BERKS COUNTY
TECHNICAL
ACADEMY

A PARTNERSHIP PROGRAM

ACCEPTING APPLICATIONS
FOR CLASSES TO BEGIN
IN THE 2017/2018
SCHOOL YEAR!
## BUSINESS & INFORMATION TECHNOLOGY CLUSTER

<table>
<thead>
<tr>
<th>Academy Program</th>
<th>Career Center Offering Program</th>
<th>College Courses and Credits Earned While in High School</th>
<th>College Degree Pursued While in High School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Management &amp; Entrepreneurship</td>
<td>BCTC</td>
<td>8 Courses for 24 Credits</td>
<td>AA or AAS in Business Management</td>
</tr>
<tr>
<td>IT Applications</td>
<td>RMCTC</td>
<td>8 Courses for 24 Credits</td>
<td>AA or AAS in Business Management</td>
</tr>
<tr>
<td>IT Networking</td>
<td>BCTC</td>
<td>9 Courses for 27 Credits</td>
<td>AA or AAS in Computer Technology</td>
</tr>
<tr>
<td>IT Programming</td>
<td>BCTC</td>
<td>8 Courses for 24 Credits</td>
<td>AA or AAS in Computer Technology</td>
</tr>
<tr>
<td>IT Web Design</td>
<td>RMCTC</td>
<td>8 Courses for 24 Credits</td>
<td>AA or AAS in Computer Technology or AAS in Website Development</td>
</tr>
</tbody>
</table>

## ENGINEERING TECHNOLOGY CLUSTER

<table>
<thead>
<tr>
<th>Academy Program</th>
<th>Career Center Offering Program</th>
<th>College Courses and Credits Earned While in High School</th>
<th>College Degree Pursued While in High School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering &amp; Automation Technology</td>
<td>RMCTC</td>
<td>8 Courses for 29 Credits</td>
<td>AAS in Mechatronics Engineering Technology</td>
</tr>
<tr>
<td>Mechatronics Engineering Technology</td>
<td>BCTC</td>
<td>8 Courses for 29 Credits</td>
<td>AAS in Mechatronics Engineering Technology</td>
</tr>
</tbody>
</table>

## HEALTHCARE CLUSTER

<table>
<thead>
<tr>
<th>Academy Program</th>
<th>Career Center Offering Program</th>
<th>College Courses and Credits Earned While in High School</th>
<th>College Degree Pursued While in High School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Occupations</td>
<td>BCTC</td>
<td>8 Courses for 24 credits</td>
<td>AAS in Electronic Health Records &amp; Healthcare Information Technology</td>
</tr>
</tbody>
</table>
HOW THE TECHNICAL ACADEMY WORKS:

• A pathway for developing advanced skills and college credits toward an associate degree at RACC and/or bachelor’s degree while still in high school!

• Students are enrolled at the CTC (Career & Technology Center) and RACC while in high school. Depending on the program selected, students may complete up to six college courses at the CTC during the first and second year of the program, earning up to 18 college credits. The college credits earned while at the CTC will be tuition free.

• The course sequence depends on which CTC is attended.

• In the third year of the program, students may take an additional three courses on the RACC Campus, earning up to an additional 12 college credits while in high school (depending on the program selected).

• All credits earned will appear as completed courses on a college transcript establishing the transferability of these courses.

• Tuition for the final courses taken on the RACC Campus (while students are still in high school) may be subsidized by the CTC and is dependent on state and federal funding.

• Students can enter the workforce at multiple points prior to earning a degree.

• Students have the opportunity to earn recognized industry certifications and prepare for jobs that are in high demand.

• After completing an associate degree, academy students may earn a Bachelor of Applied Science in Technical Leadership from Bloomsburg University by taking courses at the RACC Campus at a fraction of the total cost of a 4-year degree program.

STUDENT ENTRANCE REQUIREMENTS

• Students must be in grades 10 or 11.

