

# Humanoids in Society

**Years 7 - 10**  
**25 Students**

## Program Guide

Humanoids in Society gives students a hands-on experience in using advanced technology to solve human problems.

Students will use humanoid robots to create innovative solutions for a variety of contexts, from early childhood education to healthcare using the different capabilities of the robots, from machine vision, speech recognition and movement to address the needs of their client

In this immersive hands on program, students have the ability to control JD and Nao robots using block coding or Python, with a focus on human-centered innovation.

## Timetable

9:30 - 9:45am	Welcome and Introduction
9:45 - 10:45am	Movement and Application
10:45 - 11:05am	Break
11:05 - 12:05pm	Speech Recognition and Application
12:05 - 12:20pm	Break
12:20 - 12:45pm	Image Recognition and Application
12:45 - 13:00pm	Feedback and Depart WTS

\*This schedule is a guide only.  
Subject to bus arrival time at WTS

## Industry Skills:

- Analytical thinking and innovation
- Critical thinking and analysis
- Complex problem-solving
- Creativity, originality and initiative
- Technology design and programming

## Future Careers:

- AI and Machine Learning Specialists
- Digital Transformation Specialists
- Internet of Things Specialists
- Robotics Engineers

## Please Note:

There is no food available for purchase at WTS. Students and teachers are asked to bring a snack to eat during the break. Drinking fountains are available.

Breaks will be taken outside in the WTS courtyard subject to weather conditions.

**Schools are required to book own busses. Please send invoices to [wts-bookings@vu.edu.au](mailto:wts-bookings@vu.edu.au)**