



Earn a graduate college credit creating and choreographing interactive, moving characters using craft materials and basic robotics parts

## Robotics for the Classroom

### Summer 2011- Graduate Course at Carnegie Mellon University

*Take a class this summer at CMU and earn three graduate units (equivalent to one graduate college credit)*

#### Application Deadline

Admission deadline May 5th, 2011.

Early application is encouraged.

Class size is limited to 10.

#### Requirements:

Active Middle School or High School Teacher

Application Form

Letter of Recommendation

Resume or CV

Copy of Transcript for Last Degree Earned

**Tuition:** Out-of-pocket \$500

Scholarship to each accepted student \$1000

**Course Schedule:** 9am-3pm

**Faculty:** Prof. Illah Nourbakhsh

**Material Needed:** Laptop Computer

Lunch will be provided to all participants.

**To see curriculum ideas and what other teachers have done check our blog:**

[www.robotdiaries.posterous.com](http://www.robotdiaries.posterous.com)

**July 11 - July 16, 2011**

This hands-on introduction to educational robotics provides you with the opportunity to integrate robotics technology and the arts with your area of certification.

Using light, sound, and movement, students can construct a robot to narrate a story, express an emotion or illustrate an idea/concept. Ultimately, the designing of a robot provides a unique means of exploring, expressing, and sharing ideas and thoughts while promoting technological literacy and integration across disciplines.

In this course you will learn how to utilize these tools to enhance learning in your own classroom.

Participants will design lesson plans with peers to be combined into a classroom unit.

**Experience in arts and robotics technology are not prerequisites for this course.**

**Teachers from all curriculum areas are encouraged to apply.**

**For application and full course description please see:**

[www.educationalrobotics.posterous.com](http://www.educationalrobotics.posterous.com)

**Carnegie Mellon University**

