

Engineering Clinic for Teachers Nomination Form

Principal's Nomination

I wish to nominate the educator listed below to be a participant in Rowan University's Engineering Clinic for Teachers for the 2009 – 2010 school year. This participation will include a residential seminar from July 12 – 16, 2009 on Rowan's Glassboro campus, a one-day workshop in Fall 2009, and a one-day workshop in Spring 2010. I will support this professional development effort and to the extent that my budget allows, supply any extra materials to encourage engineering as a career.

Educator's Acceptance

I accept my principal's nomination and will participate in the July 12th – 16th residential seminar and the two follow-up workshops in Fall 2009 and Spring 2010. I also understand that meals are provided, overnight rooms are available and will accept the \$650 honorarium to defray my travel costs for all three activities.

PRINCIPAL'S NAME (PLEASE PRINT)

PRINCIPAL'S SIGNATURE

DATE

EDUCATOR'S NAME (PLEASE PRINT)

EDUCATOR'S SIGNATURE

DATE



A Partnership Between the Rowan University Colleges of

- Engineering
- Education and
- Professional & Continuing Education

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*Engineering Clinic for Teachers
sponsored by the
Edison Venture Fund*



www.edisonventure.com



Engineering Clinic for Teachers

Sunday, July 12, 2009
Through Thursday, July 16, 2009

Registration/nomination deadline:
April 24, 2009



College of Professional &
Continuing Education



Overview

Science, mathematics, and engineering are essential partners in paving the way for America's future through discovery, learning, and innovation. Enhanced engineering education in our K-12 classrooms can provide students at an earlier age with a more specific understanding of what a technical career entails.

We must encourage teachers to assume a more active role in the implementation/delivery of engineering educational experiences as well as in the innovation and continuous improvement necessary for engineering education.

The Rowan University Engineering Clinic for Teachers (ECT) was designed with this goal in mind. ECT is a week-long seminar offered through a collaboration between the Colleges of Engineering and Education that utilizes real world problem solving via innovative measures.

Objectives

- Demonstrate to middle school teachers how to implement and deliver engineering educational experiences.
- Ensure that teachers are academically prepared to successfully integrate engineering content into their existing curriculum.
- Provide participants with an understanding of what a technical career entails that can be conveyed to their students.

Features

- Participants will work with faculty from Rowan's renowned College of Engineering on experiments that can be duplicated with their students
- Free on-campus housing available
- Planned recreational activities
- Meals provided as well as access to Rowan University's Recreation Center
- Materials and transportation provided
- A certificate for 28 professional development hours will be awarded upon completion of the ECT
- A \$650 stipend is available for those who participate in each summer session and the two follow-up workshops

Agenda

Sunday, July 12	Orientation Dinner Check-in for those residing on-campus
Monday, July 13	Opening Ceremony Session: "Bridges" Session: "Chemical Processing"
Tuesday, July 14	Session: "Robots" Session: "Energy"
Wednesday, July 15	Field trip to Atlantic County Utilities Authority's Wind Farm and Wastewater Treatment Facility.
Thursday, July 16	Program recap Presentations and demonstrations Closing ceremony and certificate distribution

Engineering Clinic for Teachers Registration Form

Clinic recommended for middle school math, science and technology teachers. Guidance counselors, social sciences, and language arts teachers are also encouraged to apply.

Please return completed registration and nomination (reverse side) form no later than Wednesday, April 24, 2009.

A confirmation letter and detailed program information, including housing arrangements, will be forwarded on May 8, 2009.

NAME

ADDRESS

CITY

STATE

ZIP CODE

HOME PHONE

CELL PHONE

E-MAIL

SCHOOL

DISTRICT

GRADE

SUBJECT AREA

- I am interested in the optional residential component.

Use any of these convenient methods to return your completed registration /nomination form.

Fax: 856-256-5607

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