

# Intermediate Robotics Workshop

## with LEGO® Education EV3



Full Day Workshop

### Target Audience: School Staff interested in Robotics

This workshop is not an intermediate workshop. You must have completed an introductory course or be an experienced user of the EV3 or NXT systems.

## Using a single digital platform (LEGO® Education EV3) to meet STEAM, coding and data logging curriculum requirements.

### In this workshop, participants will:

- Further develop their understanding of programming with the EV3 robotics system
- Create programs incorporating variables and mathematical algorithms
- Use advanced sensors such as those used in the RoboCup Jnr Australia competition
- See the EV3 programmed with a 'Scratch' like language
- See the EV3 programmed with a text based alternative language – RobotC
- Learn advanced programming techniques
- Learn EV3-G shortcuts and use of Bluetooth
- Use the EV3 as data logger
- Troubleshoot with the EV3

## About the Presenter



**James Dwyer** is a teacher with a passion for robotics, who loves to share his knowledge and excite other teachers! James has substantial experience as a facilitator of robotics workshops, from beginning to advanced. He is heavily involved in RoboCup Jnr Australia competitions and has mentored numerous teams to success at the highest levels. James has a warm and engaging presentation style and his supportive approach to learning makes him a great workshop presenter.

## Workshop Details

### When:

Wednesday 5th September 2018  
9.00am – 3.00pm

### Where:

CSO Building, 841 Hunter Street  
Newcastle West, NSW, 2302

### Workshop Fee:

\$99.00 including GST

**Maximum 3 teachers per school.**

**All participants will receive a comprehensive workshop handout and certificate of attendance.**

Morning tea & lunch will be provided.

To register for this workshop please email [workshops@teaching.com.au](mailto:workshops@teaching.com.au) or fax bookings to (02) 9938 0495

An email will be sent to confirm your booking.

<b>School:</b> _____	<b>Post Code:</b> _____	<b>Special Dietary Requirements</b>
<b>Participant Name:</b> _____	<b>Email:</b> _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Participant Name:</b> _____	<b>Email:</b> _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Participant Name:</b> _____	<b>Email:</b> _____	<input type="checkbox"/> Yes <input type="checkbox"/> No

All enquiries please email [workshops@teaching.com.au](mailto:workshops@teaching.com.au). Bookings are essential as numbers are limited. No refund for last minute cancellations. Visit us online at [teaching.com.au](http://teaching.com.au)

To see future workshops planned in your area please go to [teaching.com.au/page?page=mta-lego.jsp](http://teaching.com.au/page?page=mta-lego.jsp)

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