

**BUTLER COUNTY COMMUNITY COLLEGE  
TRANSFER PROGRAM TO THE 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.

Sixty-four credit hours may be transferred to KU from community colleges. Transfer students must have at least a 2.5 GPA and proof of competency in Calculus.

**KU Course Requirements**

**Butler County Course Equivalents**

<b>ENGLISH (6 hours)</b>			
ENGL 101 COMPOSITION	3	EG 100 ENGLISH COMPOSITION W/ REVIEW	5
		EG 101 ENGLISH COMPOSITION I	3
ENGL 102 CRITICAL READING & WRITING	3	EG 102 ENGLISH COMPOSITION II	3

**HUMANITIES AND SOCIAL SCIENCES (11 hours)**

At least one course must be from Humanities and at least one course must be from Social Sciences. At least two courses must be from the same department in either Humanities or Social Sciences.

<b>HUMANITIES</b>			
		EG 104 CREATIVE WRITING	3
		LT 201 INTRO TO LITERATURE I	3
		LT 204 INTRO TO POETRY	3
		LT 205 INTRO TO SHORT STORY	3
		LT 211 BRITISH LITERATURE I (ORIGINS-1784)	3
		LT 212 BRITISH LITERATURE II (1784-PRES)	3
		LT 215 AMERICAN LITERATURE I (COL-1865)	3
		LT 216 AMERICAN LITERATURE II (1865-PRES)	3
		LT 218 SHAKESPEARE	3
		LIT 260 CHILDREN'S LITERATURE	3
		HS 121 HISTORY OF WESTERN CIV I	3
		HS 122 HISTORY OF WESTERN CIV II	3
		HS 131 U.S. HISTORY I	3
		HS 132 U.S. HISTORY II	3
		AR 100 ART APPRECIATION	3
		HS 253 SPECIAL TOPICS	3
		HU 100 HUM: ANCIENT TO MEDIEVAL	3
		HU 101 HUM: RENAISSANCE TO MODERN	3
		HU 110 HUMANITIES THROUGH THE ARTS	3
		MU 100 MUSIC APPRECIATION	3
		MU 202 INTRO TO CONTEMPORARY MUSIC	3
		MU 221 MUSIC HISTORY I	3
		MU 222 MUSIC HISTORY II	3
		MU 224 INTRO TO MUSIC HISTORY & LIT	3
		PL 290 PHILOSOPHY I	3
		PL 291 ETHICS	3
		RG 190 NEW TESTAMENT	3
		RG 191 OLD TESTAMENT	3
		RG 210 COMPARATIVE RELIGIONS	3
		TA 120 HISTORY OF AMERICAN CINEMA	3
		TA 206 INTRO TO THEATRE ART	3
<b>SOCIAL SCIENCES</b>			
		BS 106 INTRO TO ANTHROPOLOGY	3
		EC 200 PRINCIPLES OF MICROECONOMICS	3
		EC 201 PRINCIPLES OF MACROECONOMICS	3

		SC 120 PRINCIPLES OF GEOGRAPHY	3
		AJ 116 JUVENILE DELINQUENCY & JUSTICE	3
		BS 126 GERONTOLOGY	3
		BS 210 MARRIAGE & FAMILY	3
		BS 260 HUMAN GROWTH & DEVELOPMENT	3
		BS 270 CHILD PSYCHOLOGY	3
		PO 141 AMERICAN FEDERAL GOVERNMENT	3
		PO 201 INTERNATIONAL RELATIONS	3
		BS 103 HUMAN SEXUALITY	3
		BS 160 GENERAL PSYCHOLOGY	3
		BS 212 ABNORMAL PSYCHOLOGY	3
		AJ 102 INTRO TO ADMIN OF JUSTICE	3
		AJ 109 INTRO TO CORRECTIONS	3
		AJ 117 CRIMINAL BEHAVIOR	3
		AJ 204 CRIMINAL LAW	3
		AJ 212 CRIMINOLOGY	3
		AJ 213 CRIMINAL LAW & EVIDENCE	3
		BS 105 SOCIOLOGY	3
		BS 107 WOMEN & SOCIETY	3
		BS 110 CONTEMP SOCIAL PROBLEMS	3
		BS 220 MINORITY STUDIES	3
		BS 222 DEALING WITH DIVERSITY	3

**ECONOMICS (3 hours)**

ECON 142 PRIN OF MICROECONOMICS	3	EC 200 PRINCIPLES OF MICROECONOMICS	3
<b>OR</b>			
ECON 144 PRIN OF MACROECONOMICS	3	EC 201 PRINCIPLES OF MACROECONOMICS	3
These two economics courses maybe used to fulfill the requirement for two courses in the same department listed under Humanities and Social Sciences above.			

**MATHEMATICS (18 hours)**

MATH 121 CALCULUS I	5	MA 152 CALC II W/ ANALYTIC GEOMETRY	5
MATH 122 CALCULUS II	5	MAT 253 Calc w. /A Geometry 3	5
MATH 223 VECTOR CALCULUS	3	NO EQUIVALENT	
MATH 220 APPLIED DIFFRNTL EQUATIONS	3	MA 260 DIFFERENTIAL EQUATIONS	3
MATH 290 ELEMENTARY LINEAR ALGEBRA	2	No Equivalent	

**NATURAL SCIENCE (13 hours)**

<b>PHYSICS (8 hours)</b>			
PHSX 211 GENERAL PHYSICS I	4	PH 251 PHYSICS I	5
PHSX 212 GENERAL PHYSICS II	4	PH 252 PHYSICS II	5
<b>CHEMISTRY (5 hours)</b>			
CHEM 184 FOUNDATIONS OF CHEMISTRY I	5	CH 110 COLLEGE CHEMISTRY I	5

**ENGINEERING SCIENCE (19 hours)**

C E 301 STATICS AND DYNAMICS	5	NO EQUIVALENT	
C E 310 STRENGTHS OF MATERIALS	4	NO EQUIVALENT	
M E 312 BASIC ENGINEERING THERMODYN	3	NO EQUIVALENT	
EECS 319 ELCTRCL CIRCUITS, DEVICES, SYST	4	NO EQUIVALENT	
C&PE 121 INTR TO COMPTRS IN ENGR	3	NO EQUIVALENT	
<b>OR</b>			
EECS 138 INTRO TO COMPUTNG	3	NO EQUIVALENT	

NOTE: In order to graduate in four years, a student must transfer to KU after one year and must have completed PHSX 211 General Physics I. NOTE: Pass/Fail policy. Courses used to fulfill English, Humanities, and Social Science requirements will be accepted with a "P" grade. The requirements listed above are subject to annual change.