



TRANSFER ARTICULATION AGREEMENT
BETWEEN
PENNSYLVANIA COLLEGE OF TECHNOLOGY
AND
JOHNSON COLLEGE

This Articulation Agreement establishes a mechanism for graduates of **Johnson College/Heating, Ventilation & Air Conditioning Technology, A.A.S.** to transfer specific earned credits into the **Building Automation Engineering Technology, B.S.** at Penn College.

Degree/Course Equivalencies

Penn College's Bachelor's Core	Satisfying Course(s) at Johnson College
Communication: 9 credits	COM-112 = SPC101, ENG107 = ENL111
Quantitative Thinking: 6 credits	
Technological Literacy: 3 credits	CPT-101 = CSC124
Arts: 3 credits	
Global & Cultural Diversity: 3 credits	
Historical: 3 credits	
Natural Sciences: 7 credits	SCI Elective = SCI ELC (3 credits)
Social Science: 3 credits	
Exploration Electives: 6 credits	MAT-101* = MTH108

* MAT-101 must be completed with a grade of C or higher in order to receive credit for the course.

Penn College BMS Coursework	Johnson College Heating, Ventilation & Air Conditioning Technology, A.A.S.
BBT ELC – Directed Building Automation Technology Electives (Semester 1 – 10 credits)	SSS-101 (1), BTT-103 (2), BTT-151 (2), BTT-152 (2), BTT-OSHA (0), ART-110 (3), BTT-105 (1), BTT-106 (2), HAC-189 (2), HAC-190 (4), BTT ELECTIVE (3), HAC-283 (2), HAC-284 (4), HAC-285 (3), HAC-287 (1), BTT-251 (2), BTT-252 (4), HAC-290/INT-299D (4), HAC-291/HAC-293 (3), GRD-010 (0), BUS-101 (3)
BBT ELC - Directed Building Automation Technology Electives (Semester 2 – 12 credits)	
BBT ELC - Directed Building Automation Technology Electives (Semester 3 – 10 credits)	
BBT ELC - Directed Building Automation Technology Electives (Semester 4– 10 credits)	
Open Electives (6 credits)	
FYE101 (1 credit)	
Total - 49 Credits	Total – 48 Credits

Total Credits Awarded: 64 Credits

Technical courses from Johnson College will substitute as a block of credits. BBT ELC - Directed Building Automation Technology Electives are not evaluated individually; students completing all of the listed courses receive credit for all of the above-listed Penn College coursework in the Building Automation Engineering Technology bachelor program.

Remaining Coursework at Penn College

Fifth Semester (Semester 1 at PCT)		Sixth Semester (Semester 2 at PCT)	
Course	Credits	Course	Credits
MTH181 – College Algebra & Trigonometry I	3	Science Elective with Lab (SCL)	4
ENL201 – Technical & Professional Communication	3	MTH183 – College Algebra & Trigonometry II OR MTH161 – Statistics for STEM Fields with Computer Applications	3 3.5
HVE HVAC Elective (BBT239 – Fundamentals of Electronics for Building Automation Technologies)	5	BBT 304 – Direct Digital Control of HVACR Equipment	4
BBT209 – Building Automation Industry	3	BBT344 – Electric, Pneumatic & Electronic Control Systems	4
Core Global & Cultural Diversity Perspective (CDP)	3		
Total Credits	17	Total Credits	15/15.5

Summer Session: BBT310 – Building Automation Industry Internship (1 Credit)

Seventh Semester (Semester 3 at PCT)		Eighth Semester (Semester 4 at PCT)	
Course	Credits	Course	Credits
Exploration Elective (OEE)	3	BBT415 – Integrated Building Operation & Energy Management	3
BBT407 – Building Control Networks I	3	BBT417 – Building Control Networks II	4
BBT412 – Building Commissioning & Recommissioning	3	BBT496 – Senior Seminar – Lab	2
BBT414 – Building Automation Programming	3	Core Social Science Perspective (SSP)	3
BBT495 – Senior Seminar – Lecture	1	Core Arts Perspective (ARP)	3
Core Historical Perspective (HIP)	3		
Total Credits	16	Total Credits	15

Total Credits to Complete at Penn College: 64/64.5 Credits

Additional Transfer Information

- Students must submit a completed Penn College application.
 - Note: When selecting the Building Automation Engineering Technology major on the Penn College application, students will be prompted to select a secondary major that most closely aligns with their associate's degree. For purposes of this agreement, students should select the **Heating, Ventilation & Air Conditioning (HV)** major. Once the completed associate degree from Johnson College has been verified by the Registrar's Office, the secondary major will be removed.
- Students must provide an **official** transcript of all college coursework.
- Students must have gained admission to Penn College and met placement requirements.
- Johnson College applicants must have a minimum final cumulative GPA of 2.0 (on a 4.0 scale). MAT-101 must be completed with a grade of C or higher in order to receive credit for the course.
- Students must complete a minimum of 36 credits at Penn College for coursework prescribed in the final four semesters of the student's baccalaureate curriculum, as provided in the [College Catalog](#).
- Students transferring to Penn College are eligible and will be considered for scholarship opportunities the same as currently enrolled students. Students must meet the application deadlines for scholarships for the fall and spring enrollment. Students must be accepted to the College to be eligible.
- Penn College will only consider those credits earned through Johnson College for the terms of this Articulation Agreement. Students must request transcripts from additional institutions to be evaluated on an individual basis at Penn College.

Articulation formalized July 2026