



What is Electrotechnology?

You will learn to:

- work safely in the industry
- solve problems with single path circuits
- provide solutions to electrotechnology problems
- provide sustainable energy solutions for energy reduction
- fix and secure electrotechnology equipment

This course will prepare you for further training to be an Electrician, Data Technician, or Refrigeration & Air Conditioning Mechanic.

You need: Steel capped boots, long pants, and long sleeved hi-vis shirt. White Card is an advantage and necessary for work placement.

What is Construction Pathways?

You will learn to:

- work effectively and sustainably in construction
- carry out measurements and calculations
- undertake a basic construction project
- apply health and safety procedures in construction
- apply basic levelling
- use carpentry tools and equipment

This course will prepare you for further training or employment to become a Carpenter, trades assistant, building labourer, or construction assistant.

You need: Steel capped boots, long pants, and long sleeved hi-vis shirt. White Card and work experience in a trade setting is an advantage.

What is Early Childhood Education and Care?

You will learn to:

- support inclusion and diversity
- monitor children's health, safety and wellbeing
- look after babies and toddlers
- develop positive and respectful relationships with children
- provide experiences to support children's play and learning



- encourage understanding of Aboriginal and/or Torres Strait Islander peoples' cultures

This course will prepare you for further study or employment as a Childhood Educator or Assistant Educator, Playgroup Supervisor, Preschool Aide, Nanny, Outside School Hours Care Assistant, Recreation Assistant.

You need to know: Takes 18mths to complete (start at beginning of Year 11 and finish end of semester 1 Year 12).

Work placement: 160 hours. Working with Children Check (WWCC) is an advantage and necessary for work placement.

You need to: Attend an immersion day or have evidence of work experience.

What is Information Technology Game Development?

You will learn to:

- use C# to develop games in Unity 3D
- implement game mechanics
- create games quickly as you learn rapid prototyping
- generate levels, special effects, user interface and game logic
- manage projects using version control and collaboration tools

This course will prepare you for further study in game programming towards Advanced Diploma level courses and employment with game studios or in serious games/simulations for Defence and mining.

You need: Evidence of learning in digital art and/or some work in a game engine, or attendance to Thrive Week workshops with AIE, or proof of enrolment in a relevant subject at school.

What is Screen and Media – Game Design Foundations?

You will learn to:

- Develop a game from initial concept to playable demo
- Use the Unity 3D game engine or Unreal Engine
- Define and develop game mechanics
- Use rapid prototype gameplay
- Create interactive environments
- Process feedback to refine game design

This course will allow you to continue to develop quality artwork for games and will build a portfolio for potential entry into AIE's Advanced Diploma level courses.



You need: Evidence of learning in digital art and/or some work in a game engine, or attendance to Thrive Week workshops with AIE, or proof of enrolment in a relevant subject at school.

What is Screen and Media – Game Art Foundations?

You will learn to:

- Develop 3D environments, characters and animation for interactive games
- Use concept art, 3D modelling, texturing, animation, lighting, gray boxing
- Create animated game characters
- Create interactive environments
- Incorporate interactive game play elements

This course will allow you to continue to develop quality artwork for games and will build a portfolio for potential entry into AIE's Advanced Diploma level courses.

You need: Attendance to Thrive Week workshops with AIE, or proof of enrolment and student work in a relevant subject at school.

What is Allied Health Assistance?

You will learn to:

- Interpret and apply medical terminology
- Communicate and work in health or community services
- Work with diverse people
- Assist with an allied health program
- Recognise impact of health conditions
- Apply basic practices of infection prevention and control
- Provide support to people living with dementia
- Provide first aid
- Assist with movement

This course will prepare you for further study in Allied Health Professions – Physiotherapy, Occupational Therapy, Speech Pathology.

Work placement: 2 Weeks (1 school holiday break). Police clearance, Flu & COVID vaccinations may be required.

You need: 1 week of work experience in Allied Health, attendance at a specific ANMEC industry immersion session, and evidence of career exploration of health pathways in EIF or AIF with a health focus.



What is Individual Support?

You will learn to:

- Provide individualised support
- Support independence and wellbeing
- Work with diverse people
- Recognise healthy body systems
- Work legally and ethically
- Apply basic practices of infection prevention and control
- Follow safe practices for direct client care
- Provide first aid
- Recognise and respond to oral health and mental health issues

This course will prepare you for further study in enrolled and registered nursing, midwifery and paramedicine.

Work placement: 3 Weeks (2 school holiday breaks). Police clearance, Flu & COVID vaccinations may be required.

You need: Attendance at an industry immersion session, and evidence of career exploration of health pathways in EIF or AIF with a health focus, or relevant work experience.