Pennsylvania College of Technology
Transfer Guide

A completed A.A.S. degree in Environmental Control Technology from Raritan Valley Community College will transfer into the Penn College's Bachelor of Science degree in Building Automation Engineering Technology (BMS). The following stipulations apply:

- Applicants must have a final GPA of 2.0 or higher and must have completed general education courses with a "C" (2.0 on a 4.0 scale) or higher. ETEC coursework transfers as a block with a completed degree.
- ECTC coursework will transfer in as block credits with a completed degree.
- Due to sequential nature of coursework, it is recommended that students begin the program in the **fall semester**.

Raritan Valley Community College Environmental Controls Technology, AAS	**Credits**	**Pennsylvania College of Technology Building Automation Bachelor of Science**	**Credits**
Major Requirements			
To receive block of credits, student must have completed: ECTC 101, 102, 103, 104, 110, 201, 202, 206, 207, 290	**38**	**BBT Directed Building Automation Technology Electives**	**42**
General Education Requirements			
Satisfied through AAS degree		**FYE101** First Year Experience	1
ENGL 111 English Composition I	3	**ENL111** English Composition I	3
ENGL 112 English Composition II OR COMM 110 Interpersonal Communication OR COMM115 – Organizational and Technical Communication	3	**ENL121** English Composition II OR **ENL201** Technical & Professional Communication OR **SPC 201** Interpersonal Communication *	3
Social Science Consult Transfer Course Equivalency database	3	**ARP/AAP/CDP/HIP/SSP or OEE** Elective	3
Humanities Elective Consult Transfer Course Equivalency database	3	**ARP/AAP/CDP/HIP/SSP or OEE** Elective	3
ENVI 103 – Energy, The Environment and Climate Change	3	**OEA –** Open Elective	3
PHYS112 Concepts of Physics	4	**PHS103 –** Physics Survey	3
**Mathematics: 3 credits Penn College recommends MATH 112	3	**MTH181** College Algebra & Trigonometry I	3

General Education coursework (above) not completed at RVCC will need to be satisfied prior to graduation from the B.S. degree at Penn College. Coursework may be completed at either institution. Students are encouraged to complete the above coursework prior to transfer.

***If a student chooses to take COMM110 at RVCC this will transfer to Penn College as SPC201. This can be subbed for SPC101 on the Building Automation Engineering Technology profile. The student would then need to take ENL121 or ENL201 in addition at Penn College. If a student takes ENGL112 or COMM115 at RVCC then this student will need to complete SPC101 at Penn College.**

****Recommended that students take MATH112 at RVCC to satisfy the PCT MTH181 requirement. Students able to complete MATH113 at RVCC are encouraged to transfer this course as well as it satisfies the MTH183 requirement at PCT. Transfer students who have taken MATH106 (equal to PCT's MTH123) or MATH101 (equal to PCT's MTH151) or MATH100 (equal to PCT's MTH1003) at Raritan can use this course to satisfy an Exploration (OEE) or Open (OEA) Elective requirement. Those students who take MATH103C will not be able to transfer this course to satisfy any requirements in the Building Automation Engineering Technology degree.**

*****If students take CISY102 or CISY103 at RVCC this will transfer in as Penn College's CSC124 -Information, Technology & Society.**

Remaining Coursework at Penn College			
		5th Semester	
		ELT 239 Fundamentals of Electronics for BBT	5
		BBT 209 Building Automation Industry	3
		MTH183 College Algebra & Trigonometry II (if not completed at RVCC) OR MTH161 Statistics for STEM Fields with Computer Applications	3 3.5
		CSC 124 Information, Technology & Society	3
		Total Credits	**14 or 14.5**
		6th Semester	
		BBT 304 Direct Digital Control of HVACR Equipment	4
		BBT 344 Electric, Pneumatic & Electronic Control Systems	4
		OEE Exploration Elective	3
		SCL ELC – Science Elective with Lab	4
		CDP Core Global & Cultural Diversity Perspective	3
		Total Credits	**18**
Summer Session: Building Automation Industry Internship: 1 credit			
		7th Semester	
		BBT 407 Building Control Networks I	3
		BBT 412 Building Commissioning & Recommissioning	3
		BBT 414 Building Automation Programming	3
		BBT 495 Senior Seminar-Lecture	1
		ENL121 or ENL201 or SPC101	3
		OEA Open Elective (Credit-bearing coursework completed at RVCC may fulfill Open Electives credit)	3

		Total Credits	**16**
		8th Semester	
		BBT 415 Integrated Building Operation & Energy Mgt	3
		BBT 417 Building Controls Network II	4
		BBT 496 Senior Seminar-Lab	2
		HIP Core Historical Perspective	3
		ARP Core Arts Perspective	3
		Total Credits	**15**

Additional Transfer Information

- A minimum of 36 credits in the final four semesters of the Penn College degree must be completed at Penn College. View coursework for the Bachelor of Building Automation Engineering Technology curriculum in the College Catalog.
- Additional coursework may be available for transfer. Students should consult the Transfer Course Equivalency or contact the School of Engineering Technologies at et@pct.edu for further academic advising.
- Individuals must apply for admission to Penn College and submit official transcripts.
- The information included in this guide is subject to change. Students are encouraged to contact the School of Engineering Technologies at et@pct.edu with additional questions.