

SCOPE AND SEQUENCE – Course name: Manufacturing and Engineering - Introduction

2unit x 2year

Kurri Kurri High School

Qualification: MEM10119 Certificate I in Engineering & Statement of Attainment toward MEM20413 Certificate II in Engineering Pathways

Preliminary Commencement: 2022

Unit Code	Unit Title	NESA Hrs	Term 1		Term 2		Term 3	
			1-5	6-10	1-5	6-10	1-5	6-10
MEM13015	Work safely and effectively in manufacturing and engineering	40						
MEM16006	Organise and communicate information	15						
MEM11011	Undertake manual handling	5						
MEM18001	Use hand tools	20						
MEM18002	Use power tools/hand held operations	20						
MEM12024	Perform computations	20						
MEM16008	Interact with computer technology	10						
MEM07032	Use workshop machines for basic operations	20						

NSW Education Standards Authority (NESA) Schools Online entries for the course: Manufacturing and Engineering - Introduction

- ☐ 59732 2x2yr
- ☐ 59733 4x1yr

To ensure students achieve both NESA and Training Package requirements, enter competencies into Schools Online in each year of course, as per this guide.

It is mandatory for all students studying a VET course to create a Unique Student Identifier (USI). Only students who have a verified USI uploaded to Schools Online will be issued with a credential. All Students (including Early Commencement) must have completed all my own work.

Refer to NESA key dates <https://educationstandards.nsw.edu.au/wps/portal/nesa/about/key-dates/actions-for-secondary-schools>

Preliminary year of study Enter only the units of competency below		HSC year of study Enter the HSC units of competency below AND ensure that Preliminary units not rolled over on Schools Online are also entered	
MEM13015	Work safely and effectively in manufacturing and engineering	MEMPE006A	Undertake a basic engineering project
MEM16006	Organise and communicate information	MEMPE001A	Use engineering workshop machines
MEM11011	Undertake manual handling	MEMPE005A	Develop a career plan for the engineering and manufacturing industry
MEM18001	Use hand tools	MEMPE002A	Use Electric welding machines
MEM18002	Use power tools/hand held operations	MEMPE004A	Use fabrication equipment
MEM12024	Perform computations		
MEM16008	Interact with computer technology		
MEM07032	Use workshop machines for basic operations		

Public Schools NSW, Tamworth RTO90162 manages the requirements of *Standards for RTOs 2015* [Clause 3.3](#) by ensuring students receive their AQF certification documentation upon completion of their training program.

Public Schools NSW, Tamworth RTO 90162 have engaged NESA to issue the credentials within 30 days of course completion for the student cohort. Students will need to download an electronic testamur via Students Online before the Students Online account expires in June of the following year. <https://studentsonline.nesa.nsw.edu.au/go/login/>