How the Technical Academy Works?

Students enroll at RMCTC and RACC for grades 10, 11, and 12. During the first two years of the program, students may complete up to five college courses while attending class at RMCTC, earning up to 17 college credits. In the third year of the program, instead of spending half of their school day at RMCTC, students attend classes on the RACC campus two to three days a week, earning up to an additional 15 college credits.

Student Entrance Requirements

♦ Students must be in grades 10 or 11

♦ 3.0 GPA (2.5 with recommendation)

♦ Keystone Test proficiency

♦ To remain in the program students must complete a college prep academic sequence throughout high school

♦ Students must successfully complete RACC placement testing prior to taking courses on the RACC campus

Important Benefits

♦ Students may earn up to 29 college credits while still in high school

♦ College credits earned at RMCTC are tuition free

♦ Tuition for the courses taken on RACC's campus are fully subsidized by outside funding

♦ Students may also earn industry certifications while preparing for jobs that are in high demand

♦ HAND IN YOUR APPLICATION NOW! SLOTS ARE LIMITED!

Directions for Applying

To enroll today, fill out the enclosed Application. Complete the information at the top of the first page. On the back, write your statement of interest (why you want to enroll in the program). Make sure you and your parent sign the application. Turn in the completed application to your guidance office ASAP! Remember there are limited openings for new students!

Dual Enrollment Technical Academy Courses with RACC by Program Area:

Information Technology—Web Design Class—24 Credits
Computer Technology Degree:
- BUS 100—Introduction to Business—3 credits
- 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
- *ORI 102—College Success Strategies—3 credits**
- *MGT 215—Human Relations in Business—3 credits**
- *IFT 120—Advanced Computer Applications—3 credits**

Web Design Degree:
Student will complete first five courses listed above. The last three courses, on RACC campus, will be:
- *ORI 102—College Success Strategies—3 credits**
- *WEB 115—Web Design II—3 credits**
- *MGT 215—Human Relations in Business—3 credits**

Information Technology—Applications Class—24 Credits
Business Management Degree & Accounting Degree
- BUS 100—Introduction to Business—3 credits
- IFT 100—Introduction to Information Technology—3 credits
- BUS 110—Business Math—3 credits
- MGT 100—Principles of Management - 3 credits
- ACC 105—Financial Accounting—3 credits
- *ORI 102—College Success Strategies—3 credits**
- *MGT 215—Human Relations in Business—3 credits**
- *ACC 110—Managerial Accounting—3 credits**

Accounting Degree:
Student will complete all the courses listed above.

Engineering Automation Technology Class—29 Credits
Mechatronics Engineering Technology Degree:
- IFT 110—Microcomputer Applications —3 credits
- MET 100—Introduction to Shop Machinery—3 credits
- MET 120—Industrial Mechanics I—5 credits
- MET 130—Industrial Electrical Systems - 4 credits
- MET 140—Introductions to PLCs Part 1—2 credits
- *MET 140—Introduction to PLCs Part 2—2 credits**
- *MET 150—Industrial Mechanics II—6 credits**
- *MET 160—Rotating Electrical Machines—4 credits**

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

*The last three courses in each degree are taught on the RACC Campus during the students' senior year in high school.

Full course descriptions can be found at www.racc.edu.

Meet Your Instructors

Business Management & Accounting Degrees

Mrs. Michelle Merkel - Information Technology - Applications

Biography

I graduated from Muhlenberg High School in 1999 and earned a bachelor's degree in computer science from Kutztown University in 2003. I was immediately hired to manage a database for a local non-profit organization. While working there, I developed a passion for helping and guiding others. This inspired me to become a teacher. I enjoy helping and guiding students throughout their educational journey.

