APPLIED ENGINEERING

COURSE DESCRIPTION

The St Patrick's Technical College Applied Engineering course provides students with the opportunity to advance their education for the critical employment areas associated with the Advanced Manufacturing, Resources, Energy and Defence sectors.

This two year program introduces students to the scope, rigor and discipline of engineering by teaching traditional SACE subjects, such as Mathematics and Physics, with a significant focus on practical applications. The course content extends students in a more academic and challenging curriculum.

Students undertaking the Applied Engineering course are eligible for an Australian Tertiary Admission Rank (ATAR) allowing them to pursue a direct university entrance or TAFE SA award course pathway.

COURSE STRUCTURE

<table>
<thead>
<tr>
<th>Year 11</th>
<th>Year 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>SACE RESEARCH PROJECT</td>
<td>WORKPLACE PRACTICES</td>
</tr>
<tr>
<td>TRADE</td>
<td>PRACTICAL TRAINING</td>
</tr>
</tbody>
</table>

PRACTICAL TRAINING

- SACE RESEARCH PROJECT
- WORKPLACE PRACTICES
- TRADE
- PRACTICAL TRAINING

PATHWAYS

- Undergraduate Engineering
  - TAFE SA Centre for Mining & Engineering
    - Industry Areas
      - Manufacturing
      - Defence
      - Mining & Resources

100%

OF COURSE GRADUATES HAVE RECEIVED FIRST ROUND UNI OFFERS

TERTIARY OFFERS

- ELECTROTECHNOLOGY
  - Bachelor of Engineering
  - Diploma of Electrical Engineering
  - CIV in Electrical
  - CIV in Instrumentation
  - CIV in Renewable Energy

- MINING & ENGINEERING
  - Bachelor of Engineering
  - Diploma of Engineering
  - Diploma of Geoscience
  - CIII in Mining Exploration
  - CIII in Engineering (Technical)

TERTIARY PATHWAYS

Mathematical Studies
English Pathways
Physics
Scientific Studies
Research Project

CERTIFICATE II IN ELECTRO-TECHNOLOGY*
- UEE22011

CERTIFICATE II IN ENGINEERING*
- MEM20105

*PART ONLY

SACE ■ Training ■ Apprenticeships

2-6 Hooke Road Edinburgh North SA 5113 | PO Box 65 Edinburgh North SA 5113
T 1300 765 384 | F 08 8209 3777
info@stpatstech.sa.edu.au | www.stpatstech.sa.edu.au