



WICHITA STATE
UNIVERSITY



**WICHITA STATE UNIVERSITY AND PRATT
COMMUNITY COLLEGE 2+2 AGREEMENT
Associate of Science Degree/Bachelor's Degree in Engineering Technology
Concentration in Mechatronics Technology
October 19th, 2017**

The purpose of the 2+2 Agreement is to provide Pratt Community College' students a four-year coordinated program through the associate of science curriculum where students will receive an Associates of Science degree at Pratt Community College (PCC) in the first two years and a Bachelor of Science degree in Engineering Technology from Wichita State University (WSU) after two additional years. This agreement will provide guidance for both parties in advising students.

This agreement is for Pratt Community College students who have:

- Earned an Associates of Science (A.S.) degree according to attached degree plan in engineering technology.
- Achieved a minimum cumulative GPA of 2.0.
- Applied for admission to WSU.

Pratt Community College students meeting the above requirements will:

- Be guaranteed admission to WSU with completion of application requirements and receipt of transcripts.
- Enter with junior status toward a baccalaureate degree.
- Be guaranteed to transfer 58-59 credit hours from Pratt Community College to WSU.

This partnership reflects the following objectives, institutional expectations, and operational principles:

- Expanded student program opportunities, course articulation understandings, and transfer coordination considered mutually beneficial in this coordinated partnership.
- Graduates will possess the technical skills and conceptual background, creative mindset and applied experiences to address the workforce needs for achieving the desired economic development in the State of Kansas.
- All students must complete all major, institutional, and required degree requirements appropriate to the program curricula at the degree granting institution in order to graduate.
- Both Pratt Community College and Wichita State University College of Engineering program faculty and administrators will promote the program with qualified prospective students and share assessment of learning outcomes toward the goal of program improvement.
- Students can inquire about academic and participation scholarships, financial aid, and grants by contacting the WSU Financial Aid office (316) 978-3430 and the College of Engineering, Engineering Student Success Center at (316) 978-3420.
- Students transferring to WSU from Pratt Community College who have not completed an A.S. must meet the necessary requirements for admission to WSU, and will have their transcript evaluated on an individual basis.

In order to ensure a successful transition and completion of the associates' and bachelors' degrees from both institutions in this 2+2 agreement, students should refer to the required degree plans or stipulations of this agreement. Transfer students must complete at least 60 credit hours of four-year college work including 45 credit hours of upper-division work in order to qualify for graduation from Wichita State University. Courses used as prerequisites may have higher grade requirements as described in the WSU undergraduate catalog.

Modification of Agreement

This agreement shall only be modified in writing with the same formality as the original agreement.

Reverse Transfer

Students, who transfer to Wichita State University from Pratt Community College before attainment of the Associates of Science degree, are eligible to reverse transfer courses that have WSU/PCC equivalency back to Pratt. This allows for the attainment of the Associates of Science degree provided that at least 45 credit hours are earned at Pratt and all other degree requirements are met.

Modification of Agreement

This agreement shall only be modified in writing with the same formality as the original agreement.

Terms of Agreement


The agreement will begin with the 2017-2018 academic year.


Termination of Agreement

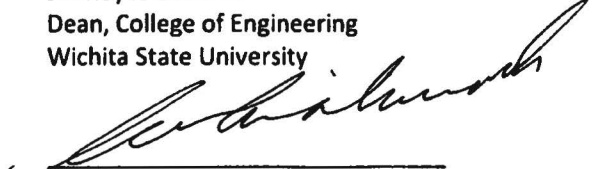
Either party may terminate this agreement for any reason with a written notice from either party. The parties agree that termination shall include an agreement that students currently enrolled in the program at the time of termination shall be permitted to complete the program as described herein.

This agreement is a collaboration between Wichita State University and Pratt Community College. Any changes, corrections, or additions to this agreement shall be in writing and signed by all necessary parties between both academic institutions.

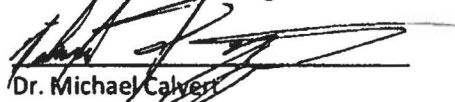
Wichita State University



Dr. Anthony J. Vizzini
Provost and Senior Vice President
Wichita State University


Dr. Royce Bowden
Dean, College of Engineering
Wichita State University


Dr. Krishna Krishnan
Department Chair
Industrial, Systems and Manufacturing Engineering

Pratt Community College


Dr. Michael Calvert
President
Pratt Community College


Dr. Michael Fitzpatrick
Vice President of Instruction
Pratt Community College

**Engineering Technology-Mechatronics Technology Pathway (2+2)
Pratt Community College & Wichita State University
Courses taken at Pratt Community College for completion of Associates Degree of Science**

