

VET in Schools 2010

Certificate II in Engineering Studies

21566VIC

To be awarded the Certificate II in Engineering Studies requires satisfactory completion of all core units plus one elective totalling 400 hours. Students exiting prior to completion of the course requirements will be issued with a statement of attainment for all units of competency successfully completed

Years of delivery: 2 years
Nominal delivery hours: 400

PROGRAM DELIVERY

Program: Year 1

Unit Code	Unit Name	Nominal Hours	Delivery (School)	Delivery (RTO)
MEM1.2FA	Apply principles of Occupational Health & Safety in work environment	20		20
MEM18.1AB	Use hand tools	20		20
MEM18.2AA	Use power tools/hand held operation	20		20
VBN768	Develop an individual career plan for the engineering industry	20	20	
VBN769	Perform basic machining processes	40		40
VBN770	Apply basic fabrication techniques	40		40
VBN772	Use computers for engineering related work activities	20		20
VBN774	Apply basic computational principles in engineering work activities	20		20
	TOTAL	200	20	180

Program: Year 2

Scored Assessment Available

Unit Code	Unit Name	Nominal Hours	Delivery (School)	Delivery (RTO)
VBN771	Apply electrotechnology principles in an engineering work environment	20		20
VBN773	Produce basic engineering sketches and drawings	20		20
VBN776	Use basic engineering concepts to plan the manufacture of engineering components	20		20
VBN777	Handle engineering materials	20		20
VBN778	Produce basic engineering components and products using fabrication and machining	60		60
VBN782	Perform basic welding and thermal cutting processes to fabricate engineering structures	60		60
	Total	200		200