COURSE DESCRIPTION

The St Patrick’s Technical College Metals & Engineering course prepares students for a range of careers in the Manufacturing, Resources & Engineering and Defence industries. Students become skilled at welding, cutting, designing, shaping and manufacturing metal structures and components, machining using lathes and milling machines. Demand for tradespeople in this field is high and apprenticeship opportunities are good. Successful completion of the full two-year program can also provide an avenue to further education opportunities at the TAFE SA Centre for Mining & Engineering.

COURSE STRUCTURE

Year 11
- Trade Maths
- Trade English
- Engineering Science
- Design Technology
- Technical Drawing
- Research Project

Year 12
- SACE Research Project
- Workplace Practices
- Trade Theory
- Pre-vocational Training
- Apprenticeship

QUAL
- Trade Maths
- Trade English
- Engineering Science
- Design Technology
- Technical Drawing
- Research Project

SACE
- Metal Fabrication
- Mechanical Engineering
- Industry Areas
- Manufacturing
- Defence
- Mining & Resources

PATHWAY
- Manufacturing
- Defence
- Mining & Resources

APPROXIMATELY 10% of the apprentices at the ASC Shipbuilding facility at Techport are current or former St Pat’s Tech students.

ST PAT’S FACT

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OMETALS & ENGINEERING

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