STEM Education Outreach

Mathematics, Computer, and Science Instructional Improvement Programs
McSiip provides a variety of high-quality professional development activities in all three content areas for more than 5000 elementary, middle, and high school teachers of math and science. These range from one-day workshops in schools to multi-year projects.

Website Link Here

Contact: Jennifer Murphy murphyje@rowan.edu

Project Lead the Way
PLTW provides schools with an elementary and middle school engineering curriculum and high school engineering, computer science, and biomedical curriculum. Rowan is responsible for teacher professional development; school certification; clearinghouse of information for interested districts; and provides some competitions for high school students.

Website Link Here

Contact: Dr. Douglas Cleary cleary@rowan.edu

Rowan Computer Science for High School Massively Open Online Course
An Educational Robots program for Absolute Beginners, a Massively Open Online Course that introduces participants to LEGO NXT Robotics Programming. The course was designed specifically for K-12 teachers but is free and open to anyone who is interested. Participants design and construct a robot themselves and complete a set of five “robot programming projects.”

Website Link Here

Contact: Dr. Jennifer Kay kay@rowan.edu

RU Academy of Mobile Programming
RAMP seeks to increase diversity and entice more underrepresented students to enroll in computer science and facilitate their success at Rowan University. This program introduces K-12 teachers and Rowan faculty to computer science “big ideas” and multicultural education through professional development workshops.

Website Link Here

Contact: Dr. John Robinson robinsonj@rowan.edu

For more information, please visit
www.rowan.edu/provost/policies/OfficeofSTEMOutreach.html