



## Media advisory

### **RYERSON STUDENT EXAM USES ROBOTS TO HELP DISARM BOMBS**

***Students will navigate robots through a simulated disaster site to help solve a real-world dilemma, April 18***

TORONTO, April 17, 2017 --- On Tuesday, April 18 Ryerson computer science students will participate in an end-of-year exam using robots to safely disarm mock bombs. As part of their exam, students will operate robots they've designed through a simulated disaster area, to scan the interior, and map the while disarming bombs. The final exam, designed to test their coding, design and ingenuity skills, will also seek to solve a dilemma faced by police and disaster relief experts with regards to using robots to safely neutralize improvised explosive devices.

As part of the exam, (please fill in #) student groups will have 15 minutes each to remote-navigate a large (three or four-foot) robot up stairs or into an elevator while carrying a smaller robot (about 10 inches tall). Once they've reached the simulated disaster area, the student team—wearing protective suits—then has 15 minutes to remote navigate the smaller robot through an obstacle course to locate a prize object, while avoiding and/or neutralizing bombs. The entire process can be filmed by cameras, and a first-person feed on the robots will also be possible.

**WHAT:** Human Robot Interaction course final exam for undergraduate students

**WHEN:** Tuesday, April 18  
Media demo 2 to 3 p.m.  
Exam 3 to 6 p.m.

**WHERE:** The Student Learning Centre, Level 2,  
Media to meet in the Amphitheatre on Level 1  
341 Yonge St, Toronto  
Campus map: [ryerson.ca/maps](http://ryerson.ca/maps)

**RSVP TO:**  
Lauren Clegg  
Public Affairs | Ryerson University  
416-979-5000 x 7161 | [lauren.clegg@ryerson.ca](mailto:lauren.clegg@ryerson.ca) | Follow us @RyersonU