Freshman – 1st Semester (Taken at Pratt) 16 Credit Hours		
Wichita State University Equivalent	Pratt Community College	Hours
ENGL 101 College English I	ENG 176 English Composition I	3
MATH 242 Calculus I	MTH 191 Analytic Geometry & Calculus I	5
CHEM 211 General Chemistry I	CHM 186 General Chemistry I	5
General Education (Social and Behavioral Science)	Approved General Education (Recommend BUS 276-Principles of Macroeconomics) as found on the WSU Transfer Guide	3
Freshman – 2nd Semester (Taken at Pratt) 17-18 Credit Hours		
ENGL 102 College English II	ENG 177 English Composition II	3
General Education (Social and Behavioral Science)	Approved General Education (Recommend PSY 176-Gen. Psychology OR SOC 176-Intro. To Sociology) as found on the WSU Transfer Guide	3
MATH 243 Calculus II	MTH 193 Analytic Geometry & Calculus II	5
BIOL 370 Introductory Environmental Science	BIO 123 Environmental Science (Lab)	4
HPS 2000 Elective (Not used for BSET degree)	HPR 101 or HPR 177 Concepts of Physical Health or Personal & Community Health	2-3
Sophomore – 1st Semester (Taken at Pratt) 16 Credit Hours		
COMM 111 Public Speaking	COM 276 Public Speaking	3
General Education (Humanities)	Approved General Education (Humanities) as found on the WSU Transfer Guide	3
CHEM 212 General Chemistry II	CHM 187 General Chemistry II & Qualitative Analysis	5
PHYS 213 General College Physics I	PHS 251 General Physics I	5
Sophomore – 2nd Semester (Taken at Pratt) 14-15 Credit Hours		
General Education (Fine Arts)	Approved General Education (Fine Arts) as found on the WSU Transfer Guide	3
General Education (Further Studies in Humanities or Social and Behavioral Sciences)	Approved General Education (Further Studies) as found on the WSU Transfer Guide	3
PHYS 214 General College Physics II OR IME 222 Engineering Graphics & IME 222L Graphics Lab	PHS 252 General Physics II OR WLD 107-Computer Aided Drafting I & WLD 207-Computer Aided Drafting II	5-6
BADM 161 Business Software: Word, BADM 162 Business Software: Excel ; BADM 163 BA Software: Access & Powerpt (Not used for BSET degree)	BUS 235 Microcomputer-Office Applications I	3

A total of 63-65 credit hours taken at Pratt Community College for completion of Associates Degree of Science
58-59 credit hours will transfer to WSU towards B.S. degree in Engineering Technology
(concentration in Mechatronics Technology)

**Engineering Technology-Mechatronics Technology Pathway (2+2)
Pratt Community College & Wichita State University
Courses taken at Wichita State for completion of B.S. in
Engineering Technology-Mechatronics Technology**

Junior – 1st Semester (Taken at WSU) 16 Credit Hours	
Wichita State University Requirement	Hours
IME 222/L Engineering Graphics/Lab *	3
IME 255 Engineering Economy	3
CS 194 Introduction to Digital Design	4
IME 258 Manufacturing Methods I	3
ENGT 301 Fundamentals of Engineering Technology (Summer Only)	3
Junior – 2nd Semester (Taken at WSU) 17-18 Credit Hours	
ENGT 320 Circuits Technology	4
CS 211 Intro to Programming OR MIS 310 Management Info Systems	4
ENGT 354 Statistical Process Control	3
ENGT 312 Applied Statistics	3
Technical Elective	3-4
Senior – 1st Semester (Taken at WSU) 18 Credit Hours	
ENGT 323 Introduction to Fluids	3
ENGT 334 Introduction to Strength and Mechanics of Materials	3
ENGT 497 Electrical Machines and Electronic Circuits	4
ENGT 361 Industrial Controls and Instrumentation	4
ENGT 401 Senior Design Project I	3
ENGT 313 Applied Dynamics	1
Senior – 2nd Semester (Taken at WSU) 18 Credit Hours	
ENGT 348 Machine Elements	3
ENGT 410 Robotics Technology	3
ENGT 411 Micro-Based Mechanical Systems	3
PHIL 385 Engineering Ethics	3
ENGT 402 Senior Design Project II	3
Technical Elective	3

A total of 69-70 credit hours taken at Wichita State for the completion of the B.S. degree in Engineering Technology (concentration in Mechatronics Technology).

*Technical Elective is required if WLD 107-Computer Aided Drafting I & WLD 207-Computer Aided Drafting II are taken at Pratt Community College