



HEDLAND SENIOR HIGH SCHOOL

78 Hamilton Road South Hedland 6722 · Telephone: (08) 9172 8000 · Fax: (08) 9172 3797

Email: Hedland.shs@education.wa.edu.au · Website: www.hedlandshs.wa.edu.au

Dear Student,

In 2018, we started a Hedland Senior High School robotics team in order to compete in a FIRST Australia competition called Dual Down Under. During the year, a group of 14 students joined together to learn the fundamentals of robotics through weekly workshops. In these workshops the students built and programmed a large robot, required to move 50cm³ cubes. The students progressed very well through the competition and were awarded the 2018 Dual Down Under Rookie All-Stars for their inspiration and commitment towards the competition.

Dual Down Under was a small competition, with competitors and in 2019 we are aiming to compete in a more competitive regional competition with potential to travel overseas for grand finals. It is now time to start creating a new team, consisting of Year 7- 9 students in order to compete in the 2019 South Pacific Regional FIRST Robotics Competition, held in March, 2019.

If you are interested in joining the robotics team for 2019 and can demonstrate commitment, determination, collaboration and an in-depth understanding of robotics, please complete the attached application form.

Course Title:	Robotics
Components:	Weekly workshops, construction of a full-size robot and participation in the 2019 First Robotics Competition (Sydney).
Duration:	Term 4 2018 – Term 3 2019
Cost:	\$2800, covering all components of the course. *Exact cost TBD*

Students will be required to participate in weekly after-school sessions (2 sessions per week), where they will design and construct the robot.

Please contact myself using the details below if you have any questions regarding the program.

Kind regards,

Cameron Pilapil
STEM Coordinator and Teacher
08 9172 8000 | Cameron.Pilapil@education.wa.edu.au



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Robotics Application Form (2019)

Application forms are due in by **Friday, Week 6.**

Successful applicants will be notified by Friday Week 7 and may require an interview for further assessment. Please be aware that attendance and behaviour will be assessed as part of the selection process.

Student's Name:	
Year Level:	D.O.B:
Please tick your interested positions relating to the robotics course (1 or more):	
Mechanical: <input type="checkbox"/>	Electrical: <input type="checkbox"/>
Coding: <input type="checkbox"/>	Media: <input type="checkbox"/>
Community Outreach: <input type="checkbox"/>	

A high academic ability is a requirement in the STEM Robotics Program. Why are high academic results important to you?

What roles or activities have you been involved in or out of school which requires you to demonstrate that you are a responsible person? (E.g. school captain, tutor, buddy for a younger student, team leader). How have these roles helped you develop as a person?

Why do you wish to be a student in the STEM Robotics Program? What characteristics or skills do you possess that will enable you to make the most of the robotics program?
Refer not only to your academic ability, but also your involvement in your school and local community and any personality traits that will enable you to be a valued member of the program.

Please list any current afterschool commitments that you have, which may prevent you from attending some after-school workshops.

Teacher Recommendations

Teacher 1

Teacher name: _____ Teacher signature: _____

Subject: _____

Comment

Teacher 1

Teacher name: _____ Teacher signature: _____

Subject: _____

Comment

Student Signature: _____

Parent Signature: _____

Please hand in completed applications to Mr Pilapil at the Science Office or scan and email to Cameron.Pilapil@education.wa.edu.au