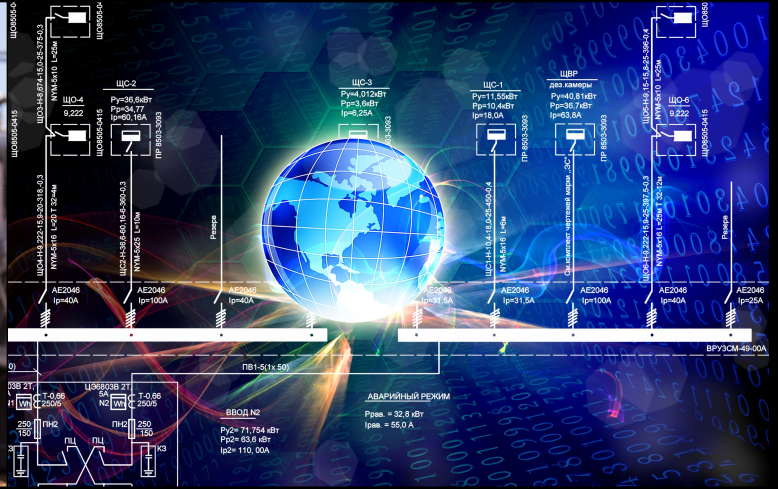


College Head Start Program

Burlington County Institute of Technology
partners with
Rowan College at Burlington County

**Earn
college
credit at
BCIT!**



**Enroll in our Electronic and Computer Engineering Technology Academy
and earn an Associate Degree 1 year after High School Graduation!**



The Engineering Academy prepares you for the following Engineering jobs:

Aerospace Engineering
Computer Engineering
Electrical Engineering
Electronics Engineering
Industrial Engineering
Manufacturing Engineering
Mechanical Engineering



Microelectronic Engineering
Network Engineering
Process Engineering
Project Engineering
Safety Engineering
Software Engineering
Systems Engineering



www.bcit.cc

www.rcbc.edu



Rowan College
at
BURLINGTON COUNTY

Electronic & Computer Engineering Technology Academy

Why wait? Earn college credit at BCIT!

- Get closer to a college degree and technology-rich career without incurring high student debt.
- Obtain an Associate Degree one year upon graduation from BCIT.
- Transition smoother from high school to college.
- Improve your chances of earning better grades in college.

Program Overview

BCIT students enrolled in the Electronic and Computer Engineering Technology Academy (ECET) at the BCIT Medford campus now have a unique opportunity to enroll in Rowan College at Burlington County's (RCBC) College Head Start in High Schools program.

While completing requirements for their high school diploma, students will earn more than 30 college credits that will enable them to earn RCBC's Associate of Applied Science in Electronics Engineering Technology (EET) just one year after high school graduation.

RCBC is one of about 100 community college programs in the nation accredited by the Accreditation Board for Engineering and Technology and offers graduates guaranteed admission to Rowan University.

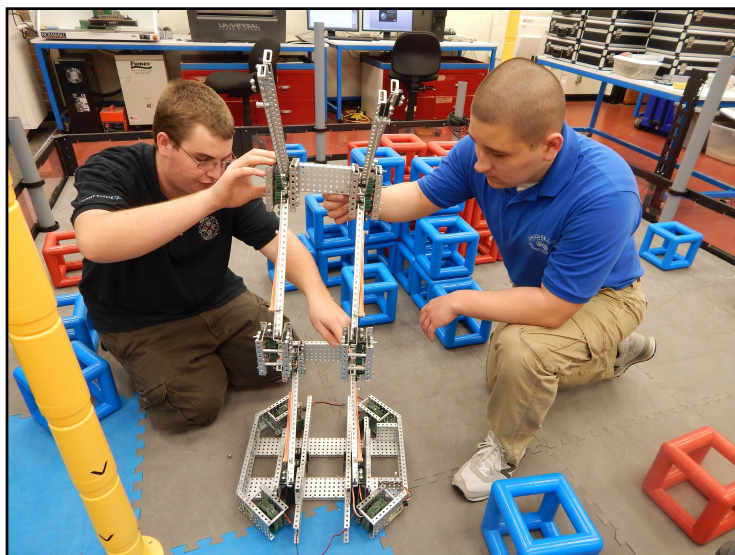
Students will take high school and college courses throughout their four years at BCIT and may begin to take courses on RCBC's Mount Laurel campus by their junior year – providing they pass the Accuplacer placement exam. Instruction will be delivered by college professors or BCIT staff who will serve as RCBC adjunct faculty to ensure that students receive the same high-quality instruction as traditional college students.

