

Summer Workshops at the Henry M. Rowan College of Engineering

Attracting Women into Engineering (AWE)

Attracting Women into Engineering (AWE) is designed to introduce middle school girls entering the 7th and 8th grades to the field of engineering. Participants in the highly competitive workshops will interact with faculty members and undergraduate students via hands-on experiments in the various fields of engineering. The goal of AWE is to provide middle school girls with opportunities to explore multiple engineering disciplines while reinforcing the need for them to stay focused on their science and math studies.

The Henry M. Rowan College of Engineering invites middle school girls to Attracting Women into Engineering (AWE), a program designed to expose females to the broad field of engineering. Current middle school girls, those entering the 7th, 8th and 9th grades in Fall 2017, may participate in any available one-day session during which they may work with and learn from College of Engineering faculty and students. The workshops will focus on hands-on engineering laboratory projects and will include experiments and professionalism.

This is the 18th year that the Henry M. Rowan College of Engineering will offer the AWE workshops. AWE has continued to cultivate young girls' interest in engineering through a hands-on approach to engineering, exposure to the diverse paths an engineer can take and the impact engineers will have in shaping the future.

The cost of the one-day, non-residential AWE program is \$50, which includes a pizza lunch. The deadline to apply for AWE is May 11, 2017.

There will be three sessions available in 2017.

Session 1: Tuesday, July 25, 2017

Session 2: Wednesday, July 26, 2017

Session 3: Thursday, July 27, 2017

The only way to secure a seat in the AWE program is to submit payment after registration. If registration is complete but payment is not, your seat will NOT be reserved.

Questions?

Contact:

Kathy Urbano

urbano@rowan.edu

856-256-5309

Please note:

1. Application and payment must be submitted by May 11, 2017.
2. Female students currently in 6th, 7th or 8th grade (entering 7th, 8th and 9th grade in Fall 2017) are eligible.
3. Seats are limited to 25 per session.
4. Transportation is not provided.
5. Overnight accommodations are not provided.
6. A pizza lunch will be served or the student is welcome to bring a brown-bag lunch
7. A \$50 non-refundable workshop fee is required at time of registration
8. Safety requires that all students wear closed-toe shoes and long pants to your AWE session

<http://www.rowan.edu/colleges/engineering/k-12/>

Boys' Engineering, Science and Technology (BEST) Workshop

BEST is designed to expose boys to the broad field of engineering. The Henry M. Rowan College of Engineering invites current middle school boys, those entering the 7th and 8th grades in Fall 2017, to learn about the exciting field of engineering from Henry M. Rowan College of Engineering faculty, staff and students. The workshop focuses on hands-on engineering laboratory experiments and professionalism. BEST will cultivate young boys' interest in engineering through an applied approach to engineering, exposure to the diverse paths an engineer can take and the impact an engineer can have in shaping the future.

The cost of the one-day, non-residential BEST program is \$50, which includes a pizza lunch. The deadline to apply for BEST is May 11, 2017.

There will be three sessions available in 2017.

Session 1: Tuesday, July 18, 2017
Session 2: Wednesday, July 19, 2017
Session 3: Thursday, July 20, 2017

The only way to secure a seat in the BEST program is to submit payment after registration. If registration is complete but payment is not, your seat will NOT be reserved.

For registration questions contact:
Kathy Urbano
urbano@rowan.edu
856-256-5309

Please note:

1. Registration and payment must be submitted by May 11, 2017.
2. Boys currently in 6th or 7th grade (entering 7th and 8th grade in Fall 2017) are eligible.
3. Seats are limited to 25 per session.
4. Transportation is not provided.
5. Overnight accommodations are not provided.
6. A pizza lunch will be served or the student is welcome to bring a brown-bag lunch
7. A \$50 non-refundable workshop fee is required at time of registration
8. Safety requires that all students wear closed-toe shoes and long pants to your BEST session

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Rowan's Introduction for Students to Engineering (RISE)

Rowan's Introduction for Students to Engineering (RISE) is a summer workshop that features laboratory clinics, where students can participate in engineering activities, as well as campus tours and a chance to meet College of Engineering professors and students. High School students work with chocolate, Legos, Jenga blocks and bottle rockets during several hands-on engineering workshops and clinics.

Rowan's Introduction for Students to Engineering (RISE) July 11, 12 & 13, 2017

Rowan's Introduction for Students to Engineering (RISE) is a three-day, non-residential workshop experience that features laboratory clinics, exciting engineering activities, campus & industry tours, and mentoring by Henry M. Rowan College of Engineering professors and students. Students from high schools throughout the region may work with chocolate, polymers, arduinos, asphalt, wind turbines, bottle rockets, air cannons or music engineering during the hands-on engineering RISE workshop. In addition, a tour of the South Jersey Technical Park, including a virtual reality CAVE demo, is typically included in the RISE workshop.

This is the 11th year that the Henry M. Rowan College of Engineering will offer the RISE workshop. RISE has continued to cultivate interested high schoolers' enthusiasm for engineering through an applied approach to engineering, exposure to the diverse paths an engineer can take and the impact engineers will have in shaping the future.

The cost of this three-day, non-residential program is \$300, which includes lunch. The deadline to apply to RISE is May 1, 2017.

To apply:

1. Visit the student application page (below "Apply here" link) to complete all requested information by May 1, 2017
2. Accepted candidates will be notified mid-May 2017 and will receive additional consent forms to be completed and payment instructions, both due by June 1, 2017
3. Payment from accepted candidates is required by June 1, 2017, or your RISE seat will be forfeited to a wait-listed applicant
4. Declined and wait-listed applicants will be notified mid-May 2017

<http://www.rowan.edu/colleges/engineering/k-12/rise/index.html>

For more information, contact

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