



TRANSFER ARTICULATION AGREEMENT
BETWEEN
PENNSYLVANIA COLLEGE OF TECHNOLOGY
AND
JOHNSON COLLEGE

This Articulation Agreement establishes a mechanism for graduates of Johnson College/Industrial Mechanics – Mechatronics 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	ENG107 = ENL111
Quantitative Thinking: 6 credits	MAT-110 = MTH183
Technological Literacy: 3 credits	
Arts: 3 credits	
Global & Cultural Diversity: 3 credits	CSM-105 = CDP Elective
Historical: 3 credits	HUM Elective = HIS Elective
Natural Sciences: 7 credits	
Social Science: 3 credits	
Exploration Electives: 6 credits	*If completed, MAT-101 = OEE

** 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 Industrial Mechanics – Mechatronics Technology, A.A.S.
BBT ELC – Directed Building Automation Technology Electives (Semester 1 – 10 credits)	SSS-101 (1), EET-101 (1), ART-127 (3), EET-161 (2), EET-162 (1), EET-163 (2), EET-164 (1),
BBT ELC - Directed Building Automation Technology Electives (Semester 2 – 12 credits)	MEC-103 (2), MEC-153 (3), MEC-155 (1), MEC-156 (2), MEC-157 (2), MEC-158 (1),
BBT ELC - Directed Building Automation Technology Electives (Semester 3 – 10 credits)	MEC-161 (1), MEC-162 (2), ECT-275 (1), ECT-276 (2), MEC-235 (2), MEC-236 (2),
BBT ELC - Directed Building Automation Technology Electives (Semester 4– 10 credits)	MEC-251 (1), MEC-252 (3), CIT-183 (2), CIT-184 (1), ECT-277 (2), ECT-278 (1),
Open Electives (6 credits)	MEC-257 (2), MEC-258 (3), MEC-259/260/INT-299D (4), GRD-010 (0)
FYE101 (1 credit)	
Total - 49 Credits	Total – 51 Credits

Total Credits Awarded: 61 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	Core Social Science Perspective (SSP)	3
EEL Elective – ACR229 – HVACR System Operations)	5	BBT 304 – Direct Digital Control of HVACR Equipment	4
BBT209 – Building Automation Industry	3	BBT344 – Electric, Pneumatic & Electronic Control Systems	4
CSC124 – Information, Technology & Society	3	SPC101 – Fundamentals of Speech	3
Total Credits	17	Total Credits	18

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	Science Elective (SCI)	3
BBT495 – Senior Seminar – Lecture	1	Core Arts Perspective (ARP)	3
Exploration Elective (OEE)	3		
Total Credits	16	Total Credits	15

**If completed at Johnson College, MAT-101 would satisfy the OEE requirement.*

Total Credits to Complete at Penn College: 67 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 ***Mechatronics Technology (MX)*** 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