



Highlights from the 2018 Indigenous Australian Engineering School (IAES) at Curtin University in Western Australia

The Indigenous Australian Engineering Schools program is an initiative - funded by Engineering Aid Australia (EAA) - which provides an opportunity for Indigenous and Torres Strait Islander students to discover the benefits of engineering, meet engineering role models as well as gain insights into engineering studies, careers and possibilities. For the past eight years, Curtin University has hosted an annual IAES Summer School in January, but this year for the first time, the Western Australian school took place in July, when 21 students converged on the university for a week-long program that they will never forget.



IAES Curtin Class of 2018



Houseparents Jacinta Ramirez-Smith (IAES 2014 alumnus) and Preston Culbong, wearing grey hoodies, welcome the students at the start of an amazing week of Engineering exposure.



In his talk, entitled "Introduction to Engineering" the Head of School (Mechanical and Civil Engineering) Professor Tony Lucey, gave the students an overview of Engineering examples from simple applications - such as the manufacture of clothing or some musical instruments - to more complex engineering, citing his research in wave flow modeling and observation of the skin of swimming dolphins to influence the design of aircraft, motor vehicles, ships and sleep apnea medical devices.

Cultural Time



The cultural time that the students spent with Shaun Nannup was very special for them.

Site Visits

Engineering Aid Australia would like to thank our Sponsors for welcoming our students to site visits at their offices and work places during IAES 2018 at Curtin.

Driverless bus



Students learn about the lidar sensors, radar and ultrasonics, programmed to navigate the autonomus vehicle

Hands On Activities

The students enjoyed many challenges during hands-on activities at the University during the week.



Working collaboratively to write and test code for robots was a popular activity.

Networking Function

The Networking Function provided students with an opportunity to engage with engineers from our sponsoring companies.



Mark Henaway (Aurecon) chats with Francis from Warrunulyanga NT at the Networking Function.



Shantelle (IAES 2017 and Pathways Program 2018) meets Sophie Ahern of EY at the Networking Function



Lasharn and Tahnee, networking with Site Engineer Tom Shaw of Laing O' Rourke.