• 3.0 overall GPA *

• Math Proficiency

• Reading Proficiency

• To remain in the Academy, students must complete a college prep academic sequence throughout high school.

• Signed Letter of Understanding to attend RACC to earn an associate degree.

• Students transitioning to RACC after graduation and completion of the Technical Academy courses will be required to complete RACC’s placement assessment. SAT, ACT, and AP scores may be evaluated to determine the need to take RACC’s placement assessment.

* With special permission a student may be accepted on a provisional basis with a 2.5 GPA or higher.
**Business Management Degree**

**BCTC’s Business Management & Entrepreneurship and RMCTC’s IT Applications Students**

The following courses are part of RACC’s Business Management program of study. Course sequence depends on which CTC is attended.

- **BUS 100** Introduction to Business 3 credits
- **IFT 110** Microcomputer Applications 3 credits
- **BUS 110** Business Math 3 credits
- **ACC 105** Financial Accounting 3 credits
- **BUS 220** Principles of Marketing 3 credits
- **MGT 100** Principles of Management 3 credits
- **ORI 103** College Success Strategies 3 credits
- **MGT 215** Human Relations in Business 3 credits
- **ACC 110** Managerial Accounting 3 credits

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**Electronic Health Records & Healthcare Information Technology Degree**

**BCTC’s Health Occupations Students**

The following courses are part of RACC’s Electronic Health Records and Healthcare IT program of study. Course sequence depends on which CTC is attended.

- **EHR 100** Medical Terminology 3 credits
- **EHR 200** Medical Office Procedures 3 credits
- **EHR 210** Legal and Ethical Issues in Healthcare 3 credits
- **IFT 100** Introduction to Information Technology 3 credits
- **IFT 110** Microcomputer Applications 3 credits
- **EHR 110** Computerized Medical Office 3 credits
- **IFT 120** Advanced Microcomputer Applications 3 credits
- **ORI 103** College Success Strategies 3 credits

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**Computer Technology Degree**

**BCTC’s IT Networking Students**

The following courses are part of RACC’s Computer Technology program of study. Course sequence depends on which CTC is attended.

- **IFT 100** Introduction to Information Technology 3 credits
- **IFT 110** Microcomputer Applications 3 credits
- **NET 100** Computer Networking 3 credits
- **NET 106** Installation and Maintenance of PCs I 3 credits
- **NET 120** Server Administration 3 credits
- **NET 206** Installation and Maintenance of PCs II 3 credits
- **ORI 103** College Success Strategies 3 credits
- **MGT 215** Human Relations in Business 3 credits
- **IFT 120** Advanced Microcomputer Applications 3 credits

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**Computer Technology Degree**

**BCTC’s IT Programming and RMCTC’s IT Web Design Students**

The following courses are part of RACC’s Computer Technology program of study. Course sequence depends on which CTC is attended.

- **IFT 100** Introduction to Information Technology 3 credits
- **IFT 110** Microcomputer Applications 3 credits
- **WEB 100** Web Design I (HTML) 3 credits
- **PRG 100** Introduction to Programming 3 credits
- **IFT 120** Advanced Microcomputer Applications 3 credits
- **BUS 100** Introduction to Business 3 credits
- **ORI 103** College Success Strategies 3 credits
- **MGT 215** Human Relations in Business 3 credits
Earn a bachelor’s degree from Bloomsburg University by taking courses at the RACC campus at a fraction of the total cost of a 4-year degree program.

BCTC and RMCTC Technical Academy students may dual enroll during their sophomore, junior, and senior years, complete an associate degree at RACC, then transfer seamlessly into Bloomsburg University’s Technical Leadership B.A.S. degree program with admission as a college junior.

**Full-Time and Part-Time options:** Earn your bachelor’s degree in as little as two years after your associate degree or take courses at your own pace.

