

NXT Teacher Training

On Site Classes - Summer 2012

Learn how to use LEGO & TETRIX Robots and ROBOTC or NXT-G programming to teach Science, Technology, Engineering & Math (STEM) concepts in your classroom



- 5 days of hands-on training
- Use of LEGO/TETRIX robot and sensors
- Use of Robotics Engineering Vol. I and II content, and ROBOTC Curriculum for TETRIX & LEGO
- ACT 48 Credits / 36 hours per class (PA teachers only)
- Certificate of Completion to apply for Continuing Education hours
- Detailed mapping of the robotics curriculum with national standards
- Tour of the CMU National Robotics Engineering Center
- Pittsburgh area attractions and entertainment

Curriculum was developed at CMU Robotics Academy and University of Pittsburgh's Learning Research Development Center

For more information, call 412.681.8673
visit www.education.rec.ri.cmu.edu
or email Robin Shoop: rshoop@cmu.edu



TUITION

\$790 course registration fee includes on site training and use of Robotic Academy's computers, robot kits, curriculum and programming software during the week. You do not need to purchase any hardware or software for this course.

LOCATION

National Robotics Engineering Center (NREC), part of the Carnegie Mellon University Robotics Institute, a world-renowned robotics research and commercialization center.

DATES / SCHEDULE

Choose from these sessions:

NXT-G Programming (Mindstorms)

June 25th - 29th, 2011

July 23rd - 27th, 2011

August 13th - 17th, 2011

ROBOTC for LEGO/TETRIX

July 9th - 13th, 2011

July 30th - August 3rd, 2011

All classes are Monday - Thursday 9:00am - 4:00pm EST. Friday class ends at noon. Lunch is provided Monday through Thursday. Other meals, transportation & lodging not included.

LOCATION

Several local hotels offer shuttle service to NREC. See website for more details.

Carnegie Mellon
Robotics Academy
www.education.rec.ri.cmu.edu / 412.681.8673
Ten 40th Street / Pittsburgh, PA 15201



VEX Teacher Training

On Site Classes - Summer 2012

Learn how to use VEX Robots and ROBOTC programming to teach Science, Technology, Engineering & Math (STEM) concepts in your high school classroom



- 5 days of hands-on training
- Use of VEX PIC and CORTEX robot and sensors
- Use of VEX Training materials, ROBOTC, and CORTEX Video Trainer for ROBOTC
- ACT 48 Credits / 36 hours per class (PA teachers only)
- Certificate of Completion to apply for Continuing Education hours
- Mapping of the robotics curriculum with national standards
- Tour of the CMU National Robotics Engineering Center
- Pittsburgh area attractions and entertainment

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TUITION

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LOCATION

National Robotics Engineering Center (NREC), part of the Carnegie Mellon University Robotics Institute, a world-renowned robotics research and commercialization center.

DATES / SCHEDULE

Choose from these sessions:

ROBOTC for PIC and CORTEX

July 16th - 20th, 2011

August 6th - 10th, 2011

All classes are Monday - Thursday 9:00am - 4:00pm EST. Friday class ends at noon. Lunch is provided Monday through Thursday. Other meals, transportation & lodging not included.

LOCATION

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