

What is SECME?

SECME was founded in 1975 as the Southeast Consortium for Minorities in Engineering. Its goal is to increase the pool of under-represented students who will be prepared to enter and complete post-secondary studies in science, technology, engineering and mathematics (STEM), thus creating a more diverse and globally competitive work force.

- A business round-table report, Tapping America's Potential, The Education for Innovation Initiative, states that if the current trend continues, more than 90 percent of all scientists and engineers in the world will be living in Asia. South Korea, with only one-sixth of our population, graduates as many engineers as the United States.

The mission of the SECME program in Rich Township High School District 227 is to expose students to the various fields of engineering so they can see how exciting and rewarding this career can be. The program is open to any interested student.

U.S. industry needs more than one million engineers and technical workers.
You can help.

Have you ever wondered who created *Batman: The Ride* at Six Flags Great America? Or, who designed the airplane or car that transports you from place to place? Have you ever thought about who came up with instant messaging?

The answer: ENGINEERS. From cell phones to facial-recognition devices that can pick out a terrorist in a crowded football stadium, engineers create almost all of today's hottest and most useful technologies. They do everything from building bridges to helping your favorite recording star hit that perfect note.

Engineers find amazing solutions to medical problems—such as creating an artificial leg that feels like the real thing. They are among the first on the scene following a disaster—such as when the levee system failed after Hurricane Katrina hit New Orleans.

Engineers are on the front lines in the fight against terrorism, and they have developed the most incredible technology, like the Mars Rover, the Internet, the cell phone, and the iPod.

Engineering...go for it!



Pictured above are Rich East junior Jarrell Stutts and Rich East senior Brian Tatum, winners of the recent SECME Mousetrap Competition.



Pictured at left are Rich Central graduate Kiara Turner ('08); junior Brittany Davis; and graduate Kristine Henderson ('08). They, along with dozens of other students from all three Rich High Schools, participated in a SECME field trip to the Argonne National Laboratory in DuPage County.

Think Engineering...Think SECME...Think Success!