

Garden City 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

Garden City Equivalents

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

MATHEMATICS					<u>Core</u>
MATH 125 Calculus	4		MATH 122 Calculus and Analytical Geometry	5	GE12
MATH 126 Calculus 2	4		MATH 123 Calculus and Analytical Geometry 2	5	
MATH 127 Calculus 3	4		MATH 205 Calculus and Analytical Geometry 3	5	
MATH 290 Elementary Linear Algebra	2		No equivalent		
MATH 220 Differential Equations	3		No equivalent		

NATURAL SCIENCES					<u>Core</u>
PHSX 211 & 216 Engineering Physics	5		PHYS 207 Engineering Physics	5	GE3N, GE11, GE12
PHSX 212 & 236 Engineering Physics	4		PHYS 208 Engineering Physics 2	5	GE3N
CHEM 130 Chemistry	5		CHEM 109 College Chemistry	5	GE12, GE3N

ECONOMICS- Choose one					<u>Core</u>
ECON 142 Princ of Microeconomics	3		ECON 112 Economics: Micro	3	GE3S
ECON 144 Princ of Macroeconomics	3		ECON 111 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

Garden City Equivalents

Goal 3: Breadth of Knowledge (3 Units) -one from each category					
Arts & Humanities				GE3H	
			LITR 212 English Literature		3
			LITR 225 Ethnic Minority Literature US 1920+		3
			LITR 230 Understanding Old Testament		3
			LITR 231 Understanding New Testament		3
			LITR 213 English Literature 2		3
			LITR 215 American Literature		3
			LITR 216 American Literature 2		3
			LITR 253 World Lit & Human Experience		3
			ARTS 121 History Of World Art		3
ART 101 Drawing I	3		ARTS 1013 Drawing I		3
PHIL 140 Intro to Philosophy	3		PHIL 101 Intro To Philosophy		3

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PHIL 148 Reason and Argument	3		PHIL 103 Logic	3
PHIL 160 Intro to Ethics	3		PHIL 102 Elementary Ethics	3
THR 215 Approaching Design	3		DRAM 142 Stagecraft II	3
THR 100 Intro to Theatre	3		DRAM 150 Intro To Theatre	3
THR 106 Intro to Acting	3		DRAM 111 Acting I	3
			DRAM 120 Drama History and Literature	3
HIST 128 Hist US thrgh Civil War	3		HIST 103 American History To 1865	3
HIST 129 Hist of US After Civil War	3		HIST 104 American History Since 1865	3
HSES 244 Foundations of Phys Ed	3		HPER 291 Hist and Prin of Phys Ed	3
Social Sciences			GE3S	
CER 208 Ceramics	3		ARTS 1113 Ceramics	3
COMS 244 Intr Personal Comm	3		SPCH 113 Interpersonal Communication	3
ECON 144 Princ of Macroeconomics	3		ECON 112 Economics: Micro	3
ECON 142 Princ of Microeconomics	3		ECON 111 Economics: Macro	3
POLS 110 Intro to US Politics	3		POLS 105 American Government	3
PSYC 104 General Psychology	3		PSYC 101 General Psychology	3
SOC 104 Elements of Sociology	3		SOCI 102 Intro To Sociology	3
ANTH 108 Cultural Anthropology	3		SOCI 105 Intro To Anthropology	3
SOC 220 Sociology of Families	3		SOCI 113 Sociology of Families	3
			EDUC 110 Developmental Psychology	3
JOUR 101 Media and Society	3		JRNL 110 Media in Free Society	3
WGSS 101 Women, Gender and Sexuality Studies	3		HUMA 105 Intro Women's Studies	3

Goal 4: Culture and Diversity (1 Unit from each outcome)				
Outcome 1			AE41	
SOC 104 Elements of Sociology	3		SOCI 102 Intro To Sociology	3
SOC 160 Intro to Social Problems	3		SOCI 204 Social Problems	3
SOC 220 Sociology of Families	3		SOCI 113 Sociology of Families	3
WGSS 101 Women, Gender and Sexuality Studies	3		HUMA 150 Women's Studies	3
Outcome 2			AE42	
GEOG 100 World Regional Geography	3		GEOG 101 World Geography	3
ANTH 108 Intro to Cultural Anthropology	3		SOCI 105 Intro to Anthropology	3
			LITR 225 Ethnic Minority Literature US 1920+	3
			LITR 253 World Literature and Human Experience	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