



**UNSW**  
SYDNEY



EngineeringAid Australia  
*Building futures*

# Indigenous Australian Engineering School (IAES)

12 – 18 January, 2025



An initiative of:  
**Engineering Aid Australia**

Hosted by:  
**UNSW Faculty of Engineering**

## What do engineers do?

The world needs engineers who can harness their creativity, collaboration, and critical thinking skills to design solutions for a better world. As an engineer, you'll tackle technical and environmental challenges by combining your expertise in science, mathematics and creative problem-solving.

Engineers take on diverse roles across various industries, from civil and environmental fields to computer science and mining—the possibilities are limitless.

The engineering sector needs more Aboriginal and Torres Strait Islander professionals, particularly in remote and outback areas of Australia, to lead infrastructure projects. Engineers are invaluable resources for communities.

## What is IAES?

The Indigenous Australian Engineering School (IAES) is an annual residential program, established and funded by Engineering Aid Australia (a non-profit organisation). The IAES is hosted in Sydney by the Faculty of Engineering at the University of New South Wales (UNSW), in partnership with Engineering Aid Australia.

We welcome applications from Aboriginal and/or Torres Strait Islander students who will be in Year 10, 11, or 12 in 2025 from across Australia.



## The Program

- › The program offers a week of engaging activities designed to showcase the field of engineering. You will have the opportunity to meet engineers and explore the essential role engineering plays in the community.
- › You will stay on campus for six days, experiencing university life firsthand. This will allow you to make new friends and gain a clearer understanding of engineering, both as a field of study and a career path.

## What does it cost?

Engineering Aid Australia and UNSW cover all costs for travel, accommodation, and meals during the program.

## How do I apply?

To apply for the Indigenous Australian Engineering School in 2025, complete the online application form and submit the requested supporting documents.

Selection is based on your interest in engineering-related subjects such as mathematics and science, as well as your enthusiasm and attitude.



## Participant Feedback on IAES

- › *"At that time, I was unsure about my university future. However, IAES gave me the chance to connect with industry experts across various engineering fields. This experience provided me with valuable insights into the diverse projects and opportunities available in an engineering career. I am now excited to pursue a career as an engineer and explore the many opportunities it offers."*
- › *"The IAES really confirmed what I wanted to do and had a big impact on the decision for my future. It gave great opportunities to discover engineering, while developing lifelong experiences and friends."*
- › *"What inspired me during the program was seeing the number of women in the industry. It's wonderful that both Indigenous students and Indigenous women are encouraged to participate in these programs and pursue careers in engineering."*



## Engineering Aid Australia

- › Since its inception in 1996, Engineering Aid Australia has inspired and supported Indigenous high school students to complete their education, pursue engineering studies at university, and become engineers. Engineering Aid Australia is a philanthropic organisation that funds the IAES and associated scholarships through donations from its sponsors.
- › These scholarships assist students who have attended the Indigenous Australian Engineering School in completing high school and advancing to university studies in engineering and related fields, equipping them with skills to help Indigenous communities across Australia.



## About UNSW

**UNSW Sydney** is one of the most prestigious universities in Australia that provides world-class education to the most ambitious students from all over the globe.

Ranked 19th in the 2025 QS World University Rankings, UNSW offers high-quality education that focuses on hands-on learning. Located in the beautiful coastal city of Sydney - the financial capital of the Southern Hemisphere - UNSW will help you unpack opportunities for your future and empower you with skills that will benefit your whole life.

**UNSW Engineering** is Australia's largest engineering faculty and ranked one of the top 50 in the world. As a student, you'll gain the crucial skills and knowledge to prepare you for your career while learning from experts across a wide range of engineering subject areas. Our eight schools offer more than 25 undergraduate and 140 postgraduate engineering specialisations.

For more information about the Indigenous Australian Engineering School, please contact:

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**Engineering Aid Australia**  
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