Education

Bachelor of Science, Computer Science, Kutztown University

Certificates and Awards

Occupational Competency Assessment Certificate, Temple University Vocational Education I Teaching Certificate, Temple University Vocational Education II Teaching Certificate, Temple University Microsoft Office Specialist – Master CompTIA – IT Fundamentals IC3 – Computing Fundamentals IC3 – Key Applications IC3 – Living Online Sage MAS 90 – MAS 200 Core Applications w/Payroll Google for Education – Basic Certification

Work Experience

Document Preparer, Stell Environmental
Development Associate, Opportunity House

Mrs. Merkel
mmerkel@rmctc.org
Ext. 7447

Computer Technology & Web Design Degrees

Ms. Lisa Pison - Information Technology - Web Design

Biography

I have been teaching web design since 2001. I have a love of teaching that began when I was a corporate trainer in industry and as an adjunct instructor for Harrisburg Area Community College. I then moved to public education, where I found my calling. I enjoy working with high school students and passing on my passion for web design. I stay current by keeping up with industry standards and the latest technology.

Education

B.S., Computer Information Systems, York College of PA
Graduate coursework, Penn State University and Temple University

Certifications and Awards

CIW Web Design Associate
Oracle Certified Instructor

Work Experience

Help Desk Administrator, Snyders of Hanover, Inc.
Assistant IT Manager, USA Direct, Inc.
IT Administrator, Penngate
IT Director, York County Economic Development Corp.
Programming and Interactive Media Teacher, York County School of Technology
Web Design (HTML/Javascript), Harrisburg Area Community College
Adjunct Professor, A+ certification, web design, Reading Area Community College

Ms. Pison
lpison@rmctc.org
Ext. 7448

Mechatronics Engineering Technology Degree

Mr. Benjamin Harmuth - Engineering Automation Technology

Biography

I grew up in the Lebanon area, graduating from Cedar Crest High School. I excelled in my drafting and design course at Lebanon County Career & Technology Center. My instructor encouraged me to pursue a career as an engineer, and I attended Thaddeus Stevens College, graduating with an Associate of Applied Science Degree. I then continued my education at Penn State, earning my Bachelor's Degree in Mechanical Engineering. I worked as a design engineer and project engineer at local companies before accepting a teaching position at Thaddeus Stevens. Realizing my passion was for teaching and working with students, I joined the team at RMCTC.

Education

Associate of Applied Science, Mechanical Engineering Technology, Thaddeus Stevens College of Technology Bachelor of Science, Mechanical Engineering Technology, Penn State University

Certifications and Awards

Professional Engineer in Training certificate (ET017579)
Certified Investment Casting Specialist

Work Experience

Butler Manufacturing Company, 3 years Tech Cast, LLC, 2 years
Thaddeus Stevens College, 1 semester

Mr. Harmuth
bharmuth@rmctc.org
Ext. 7423

Visit www.rmctc.org or contact an individual teacher at 610-921-7300 and their extension if you have any questions.

Student Testimonials

"At the start, it's hard work and takes time. In the end it's easy and quick." Andrew, RHS Class of 2016

"The class is a great experience. Not only do you get free college credits but you also learn a lot about the devices you use everyday." Jimmy, RHS Class of 2016

"The RMCTC Tech Academy is awesome. It is a great experience to be here. I am glad that I was granted this opportunity to learn more each day here." Ethan, RHS Class of 2018

"Joining TA has brought about so many new and amazing experiences." Cheyenne, RHS Class of 2017

"Being apart of the TA taught me a lot about technology, business, and how a college experience feels." Kevin, MHS Class of 2017

"The TA involves a lot of work and teaches you many important things you will need for the workforce." Kaitelyn, MHS Class of 2017

"Being in the Technical Academy allows you to get a jump start on your future while you're still in high school." Richard, MHS, Class of 2018

"The free college credits earned saves you money in college costs!" Ana, RHS, Class of 2018

"Enrolling in this program gives me a head start towards college. I am earning FREE college credits all through my 10th, 11th, and 12th grade years at the CTC."

-Jose, RHS, Class of 2017

Technical Academy students on RACC campus getting their college ID's!

"As both an RMCTC & RACC student, I am able to jump-start my engineering career." -Robby, MHS, Class of 2017