

# Coffeyville Community College

## Transfer Program to University of Kansas

### B.S. in Aerospace Engineering

Number to call at KU for advising: (785) 864-4267

Website: <http://www.ae.engr.ku.edu/>

Timely completion of prerequisite courses is imperative due to tight sequencing of major courses. Consult the KU catalog and seek KU advising early.

Transfer students must have at least a 2.5 GPA and proof of competency in Calculus.

## Aerospace Engineering Requirements:

### **KU Course Requirements**

### **Coffeyville Equivalents**

<b>ENGLISH (2 courses)</b>					<u>Core</u>
ENGL 101 Composition	3		ENGL 101 Composition	3	GE21
ENGL 102 Critical Reading and Writing	3		ENGL 102 Composition	3	GE21

<b>MATHEMATICS</b>					<u>Core</u>
MATH 125 Calculus	4		MATH 115 Calculus with Analytic Geometry	5	GE12
MATH 126 Calculus 2	4		MATH 120 Calculus with Analytic Geometry 2	5	
MATH 127 Calculus 3	4		MATH 201 Calculus with Analytic Geometry 3	5	
MATH 290 Elementary Linear Algebra	2		No equivalent	3	
MATH 220 Differential Equations	3		No equivalent	4	

<b>NATURAL SCIENCES</b>					<u>Core</u>
PHSX 211 & 216 Engineering Physics	5		ENGR 210 Engineering Physics	5	GE3N, GE11, GE12
PHSX 212 & 236 Engineering Physics			ENGR 211 Engineering Physics 2		GE3N
CHEM 130 Chemistry	5		CHEM 103 Principles Of Chemistry	5	GE12, GE3N

<b>ECONOMICS- Choose one</b>					<u>Core</u>
ECON 142 Princ of Microeconomics	3		ECON 206 Prin Of Economics (Micro)	3	GE3S
ECON 144 Princ of Macroeconomics	3		ECON 205 Prin Of Economics (Macro)	3	GE3S

### **Humanities and Social Sciences depth requirement:**

When Choosing Core Courses **TWO** courses must be from the same KU Department. This can be accomplished within the core outcomes: **GE3H, GE3S, AE41 and AE42**. For example: *PHIL 160 (AE41) and PHIL 140 (GE3H)*

### **KU Core Curriculum (additional requirements not covered by degree requirements)**

Additional courses that satisfy the KU Core are continuously updated and available at <http://kucore.ku.edu/courses>.

### **KU Course Requirements**

### **Coffeyville Equivalents**

<b>Goal 2: Communication (3 Units) -two from outcome 1 and one from outcome 2</b>					
<b>Outcome 1</b>			<b>GE21</b>		
ENGL 101 Composition	3		ENGL 101 English Composition		3
ENGL 102 Critical Reading and Writing	3		ENGL 102 English Composition 2		3
ENGL 209 Intro to Fiction	3		ENGL 210 Fiction & Prose		3
<b>Outcome 2</b>			<b>GE22</b>		
COMS 130 Speaker-Audience Communication	3		SPCH 111 Public Speaking		3
COMS 131 Speaker-Audience Communication	3		SPCH 121 Public Speaking: Honors		3

<b>Goal 3: Breadth of Knowledge (3 Units) -one from each category</b>					
<b>Arts &amp; Humanities</b>			<b>GE3H</b>		
ENGL 209 Intro to Fiction	3		ENGL 210 Fiction & Prose		3
			ENGL 203 Major English Writers		3

		ENGL 204 American Literature	3
		ENGL 205 Old Testament Literature	3
		ENGL 206 New Testament Literature	3
REL 104 Intro to Religious Studies	3	HUMN 208 Comparative Religions	3
		ENGL 209 Poetry & Drama	3
		ENGL 200 Native American Literature	3
		ENGL 220 African American Literature	3
HA 150 Western Art History I	3	ARTS 140 Art History & Appreciation	3
HA 151 Western Art History II	3	ARTS 141 Art History & Appreciation 2	3
ART 101 Drawing I	3	ARTS 147 Drawing I	3
THR 100 Introduction to the Theater	3	THTR 160 Theater Appreciation	3
THR 100 Introduction to the Theater	3	THTR 175 Intro To Theatre: Honors	3
PHIL 140 Intro to Philosophy	3	HUMN 104 Intro To Philosophy	3
PHIL 148 Reason and Argument	3	HUMN 218 Logic and Critical Thinking	3
PHIL 160 Ethics	3	HUMN 180 Intro To Ethics	3
THR 106 Intro to Acting	3	THTR 164 Fundamentals of Acting	3
HIST 128 Hist US thrgh Civil War	3	HIST 102 Early United States History	3
HIST 129 Hist of US After Civil War	3	HIST 103 Recent United States History	3
HSES 244 Intro to Physical Ed	3	HPER 103 Intro to Health/PE/Recreation	3
<b>Social Sciences</b>		<b>GE3S</b>	
ECON 142 Princ of Microeconomics	3	ECON 206 Prin Of Economics (Micro)	3
ECON 144 Princ of Macroeconomics	3	ECON 205 Prin Of Economics (Macro)	3
POLS 110 Intro to US Politics	3	GOVN 104 United States Government	3
POLS 170 International Politics	3	GOVN 107 International Relations	3
PSYC 104 General Psychology	3	PSYC 101 General Psychology	3
SOC 104 Elements of Sociology	3	SOCI 101 Intro To Sociology	3
		PSYC 102 Developmental Psychology	3
EPSY S305 Dev and Learning of Early Childhood	3	FACS 117 Early Childhood Development	3
COMS 244 Interpersonal Communication	3	SPCH 211 Interpersonal and Group Communication	3

**Goal 4: Culture and Diversity (One Unit from each outcome)**

<b>Outcome 1</b>		<b>AE41</b>	
SOC 104 Elements of Sociology	3	SOCI 101 Intro To Sociology	3
SOC 160 social Problems and American Values	3	SOCI 201 American Social Problems	3
<b>Outcome 2</b>		<b>AE42</b>	
GEOG 100 World Regional Geography	3	GEOG 120 World Geography	3
POLS 170 International Politics	3	GOVN 107 International Relations	3
REL 104 Intro to Religious Studies	3	HUMN 208 Comparative Religions	3
		ENGL 200 Native American Literature	3
		ENGL 220 African-American Literature	3
SPAN 212 Intermediate Spanish	3	FLNG 203 Spanish 3	3
SPAN 216 Intermediate Spanish 2	3	FLNG 204 Spanish 4	3

- In order to graduate in four years, a student must transfer to KU after one year
- Pass/Fail Policy. Only courses used to fulfill English, Humanities, and Social Science requirements will be accepted with a "P" grade
- \*PHSX 211 satisfies the PHSX 210 requirement for Engineering at KU
- "S" before a number (Ex. MATH S365) indicates the course will be satisfied but will not count toward the number of Junior/Senior (upper-level) hours required for graduation
- The requirements listed above are subject to annual change
- A maximum of 64 hours of community college course work can be applied toward a KU degree
- Courses with a grade of D or below do not transfer