BCIT students enrolled in this program will receive access to many support services including personalized academic and transfer advising, tutoring, and library services.

Program Objectives

The objectives of this program are to:

- Provide an accelerated pathway to a college degree that qualifies students for a rewarding career in technology.
- Improve high school students' ability to have a successful transition to college.
- Reduce the time needed to earn a college degree, at an affordable tuition rate that will reduce student debt.



Professional Partners

Batteries Plus
Exxon/Mobile
Inductotherm
Lockheed Martin Aerospace Company
NWL
Okidata
Palmyra Cove Nature Park Geosciences
Power Systems
Radwell, Inc.

*"Logic will get you from A to Z;
Imagination will get you everywhere".*

-Albert Einstein

Electronic & Computer Engineering Technology Academy

Academic Programming

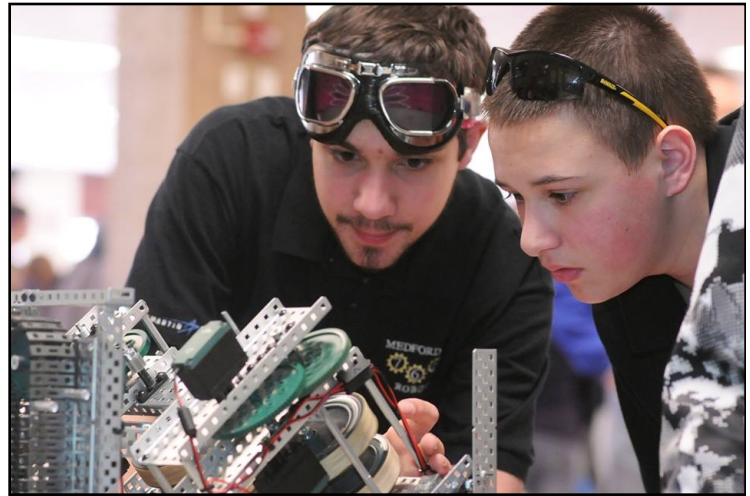
The ECET Academy is a program focused on technical excellence, communication skills, and a well-rounded education. Mathematics, science and computer science courses are all linked to engineering applications and problem solving practices. Strong mathematics skills are fundamental to the College Head Start Electronic and Computer Engineering Technology Academy program.

The College Head Start in High Schools program for ECET is centered on college preparatory, honors, AP level, and collegiate courses that integrate applied academics. At the core of the program are science and engineering laboratory courses, all of which accentuate hands-on, team-oriented approaches to this multi-disciplinary field. The laboratories are equipped with state-of-the-art technology and equipment that meet the latest industry standards.

The ECET Academy graduation requirements exceed those mandated by the New Jersey Department of Education. Guest engineers and partnerships with the engineering community are a staple of the program. Applicants are selected from a diverse population of students from the 40 sending districts in Burlington County.

College Credit in Other Academic Clusters

The College Head Start in High Schools program for ECET is unique in its path from high school to community college to university. RCBC is working to establish similar paths in other disciplines in the future. In the meantime, there are other opportunities for students to earn college credit in high school in other disciplines. Please visit rcbc.edu/ch2 to learn more.



Important Engineering Resource Links

RCBC Electronic Engineering Technology
<http://www.rcbc.edu/eet>

The highest paying majors today and what they have in common
<https://goo.gl/o6zlYa>

Engineering Your Future
<http://www.futuresinengineering.com/what.php>

MIT – What is Engineering Video
<http://video.mit.edu/watch/what-is-engineering-3785/>

Tomorrow's Engineers
<http://www.tomorrowsengineers.org.uk/home/>

Engineer Girl
<http://www.engineergirl.org/>

Try Engineering
<http://tryengineering.org/>

“Genius is one percent inspiration and ninety-nine percent perspiration”.

-Thomas A. Edison