**Cooran RoboRAVE Robotics Challenge Introduction Morning – Friday November 22 (Week 7)**

**Cost : Nil - Adults only – 30 places available**

Robocoast would like to invite you to take part in an exciting opportunity to develop teacher’s skills in robotics coding and robot construction. On Friday November 22, 2019, our award winning Sunshine Coast robotics hub will hold an introduction to RoboRAVE PD day on the Cooran State School Campus.

The event is open to all schools and colleges in SE QLD, and is part of a series of workshops to be held this year and in term 1 next year. This initial teacher PD morning is free aind is aimed at school teachers looking for a way to engage students in robotics, via a competition format. Ideally teachers would arrive with a **laptop and charger and bring no more than 3 teachers per school**. These workshops are capped at 30 adults and get booked out quickly so you need to return the form below ASAP. ([**srich252@eq.edu.au**](mailto:srich252@eq.edu.au)).

**Each school will receive a complimentary Line follow mat, tower, A-Maze-ing course and sumo board!**

|  |  |
| --- | --- |
| **Date** | Friday November 22 2019 |
| **Venue** | Cooran State School Campus |
|  |  |
| **Proposed Schedule** | 8.30 am Welcome and house keeping  8.45 am Introduction to robot challenges  9.00 am How to produce basic code to solve challenges ( EV3 Mindstorms )  9.30 am Teacher Challenge participation  10.00 am Software and hardware Q&A – Challenge finals  10.30 am Distribution of free mats, towers and boards. Thanks and farewell |
| **Staff without laptops and non EQ staff** | We have a limited number of spare EQ laptops available, first come, first served.  Please email Simon Richardson at [srich252@eq.edu.au](mailto:srich252@eq.edu.au) to book these.  **NON EQ STAFF WILL NOT BE ABLE TO ACCESS THE INTERNET** |

This initial teacher PD morning is aimed at training school teachers up to a standard that they can start a competitive school team and embed robotics into the curriculum. For teachers not using EV3 robots, they are welcome to bring their own kit to program on the day, however group instruction will be using Mindstorms software.

Details and rules of all RoboRave challenges can be found here: [www.roboraveaustralia.com](http://www.roboraveaustralia.com)

Please RSVP to Simon Richardson using the form below, on email [srich252@eq.edu.au](mailto:srich252@eq.edu.au) before **Thursday November 14**, with spare laptops and EV3 kits being allocated on a first-come-first-served basis.

Yours sincerely,



Simon Richardson

[www.robocoast.tech](file:///D:\srich252\My%20Documents\Downloads\www.robocoast.tech)

0409 230 228

[srich252@eq.edu.au](mailto:srich252@eq.edu.au)

**REGISTRATION FORM**

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**Adults only – 30 places available**

A confirmation email will be sent out after registration.

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| --- | --- |
| **School Name:** |  |
| School Contact Name: |  |
| School Contact Email: |  |
| School Contact Phone: |  |
|  |  |
| **Teacher 1** |  |
| Name: |  |
|  |  |
| Loan laptop needed? | Y/N |
| Loan EV3 robot needed? | Y/N |
|  |  |
| **Teacher 2** |  |
| Name: |  |
|  |  |
| EQ loan laptops needed? | Y/N |
| Loan EV3 robot needed? | Y/N |

Additional Comments: