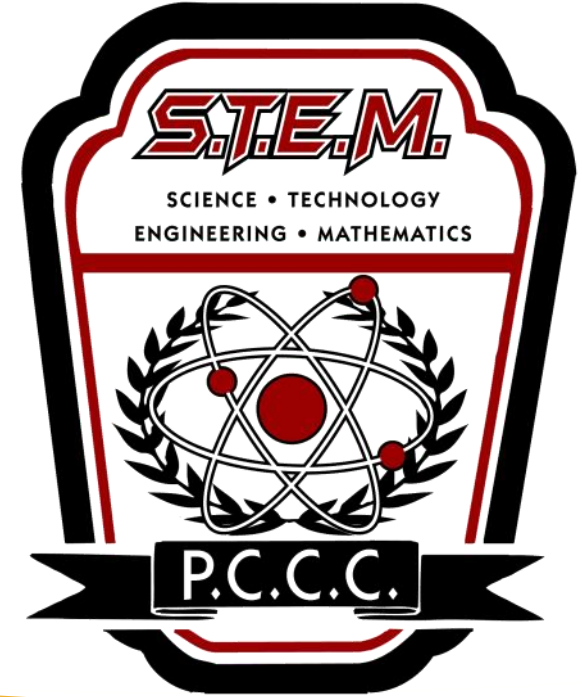


OTHER S.T.E.M. SERVICES

- ◆ Professional Development Opportunities
 - ◆ After School and Summer Projects
 - ◆ Research and Mentoring
 - ◆ Field Trips



Passaic County



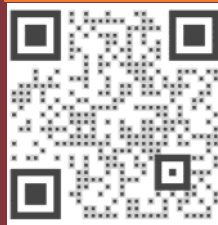
WE EXPOSE AND PROVIDE SUPPORT TO STUDENTS IN THE FOLLOWING AREAS:

- PHYSICS
- ECOLOGY
- ENGINEERING
- MATHEMATICS
- GREEN ENERGY
- BIOCHEMISTRY
- FORENSIC SCIENCE
- ENVIRONMENTAL SCIENCE
- COMPUTER SCIENCE
- INFORMATION TECHNOLOGY



WWW.PCCC.EDU/STEMINNOVATION

PASSAIC COUNTY COMMUNITY COLLEGE
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“Education is the most powerful weapon...
Which you can use to change the world”

Nelson Mandela

Supported by The U.S. Department of Education CCRAA

SCIENCE - TECHNOLOGY - ENGINEERING - MATH

ONE OF THE MANY DEGREE OPTIONS IN S.T.E.M. MIGHT BE RIGHT FOR YOU!

WHAT IS STEM INNOVATION?

STEM Innovation is a project at Passaic County Community College to provide students with academic support necessary to succeed in STEM disciplines.

The program is funded by a grant from the U.S. Department of Education. The project and its activities are designed to help students explore and ultimately choose careers in STEM fields.



The STEM Learning Center is located at the Paterson campus in Passaic County Community College. Constructed in the spring of 2009, the 1200 square-foot facility is equipped with 24 laptops with the latest applications, an interactive smart board and two projectors to facilitate student learning experience and interactive instruction. In addition, tutors in the areas of Chemistry, Physics, Engineering, Computer Science, Biology, and Math are regularly available in the center. Other activities include field trips, STEM after school workshops for high school students, and professional development workshops for college, and K-12 faculty members.

IMPORTANCE OF STEM EDUCATION

Students with a solid foundation in STEM areas are better prepared to work and live in the 21st Century. The skill set needed by employers has radically changed in the past decade. Today's workforce demands workers equipped with critical thinking and problem solving skills. Careers in STEM equips students to work in fields such as space exploration, disease control, criminal forensics, biotechnology communications among many other fields..

OUR SERVICES

STEM Dual Enrollment

STEM Dual Enrollment provides high school students with an opportunity to obtain college credits while completing their required course load for high school. Students take college-level courses either at their high school or at Passaic County Community College (PCCC).



STEM Tutoring

We offer free professional tutoring for PCCC and Dual-Enrolled high school students in STEM areas at convenient times.



STEM Counseling & Advising

We provide initiatives to support student success and encourage them to pursue STEM careers. By partnering with local high schools, we enhance STEM education and provide a unique learning experience to students.



COME JOIN US AND DISCOVER THE UNLIMITED POSSIBILITIES IN STEM.
WE ARE HERE TO HELP YOU SUCCEED IN YOUR STEM CAREER!



STEM projects are real-life and multi-faceted. From robotics building to new habitat-seeking hikes, from studying forensics to understanding earthquake-proof buildings, the scope is far-ranging.