

Welcome to the Future City Experience Showcase!

Engineering Outreach within the Faculty of Engineering and Applied Science at Ontario Tech University is proud to host the virtual Future City Experience 2021 in partnership with Engineers Canada and Engineers of Tomorrow. This document contains all the information you will need on Wednesday, May 5th to participate! Please read through this document carefully and keep it on hand the day of the Experience! There is also a website to reference throughout the day that has quick links to the live streams and contains additional information: [2021 Future City Experience Showcase](#)

Be sure to share your experience with us on social media! Tag the following accounts in your posts and use the hashtag #FutureCity2021 and #FCECanada.

Engineering Outreach

Twitter: [@ot_outreach](#)

Facebook: [@otoutreach](#)

Instagram: [@ot_outreach](#)

Engineers Canada

Twitter: [@EngineersCanada](#)

Facebook: [@EngineersCanada](#)

Engineers of Tomorrow

Twitter: [@engoftom](#)

Facebook: [@engoftom](#)

Instagram: [@engineersoftomorrow](#)

Here is your schedule for the day:

Time	Event	Link
12:00 PM - 12:30 PM EST	Opening Ceremonies	https://youtu.be/dHQfPJb9bJk
12:30 PM - 1:10 PM EST	3D Design Workshop	https://stream.meet.google.com/stream/538d286f-91b6-4805-90eb-9314167879b4
1:15 PM - 1:55 PM EST	Presentation Time!	
2:00 PM - 2:40 PM EST	Space Trivia	https://youtu.be/dHQfPJb9bJk
2:40 PM - 3:00 PM EST	Closing Ceremonies	https://youtu.be/dHQfPJb9bJk

Please note that all of these times are in Eastern Standard Time which is the time zone for most of Ontario, Quebec and Nunavut. Make sure to convert the times to your timezone.

Here is a breakdown of the events:

Opening Ceremonies

12:00 PM - 12:30 PM EST

Join us for our Opening Ceremonies to welcome you to the Future City Experience Showcase. You will hear from the Dean of the Faculty of Engineering and Applied Science at Ontario Tech University as well as representatives for Engineers Canada and Engineers of Tomorrow. We will also be going over the logistics for the day!

3D Design Workshop

12:30 PM - 1:10 PM EST

During this session, students will explore the world of 3D design to engineer their own spaceship using TinkerCAD! Students will learn from an engineer how to use the software and create a prototype. Students will also be able to select components of the instructors design such as colour, size and shape using Vevox (<https://www.vevox.com/>) which will be 3D printed using an Ontario Tech University Engineering Lab!

Before the session begins, all students are required to create account on TinkerCAD:

<https://www.tinkercad.com/join>

Presentation Time!

1:15 PM - 1:55 PM EST

This is the time to show off your amazing Future City you have been working so hard on! Join your Google Meet link in the schedule above to present your design to the Engineering Mentors. After your presentation there will be some time for the mentors to ask questions about your designs and after the mentors deliberate, they will give you a stamp to let you know whether you're Ready to Launch or need to go Test & Redesign.

Some important things to remember:

- A teacher or student will need to present their screen to show their powerpoint or pre-recorded video. Check out this site to learn more about presenting your screen: [Present during a video call](#)
- If a Room Host is not admitting you into the room double check to make sure you have the right time! If you are still having trouble, trying closing the tab and reopening it. If you are still experiencing issues reach out to Mike.Prasad@ontariotechu.ca.

Space Trivia

2:00 PM - 2:40 PM EST

Join us for an exciting round of Trivia testing your knowledge on space! We will be using Kahoot (<https://kahoot.it/>) to collect and keep track of points. You will be given the game pin to join Kahoot during the session but be sure to use their first and last name when joining the session as the top three students will get a special prize! Winners will be announced at the end of the session and contacted through their teachers.

Closing Ceremonies

2:40 PM - 3:00 PM

Join us for the closing ceremony to celebrate all the amazing work you have done leading up to the Future City Experience Showcase and to hear from Dr. Marc Rosen, a Mechanical Engineering Faculty member from Ontario Tech University to talk about next steps and how to continue to learn and improve after the big day!

Contact Information

If you have any questions throughout the day about the logistics, reach out to Vanessa Ironside, Engineering Outreach Coordinator via email: Vanessa.Ironside@ontariotechu.ca.

If you are struggling to join your presentation room, please contact Mike Prasad, Technical Support Analysis via email: Mike.Prasad@ontariotechu.ca.