

## Future-Ready Teacher Candidates Program

The [IRC](#), in collaboration with [Dr. Mohammed Estaiteyeh](#), is pleased to announce a series of drop-in instructional demonstrations focused on educational technologies. The "Future-Ready Teacher Candidates" program is open for all teacher candidates in Year 1/5 and Year 2/6 (PJI and IS).

### Schedule and Topics:

Topics	Month	Brief Description
Micro:bits	September 2023	<ul style="list-style-type: none"> <li>Using the engineering design process to structure inquiry-based and project-based work.</li> </ul>
Smart Boards and eGlass	October 2023	<ul style="list-style-type: none"> <li>Using smart Boards and eGlass boards.</li> </ul>
Coding with Ozobots	November 2023	<ul style="list-style-type: none"> <li>"Doodle" coding using the photo-sensors on the Ozobots, connecting to math patterning and measurement.</li> <li>Block coding Ozobots using OzoBlockly, connecting to math probability.</li> </ul>
Electronics	December 2023	<ul style="list-style-type: none"> <li>Creating simple circuit cards using button batteries, LEDs, copper tapes, and a variety of other crafting materials.</li> <li>Connecting to electricity by working with a variety of electronic circuit concepts, such as series and parallel circuits and creating switches.</li> </ul>
Robotics	January 2024	<ul style="list-style-type: none"> <li>Lego and Vex</li> </ul>
3D Modeling & Printing	February 2024	<ul style="list-style-type: none"> <li>Connecting Science Structures and Mechanism to 3D modelling and printing, where students design, print, and test a "strong structure" prototype.</li> <li>A focus on pedagogical connections.</li> </ul>
Virtual Reality & Augmented Reality	March 2024	<ul style="list-style-type: none"> <li>Using VR and AR sets to engage students in immersive learning experiences.</li> </ul>
Podcasting, Blogging, & Vlogging	April 2024	<ul style="list-style-type: none"> <li>Technical and pedagogical tips on creating and using podcasts, blogs, and vlogs.</li> </ul>

### Monthly Timetable for Students' Drop-in (Fall 2023 and Winter 2024):

Day	Week	Campus	Time
Thursday	Weeks 1 & 3 of each month	St. Catharines	From 10 am till 4 pm
Thursday	Weeks 2 & 4 of each month	Burlington	From 10 am till 4 pm

### Notes:

- Attendance certificates will be provided to attending teacher candidates. This will be an excellent addition to your CV!

- Workshops will be held every Thursday and will alternate between both campuses.
- You can drop in at any time between 10 am and 4 pm. Location: IRC
- The workshops will be facilitated by Dave Potts, IRC Instructional Design Technologist.
- Small groups of TCs can request repeating specific sessions if they cannot attend on Thursdays due to scheduling conflicts or practicum teaching. To arrange this, please send an e-mail to Dave Potts: [dpotts@brocku.ca](mailto:dpotts@brocku.ca)

We are looking forward to your participation, and we hope that you find these workshops beneficial.

If you have any suggestions related to the program, please contact Dr. Mohammed Estaiteyeh: [mestaiteyeh@brocku.ca](mailto:mestaiteyeh@brocku.ca)