement (Quality and Safety Standards)
SSUD71-012	Productivity and Off-site Fabrication (Minimising Waste)	SSUD71-012	Productivity and Off-site Fabrication (Minimising Waste)	SSUD71-012	Productivity and Off-site Fabrication (Minimising Waste)
SSUD71-013	Managing Complexity in Construction (Maximising Value)	SSUD71-013	Managing Complexity in Construction (Maximising Value)	SSUD71-013	Managing Complexity in Construction (Maximising Value)