



UMASS LOWELL WINTER BRIDGE PROGRAM

Robots and Apps: Computer Science and the Arts

January 6-9 & 12, 2015 (10:00 AM to 3:30 PM)

UMass Lowell Department of Computer Science

Olsen Hall, Room 302

Workshop Coordinator: Artbotics: Holly Yanco (holly@cs.uml.edu)

App Inventor: Fred Martin (fredm@cs.uml.edu)



The Department of Computer Science at UMass Lowell is holding a one-week workshop that will provide hands-on training in the development of robots and mobile apps, exploring the intersection of Computer Science and the Arts. Students will create interactive art using LEGO Mindstorms EV3; learn about current research at UMass Lowell by visiting labs for hands-on demonstrations; tour the New England Robotics Validation and Experimentation (NERVE) Center; and use MIT App Inventor to design mobile apps for Android phones.

Workshop Schedule:

- Tuesday, 1/6: Artbotics (Holly Yanco and Adam Norton)
- Wednesday, 1/7: Artbotics (Holly Yanco and Adam Norton)
- Thursday, 1/8: Morning: Robotics Lab and NERVE Center Tours
- Thursday, 1/8: Afternoon: Making Mobile Apps (Fred Martin and Mark Sherman)
- Friday, 1/9: Making Mobile Apps (Fred Martin and Mark Sherman)
- Monday, 1/12: Making Mobile Apps (Fred Martin and Mark Sherman)

In case of a snow day, the make-up day will be Tuesday, January 13th

LUNCH IS INCLUDED EACH DAY!

Space is limited to 8 participants and on a first come first serve basis for MCC. To ensure your spot your registration must be received by December 12th, 2014. To register go to <https://www.middlesex.mass.edu/pathwayscenter/> and click on the UML Workshops button on the left.

For more information, email FRATERA@middlesex.mass.edu