

## 52873WA Advanced Diploma of Engineering Civil and Structural Study Plan

52889WA Diploma of Engineering Civil and Structural + 17 Units Below, 0 Electives (Approx 20 hours /week contact time + 10 hours Average in own Time)

Stage 1 & 2		Stage 3			Stage 4				
Semester 1 & 2		Semester 3			Semester 4				
<b>COMPLETE DIPOLMA OF ENGINEERING CIVIL STRUCTURAL 52889WA</b>		DCSBSA619 DCSMTH610 DCSSOM615	Use basic structural analysis in engineering	C	VU22550	Produce an engineering design for a reinforced concrete structure	C	<b>IMPORTANT NOTES</b>	
		DCSSAE626 DCSBSA619	Use structural analysis in engineering	C	VU22543	Produce an advanced engineering design for a reinforced concrete structure	C	UNITS AND BLOCKS WITH LOW STUDENT NUMBERS MAY BE CANCELLED AT COLLEGE DISCRETION	
		DCSSOL623 DCSBSE612	Use soils in engineering	C	VU22551	Produce an engineering design for a steel structure	C	RECOMMENDED COMPLETION TIME 1 YEAR FT DIPLOMA + 1 YEAR ADVANCED DIPLOMA	
		DCSFLE624 DCSBFE613	Use fluids in engineering	C	VU22544	Produce an advanced engineering design for a steel structure	C	UNITS OF SAME COLOUR GROUP MUST BE TAKEN TOGETHER.	
		DCSCAE627 DCSBCE602 DCSGRE603	Use 3D CAD in engineering	C	VU22549	Produce an engineering design for a sewerage reticulation scheme	C	DCSPHY606 DCSBME604	<b>PREREQUISITES</b>
		VU22552	Produce advanced engineering drawings for a reinforced concrete structure	C	VU22494	Produce engineering drawings for a stormwater reticulation scheme	C		
		VU22553	Produce advanced engineering drawings for a steel structure	C	VU22547	Produce an engineering drainage design of pipes and culverts	C		
		VU22493	Produce drawings to enable urban road construction	C	DPEFPE619	Apply the fundamentals of professional engineering	C		
		VU22492	Produce engineering drawings for a rural road	C					