

UON Coding & STEM 4 Schools



An Introduction to Coding & Computational Thinking Workshop Thursday 19th July and Friday 20th July 2018

Schedule

The current planned schedule is included on the second page of this flyer. The first day (the 19th) will begin at 9am and end at 4pm. However, the focus group discussion on the Thursday afternoon (3pm – 4pm) will be optional to participate in. We will send you more information about the focus group discussion closer to the workshop dates. The second day (the 20th) will begin at 9am and end at 3pm. If you are unable to attend either of the days, please let us know as soon as you can, so we can plan catering accordingly.

Location

Most of the sessions will take place in the HC49 computer lab in the Hunter Building at the University of Newcastle's Callaghan Campus. We recommend that you use the entrance to the Hunter Building near the Griffith Duncan Theatre. We will place signs leading from this entrance to HC49 and we have also sent you a map which shows how to get to HC49 from the Griffith Duncan Theatre entrance. If you need any assistance finding the room, please contact Daniel via 0403 298 003.

What to Bring

You will not have to bring your own laptop or tablet to the workshop as we will be in a computer lab (HC49) for all of the workshop's activities. Please bring a pair of earphones on the second day of the workshop, as you will need some for the *Physical Computing* session.

Parking

Parking permits for the Callaghan Campus cost \$4.50 a day. There is a campus map [here](#) that includes all of the locations of the parking areas on the Callaghan Campus. We recommend that you park at either the P6 or P10 area both days, as these are the closest to the Hunter Building. The workshop is taking place during the mid-year recess, so there should be plenty of parks available.

Catering

Food will be provided during Morning Tea and Lunch on both days of the workshop. Tea and coffee will be provided for Morning Tea, Lunch and Afternoon Tea. There will be vegetarian and gluten-free options available.



Attending the 2-day workshop will contribute 12 hours of QTC Registered PD addressing standards 2.12, 2.6.2, 3.3.2, 3.4.2, 4.5.2, 6.2.2, 6.3.2 and 6.4.2 from the Australian Professional Standards for

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Planned Schedule

Day 1 – Thursday 19th July 2018

| Time | Session | Location |
|-------------------|--|-------------|
| 9:00am – 9:15am | Registration & Introductions | HC49 |
| 9:15am – 9:45am | Workshop Schedule & Introduction Presentation | HC49 |
| 9:45am – 10:45am | Unplugged Approaches for Teaching Coding Activity | HC49 |
| 10:45am – 11:00am | Morning Tea | HA96 |
| 11:00am – 12:30pm | Moving from Unplugged to Blocks Coding Activity | HC49 |
| 12:30pm – 1:00pm | Lunch | HA96 |
| 1:00pm – 3:00pm | Creative Computing with Scratch Activity | HC49 |
| 3:00pm – 4:00pm | Focus Group Discussion (Optional) | HC49 |

Day 2 – Friday 20th July 2018

| Time | Session | Location |
|--------------------|---|-------------|
| 9:00am – 9:15am | Registration & Introductions | HC49 |
| 9:15am – 10:45am | Moving from Blocks to Text Coding Activity | HC49 |
| 10:45am – 11:00am | Morning Tea | HA96 |
| 11:00am – 12:30 pm | Physical Computing with Microbits Activity | HC49 |
| 12:30pm – 1:00pm | Lunch | HA96 |
| 1:00pm – 1:30pm | Teaching Coding in K-12 Presentation | HA96 |
| 1:30pm – 2:30pm | Collaborative Lesson Planning Activity | HC49 |
| 2:30pm – 2:50pm | Sharing Session | HC49 |
| 2:50pm – 3:00pm | Workshop Wrap-up & Survey | HC49 |