



**WICHITA STATE UNIVERSITY AND COWLEY COLLEGE TRANSFER AGREEMENT**  
**Associates of Science Degree**

**July 24, 2019**

The purpose of this Transfer Agreement is to provide Cowley College students a pre-engineering curriculum with the first two years and a Bachelor's degree in three additional years. This agreement is for Cowley College students who have:

This agreement is for Cowley College students who have:

- Earned an Associate of Science (A.S.) degree
- Achieved a minimum cumulative GPA of 3.0
- Applied for admission to WSU

Cowley College students meeting the above requirements will:

- Be guaranteed admission to WSU
- Enter with junior status toward a baccalaureate degree
- Be guaranteed admission to WSU

This partnership reflects the following:

- Expanded student program options considered mutually beneficial in this coordinated partnership
- Graduates will possess the technical skills and conceptual background and creative mindsets to address the workforce needs in achieving the Kansas Economic Development in the State of Kansas
- All students must complete all minimum institutional and revised degree requirements appropriate to the program curricula at the degree-granting institution
- Both Cowley College and WSU promote the program with the intent of learning outcomes toward the goal of program improvement
- Students can inquire about a transfer application to WSU Financial Aid Office (316) 978-3430 and the College of Business (316) 978-3426
- Students transferring to WSU from Cowley College who have not completed an A.S. degree will have their transcript evaluated on an individual basis.

In order to ensure a successful transition and completion of the associates' and bachelors' degrees, the following institutions in this agreement:

Transfer students must complete at least 18 hours of upper-division work in order to qualify for graduation from Wichita State University. Courses with higher grade requirements as described in the WSU undergraduate catalog

**Revised Transfer**

Students who transfer

degree, are eligible

attainment.

degree requirements

**Modification of Agreement**

This agreement

**Terms of Agreement**

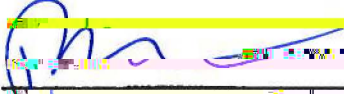
This agreement

**Termination of Agreement**

Either party

This agreement is a contract between the two parties. In addition to this agreement shall be in writing and signed by all necessary parties between both parties.

Wichita State University



Dr. Michael W. Dean

Dean, College of Engineering

Wichita State University



Dr. Dennis Chesny

Dean, College of Engineering

Wichita State University



Dr. Michele




Dr. Gregory

Department Chair

Electrical Engineering

Wichita State University



Dr. Scott

Faculty Chair

Lowry College

**Electrical Engineering Pathway (2+2):**  
**Cowley College & Wichita State University**  
**Courses taken at Cowley College for completion of Associate Degree towards**

<b>Freshman – 1st Semester (Taken at Cowley) 16 Credit Hours</b>			
Wichita State University Equivalent	Hours	Cowley College	Hours
ENGL 101 College English I	3-G	ENG 2211 Composition I	3
MATH 242 Calculus I	5-M	MTH 4435 Calculus I	5
ENGR 101 Introduction to Engineering (TF*)	2-T	PHS 4545 Introduction to Engineering	2
CHEM 211 General Chemistry I	5-M	CHM 4220 Chemistry I	5
HPS 2000 Elective (not transferable to B.S. degree)	0	Health & Physical Education Elective	1
<b>Freshman – 2nd Semester (Taken at Cowley) 17 Credit Hours</b>			
ENGL 102 College English II	3-G	ENG 2212 Composition II	3
General Education (Social & Behavioral Science)	3-G	Approved General Education (Social & Behavioral Science) as found on the WSU Transfer Guide	3
MATH 243 Calculus II	5-M	MTH 4440 Calculus II	5
CS 211 Introduction to Programming	5-C	CIS 1876 Programming	5
General Education (Fine Arts)	3-G	Approved General Education (Fine Arts) as found on the WSU Transfer Guide	3
<b>Sophomore – 1st Semester (Taken at Cowley) 15 Credit Hours</b>			
COMM 111 Public Speaking	3-G	COM 2711 Public Speaking	3
CS 194 Introduction to Digital Design	4-C	CIS 1894 Introduction to Digital Design	4
IME 255 Engineering Economy	3-C	PHS 4553 Engineering Economy	3
PHYS 313 Physics for Scientists I and PHYS 315 University Physics Lab I	4-M	PHS 4560 Engineering Physics I	4
<b>Sophomore – 2nd Semester (Taken at Cowley) 17 Credit Hours</b>			
General Education (Social & Behavioral Science)	3-G	Approved General Education (Social & Behavioral Science) as found on the WSU Transfer Guide	3
AE 223 Statics	3-C	PHS 4570 Statics	3
PHYS 314 Physics for Scientists II PHYS 316 University Physics Lab II	4-M	PHS 4561 Engineering Physics II	4
IME 254 Engineering Probability and Statistics I	3-C	MTH 4445 Engineering Probability and Statistics I	3
General Education (Humanities)	3-G	Approved General Education (Humanities) as found on the WSU Transfer Guide	3
<b>Total</b>	<b>63</b>		<b>65</b>

G: General Ed.; M: Math/Science; C: Engineering/Computer/Technical

\* this one credit hour transfers in towards the major to make up the credit hour lost during the transfer of CIS1876->CS 211; thus, for students under this umbrella, the PHYS315 class will appear under engineering.

A total of 65 credit hours taken at Cowley College for completion of Associate Degree in Science  
63 credit hours will transfer to WSU towards B.S. degree in Electrical Engineering

**Electrical Engineering Department  
Cowley College & Wichita State University**

**Courses**

<b>Junior – 1<sup>st</sup> Semester (Taken at WSU) 16 Credit Hours</b>	
<b>Wichita State University Requirement</b>	
EE 282 Circuits I	4
MATH 344 Calculus III	3
ME 398 Thermodynamics I	3
MATH 555 Differential Equations	2
PHIL 365 Engineering Ethics	3
<b>Junior – 2<sup>nd</sup> Semester (Taken at WSU) 15 Credit Hours</b>	
EE 283 Circuits II	3
EE 492 Electronic Circuits I	4
MATH 511 Linear Algebra	3
EE 483 Electric Machines and Transformers	4
EE-285L Programming w/MATLAB for EE/CE	1
<b>Senior – 1<sup>st</sup> Semester (Taken at WSU) 15 Credit Hours</b>	
General Education - Writing Proficiency	3
EE 463 Applied Engineering Electromagnetics	3
Technical Elective	3
EE 585 Electrical Design Project I	3
EE 385 Signal and Systems	3
<b>Senior – 2<sup>nd</sup> Semester (Taken at WSU) 14 Credit Hours</b>	
EE 684 Introductory Control Systems	3
EE 493 Electronic Circuits II	4
EE 586 Introduction to Communication Systems	4
EE 595 Electrical Design Project II	3
Technical Elective	3

A total of 61 credit hours taken at Wichita State University is required for the degree in Electrical Engineering