Computer Aided Drafting

TAFE course enrolment number	17437	Is this course available for school-based trainees?	No

VET credential available	Statement of Attainment in Computer Aided Drafting

BOS course name	Pattern of study	BOS course number	Schools Online (Administration) entry advice
Computer Aided Drafting (120 hours)	2 units x 1 year	41501	Enter this course number for either Preliminary (Year 11) or HSC (Year 12)
Computer Aided Drafting (240 hours)	2 units x 2 years	41503	Enter this course number for both Preliminary (Year 11) and HSC (Year 12)

Exclusions	Industrial Technology Graphics Technologies Focus Area

Access including access by students in Stage 5	In certain circumstances students in Stage 5 may access this Stage 6 VET course while also completing the requirements for the award of the School Certificate. Further information is available on the Board of Studies website at www.boardofstudies.nsw.edu.au/voc_ed/stage-5.html

HSC unit credit and course requirements

HSC unit credit for VET courses can be accredited to the Preliminary and/or HSC pattern of study.

Computer Aided Drafting (120 indicative hours)
- accredited for a <u>total</u> of 2 units at the Preliminary and/or HSC level
- attempt NSWTMET00IA (Group 1) and Group 2 units of competency to a minimum of 110 HSC indicative hours
- undertake a minimum of 35 hours of mandatory work placement *.

Computer Aided Drafting (240 indicative hours)
- accredited for a <u>total</u> of 4 units at the Preliminary and/or HSC level
- attempt NSWTMET00IA (Group 1) and Group 2 and/or 3 units of competency to a minimum of 230 HSC indicative hours
- undertake a minimum of 70 hours of mandatory work placement *.

*   It is permissible to meet this requirement through a simulated workplace. All simulated workplace training will be carried out on industry standard computer equipment and all work produced will be to industry standards and Australian Drawing Standards.

For a course to count towards the HSC program of study students must satisfy the course completion criteria as required by the Board of Studies. Refer to Section 8.4 of the *Assessment, Certification and Examination (ACE) Manual.*

Under some circumstances, students' part-time work in an appropriate workplace may be used to fulfil work placement requirements. Refer to the *Assessment, Certification and Examination (ACE) Manual* or relevant Board of Studies Official Notices for further details.

Course content

Unit code	Unit title	Core (C) or elective (E) for AQF VET qualification	Prerequisites	Indicative hours for HSC credit
Compulsory *(TAFE course Group 1)*				
NSWTMET00IA	MERS induction unit	–	–	10
Units of competency for the 120-hour *(TAFE course Group 2)* **and 240-hour courses** *(TAFE course Group 3)*				
MEM09002B	Interpret technical drawing	E	nil	30
MEM09003B	Prepare basic engineering drawing	E	MEM09002B	30
MEM09005B	Perform basic engineering detail drafting	E	MEM09002B MEM09003B	40
MEM09009C	Create 2D drawings using computer aided design systems	E	MEM09002B MEM16008A	40
MEM09010C	Create 3D models using computer aided design system	E	MEM09002B MEM09009C MEM16008A	30
MEM16008A	Interact with computing technology	E	nil	10
Units of competency for the 240-hour course only *(TAFE course Group 3)*				
MEM16006A	Organise and communicate information	E	nil	15
MEM30001A	Use computer aided drafting systems to produce basic engineering drawings	E	MEM16006A MEM16008A	50
MEM30002A	Produce basic engineering graphics	E	MEM16006A MEM16008A	30
MEM30003A	Produce detailed engineering drawings	E	MEM16006A MEM16008A MEM30001A MEM30002A	40
			Total HSC indicative hours	**120 or 240**

For further information

Refer to the following websites:

www.det.nsw.edu.au/vetinschools/vet/tvet/index.html

www.tafensw.edu.au ➜ Find a course (Advanced search options) ➜ TVET for schools