

Certificate IV, Diploma & Advanced Diploma of Engineering Bachelor of Control & Systems Engineering

A Regional Partnerships Facilitation Fund Initiative

Control & Systems Engineering

- A multi-disciplinary stream of skills across industry sectors carrying out value adding processes
- Achieving productivity through process and control systems automation engineering

Focus on Practical Learning

- Practical application of engineering theory
- Underpinning regional industry through practical experienced based engineering skills
- Incorporation of Industry based projects

Physics Hydraulics Materials CAD Industrial Eng. QC Chemistry
Mech. & Machine Theory Robotics Wireless Eng. Economics Elec. Drives
Sensing & AI Microprocessors DCS Smart Instruments & Valves
Power Electronics Process Design Production Eng. Pneumatics Circuits
Mathematics Industrial Processes Control Eng. Management PLC

Career pathway intake

Flexible entry pathways for technically minded individuals from diverse backgrounds and experience

- Year 12 graduates
- TAFE graduates
- Industry workers

A major objective is to establish a program that is viable and sustainable attracting students from the region, nationally & internationally through ON and OFF campus flexible study options.

Now SEEKING Industry Participation:

This Engineering pathway based in Gippsland is being developed with long term Industry skills development needs as the primary objective.

Input and feedback into the Engineering qualifications' design and outcomes is sought from organisations in the fields of engineering, manufacturing, processing and automation.

Contact:

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Processing & packaging



Manufacturing



Agriculture



Timber & Forestry



Power, Mining & Resources

A Regional Partnerships Facilitation Fund (RPFF) Initiative

The RPFF was established to support delivery of projects that contribute to increasing higher education participation & attainment in regional Victoria. It supports stronger alliances between TAFEs and Universities to deliver relevant skills in local regions.

The RPFF is supported through the Victorian Government's 'Regional Growth Fund'.

Funding submissions under RPFF Round 2 are now under consideration.

Pathway: Diploma → Adv. Diploma → Degree

- Credit transfer Diploma & Adv. Diploma into Bachelor degree
- Access to both Monash and TAFE infrastructure, experience & resources for the duration of the pathway program



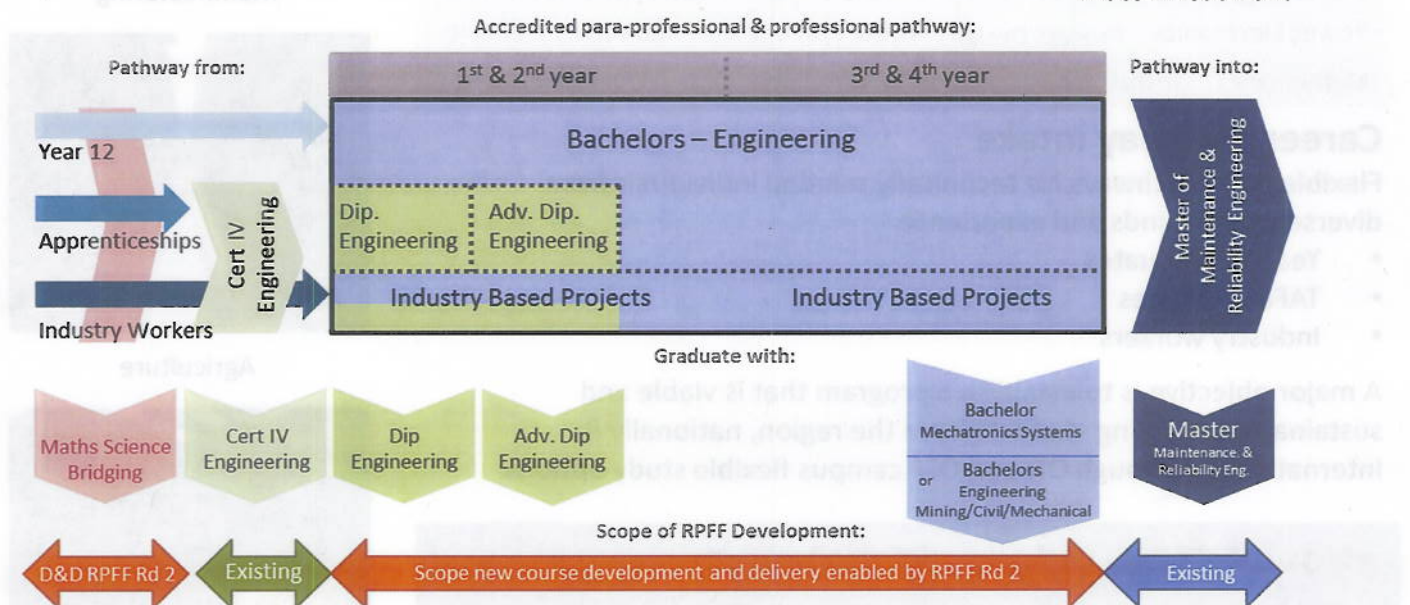
Process Automation



Water Treatment

Harvesting Utility Control Systems Food Packaging
Transport & Logistics Additive Manufacturing Mining
Manufacturing Processes Aerospace Automotive Irrigation
Water Treatment Fertiliser & Chemical Application

Engineering Pathway: VET → University



Core Partners

Pathway Supporters Include

(not all supporting organisations listed)



Partnership Project Funding Example

Mechatronics Systems Pathway Project



'Automated value adding is the backbone of Regional Economies'



Processing
& Packaging



Manufacturing



Agriculture



Timber & Forestry



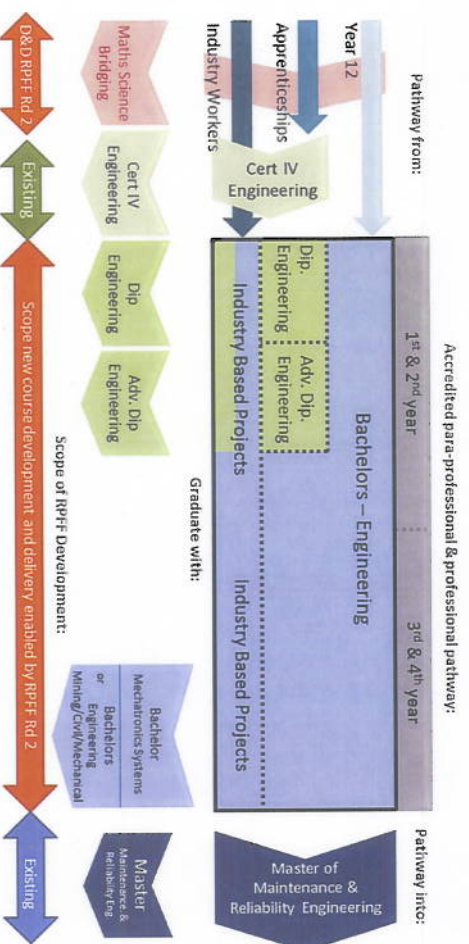
Process
Automation



Water
Treatment



Mining & Energy



- ✓ Industry Partnership Project
- ✓ Applied Project Based Learning
- ✓ Identified Skills Shortage Area

Federation
UNIVERSITY • AUSTRALIA

Gippstaffe

GIPPSLAND EDUCATION
PRECINCT



STS
SAFETECH TIERMAN SOLUTIONS