

## School Delivered VET courses



# Manufacturing and Engineering - Introduction

This course aims to provide students with a broad overview of the engineering field and prepares you for entry into employment as an apprentice or trainee in the areas of mechanical, fabrication, electrical, automotive and electronics engineering.

### Is this course right for me?

Students undertaking this program will learn a range of fabrication and machining skills and work with welding machines, lathes and milling machines as well as learning about hand and power tools and precision measurement tools.

### Where can this course take me?

Potential job roles include; operator-production worker or operator-process worker, factory worker, metal production assistant, sheet metal worker, machinist, equipment maintainer & repairer, plant mechanic, mechanical fitter, tool and die maker, design engineer, CNC operator, mechanical and maintenance engineer.

The course also provides a pathway into fabrication and engineering trades in qualifications such as MEM30219 Certificate III in Engineering - Mechanical Trade and MEM30319 Certificate III in Engineering - Fabrication Trade

[education.nsw.gov.au](http://education.nsw.gov.au)

### Subjects that support this career path

- Mathematics or Mathematics Standard 1 and 2
- Engineering Studies
- Computing Applications
- Industrial Technology
- Design and Technology
- Information and Digital Technology
- Resources and Infrastructure
- Construction

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| Credential available                           | Full Certificate and Statement of Attainment  |
| Course code/name                               | MEM10119 Certificate I in Engineering + SOA towards MEM20413 Certificate II in Engineering Pathways |
| ATAR eligible                                  | No  |
| Mandatory placement hours                      | 35 hours  |
| SBAT available                                 | No  |
| Specialisation required for full qualification | No  |



For more information contact your VET Coordinator / Careers Adviser, or visit our Internet site:  
[www.education.nsw.gov.au/school-delivered-vet](http://www.education.nsw.gov.au/school-delivered-vet)