**Evening classes** — some taught onsite at RACC and others online — to meet the needs of working professionals.

- Build on the foundation of your associate degree.
- Develop the leadership, communication, supervisory, management, and financial skills employers seek.
- Improve your chances to be hired and promoted, and increase your earning potential.

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**Mechatronics Engineering Technology Degree**

**BCTC’s Mechatronics Engineering Technology and RMCTC’s Engineering & Automation Technology Students**

The following courses are part of RACC’s Mechatronics Engineering Technology program of study. Course sequence depends on which CTC is attended.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFT 110</td>
<td>Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td>MET 101</td>
<td>Introduction to Shop Machinery</td>
<td>3</td>
</tr>
<tr>
<td>MET 120</td>
<td>Industrial Mechanics I</td>
<td>5</td>
</tr>
<tr>
<td>MET 130</td>
<td>Industrial Electrical Systems</td>
<td>4</td>
</tr>
<tr>
<td>MET 140A</td>
<td>Introduction to PLCs – Part 1</td>
<td>2</td>
</tr>
<tr>
<td>MET 140B</td>
<td>Introduction to PLCs – Part 2</td>
<td>2</td>
</tr>
<tr>
<td>MET 150</td>
<td>Industrial Mechanics II</td>
<td>6</td>
</tr>
<tr>
<td>MET 160</td>
<td>Rotating Electrical Machines</td>
<td>4</td>
</tr>
</tbody>
</table>

*After completion of the eight courses, students shall earn the AMIST Level 1 and Level 2 industry certifications.*

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**Web Site Development Degree**

**RMCTC’s IT Web Design Students**

The following courses are part of RACC’s Web Site Development program of study. Course sequence depends on which CTC is attended.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>IFT 100</td>
<td>Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>IFT 110</td>
<td>Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td>WEB 100</td>
<td>Web Design I (HTML)</td>
<td>3</td>
</tr>
<tr>
<td>PRG 100</td>
<td>Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>MGT 215</td>
<td>Human Relations in Business</td>
<td>3</td>
</tr>
<tr>
<td>WEB 115</td>
<td>Web Design II - Web Authoring Software</td>
<td>3</td>
</tr>
<tr>
<td>ORI 103</td>
<td>College Success Strategies</td>
<td>3</td>
</tr>
</tbody>
</table>

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**High Value at a Reasonable Cost**

Comparison of 4-year Tuition Cost Estimates

<table>
<thead>
<tr>
<th></th>
<th>Typical Private College</th>
<th>Penn State University</th>
<th>State System Universities</th>
<th>Bloomsburg BAS Degree Program</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tuition Cost</strong></td>
<td>$140k</td>
<td>$120k</td>
<td>$100k</td>
<td>As low as $20,000</td>
</tr>
<tr>
<td></td>
<td>$120k</td>
<td>$100k</td>
<td>$80k</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$100k</td>
<td>$80k</td>
<td>$60k</td>
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<tr>
<td></td>
<td>$80k</td>
<td>$60k</td>
<td>$40k</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$60k</td>
<td>$40k</td>
<td>$20k</td>
<td></td>
</tr>
</tbody>
</table>

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FOR ADDITIONAL INFORMATION OR TO APPLY FOR AN ACADEMY PROGRAM:

BCTC Students:
Contact Student Services
610-374-4073
www.berkscareer.com

RMCTC Students:
Contact Student Services
610-921-7310
www.rmctc.org

FOR MORE INFO
OR TO APPLY:

TECHNICAL ACADEMY

STUDENT COSTS

The courses that students complete on the CTC campus will be provided with college credit being issued on a RACC transcript and will be tuition free. Students will be expected to purchase textbooks and all other course materials for all courses.

The three courses that students complete at RACC while still enrolled in high school will be handled as “early admissions” and may be partially subsidized by the CTC when state and federal funding is available. Once students graduate from high school, the costs associated with the remaining courses will be the responsibility of the student. Students may apply for financial aid in the same fashion as any other RACC student.