STEM Opportunities at BRCC
Founded 1967
Current Enrollment: ~ 5,000
Dual Enrollment: 700/semester
Concurrent Enrollment: 80/semester
Graduates 2015-2016: 910
Tuition per credit hour
$171.05 (in-state, Summer 2017)
Enrolling While In High School – Dual Enrollment

- Opportunity for high school students to earn college credits for courses taken through a college while still being enrolled in high school.

- The courses are offered in the high school by high school teachers. BRCC credentials teacher to offer the course.

- Courses count toward high school diploma.

- Syllabus and textbook match match/align with on-campus courses.
Benefits of Dual Enrollment

• Studies show that students who acquire college credits while still in high school are more likely to graduate from high school and continue their formal education.

In addition, DE:
• allows students to receive high school and college credit simultaneously,
• eliminates duplication of courses taken in high school and college,
• permits students to accumulate credits prior to entering college so they may be able to graduate from college early
• provides high school students with a wider range of course options and gives them an opportunity to complete general education courses required at most colleges,
• promotes exploration of different occupational fields before declaring a major, and
• facilitates a seamless transition from high school to college.
• get a taste of what college is like without being overwhelmed by a totally new learning experience.
STEM Dual Enrollment Courses Offer:

- Principles of Biology I & II
- Pre-calculus I & II
- Calculus with Analytic Geometry I & II
- Technical Drawing
- Parametric Solid Modeling I & II
- Architectural Drafting I & II
- Elements of Physics
- College Physics I & II
- Information Literacy
- Introduction to Veterinary Assisting
- Care and Maintenance of Small Domestic Animals I
- D.C. & A.C. Fundamentals I & II
- Multimedia Software
- Basic Fluid Mechanics Hydraulics/Pneumatics
Enrolling While In High School – Concurrent Enrollment

Concurrent enrollment allows you to take courses on campus at BRCC. (Most of your classmates will be college students over age 18!) Student are a part-time student at BRCC and remain a full-time student in your high school. Credit may or may not count toward the high school diploma.

- Must have high school and parental permission.
- Must be college ready (determined by admissions criteria)
STEM Programs of Study at BRCC

Associates of Science
- Computer Science
- Engineering
- Science (Biology, Chemistry, Physics)

Transfer to 4-Year Colleges & Universities
- Most popular: JMU, VT, UVA, Bridgewater, EMU
- Guaranteed Admission Agreements

http://www.brcc.edu/prospective/programs/
STEM Programs of Study at BRCC

**Associates of Applied Science**
- Aviation Maintenance Technology
- Computer & Electronics
- Information Systems Technology
- Mechanical Design Technology
- Manufacturing – Mechatronics
- Veterinary Technology

**Designed to be Workforce Ready**

Transfers to designated 4-year schools
- Most popular Old Dominion University
- Guaranteed Admissions Agreement
STEM Programs of Study at BRCC

Career Study Certificates:
- Commercial Piloting
- Computer Aided Drafting
- Computer Help Desk
- Computer Network Technology
- Cyber Security
- Information Technology
- Light Sport Aircraft Mechanic
- Mechanical Maintenance Technology
- Mechatronics I, II, III, IV
- Veterinary Assisting
- Web Design & Development

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Questions???