

**ALLEN COUNTY COMMUNITY COLLEGE  
TRANSFER PROGRAM TO THE UNIVERSITY OF KANSAS  
B.S. IN ELECTRICAL ENGINEERING**

Number to call at KU for advising: (785) 864-4620

Website: <http://www.eecs.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 3.0 GPA and proof of competency in Calculus.

**KU Course Requirements**

**Allen County Course Equivalents**

<b>ENGLISH (6 hours)</b>			
ENGL 101 COMPOSITION	3	COL 101 ENGLISH COMPOSITION I	3
ENGL 102 CRITICAL READING & WRITING	3	COL 102 ENGLISH COMPOSITION II	3

<b>COMMUNICATION (3 hours)</b>			
COMS 130 SPKR-AUDI COMMUNICATION	3	COM 101 PUBLIC SPEAKING	3
ENGL 362 PROFESSIONAL WRITING	3	NO EQUIVALENT	

<b>GENERAL EDUCATION COMPONENT (15 hours)</b>			
Chosen from the list of principal courses as defined by the College of Liberal Arts & Sciences. Up to six hours of foreign language may be used. Additionally, all Western Civ and non-Western culture courses can count as humanities courses.			

**HUMANITIES AND SOCIAL SCIENCES (12 hours)**

<b>HUMANITIES</b>			
<b>Historical Studies (HT)</b>		ART 101 ART APPRECIATION	3
		HIS 108 AMERICAN HISTORY TO 1865	3
		HIS 109 AMERICAN HISTORY FROM 1865	3
		MUS 111 MUSIC APPRECIATION	3
<b>Literature &amp; the Arts (HL)</b>		THE 222 THEATER APPRECIATION	3
<b>Philosophy &amp; Religion (HR)</b>		HUM 105 ETHICS	3
		HUM 125 PHILOSOPHY	3
		HUM 130 NEW TESTAMENT	3
		HUM 131 OLD TESTAMENT	3
		HUM 135 WORLD RELIGIONS	3
<b>SOCIAL SCIENCES</b>			
<b>Culture &amp; Society (SC)</b>		GEO 104 PRINCIPLES OF GEOGRAPHY	3
		SOC 102 SOCIOLOGY	3
		SOC 111 CULTURAL ANTHROPOLOGY	3
<b>Individual Behavior (SI)</b>		CCG 101 EARLY CHILDHOOD GRWTH & DEV	3
		PSY 101 GENERAL PSYCHOLOGY	3
		SPD 111 INTERPERSONAL COMMUNICATIONS	3
<b>Public Affairs (SF)</b>		ECO 207 MICROECONOMICS	3
		ECO 208 MACROECONOMICS	3
		POL 111 AMERICAN GOVERNMENT	3
		SOC 205 CONTEMP SOCIAL PROBLEMS	3
<b>*ECONOMICS (3 hours)</b>			
ECON 142 PRIN OF MICROECONMICS OR	3	ECO 207 MICROECONOMICS	3
ECON 144 PRIN OF MACROECONOMICS	3	ECO 208 MACROECONOMICS	3

\*ECON 142 is preferred by the department.

<b>GENERAL ELECTIVES (6 hours)</b>			
Select 2 courses (6 hrs) from the following list of approved technical, scientific, and professional courses			

<b>ENGINEERING ELECTIVE</b>		PSC 201 STATICS	3
<b>NATURAL SCIENCE ELECTIVE</b>		BIO 102 PRINCIPLES OF BIOLOGY	5
		BIO 257 HUMAN ANATOMY & PHYSIOLOGY	5
		BIO 271 MICROBIOLOGY	5
		CHE 136 CHEMISTRY II	5
		CHE 265 ORGANIC CHEMISTRY I	5

		CHE 295 ORGANIC CHEMISTRY II	5
		PSC 154 PHYSICAL GEOLOGY	5
<b>BUSINESS ELECTIVE</b>		BUS 110 INTRO TO ACCOUNTING	3
		BUS 111 ACCOUNTING I	3
		BUS 112 ACCOUNTING II	3
		BUS 120 INTRO TO BUSINESS	3
		BUS 129 HUMAN RELATIONS IN BUSINESS	3
		BUS 205 SUPERVISORY MANAGEMENT	3
		BUS 212 MANAGERIAL ACCOUNTING	3
		BUS 221 BUSINESS LAW I	3
		BUS 222 BUSINESS LAW II	3
		BUS 275 PRINCIPLES OF MANAGEMENT	3
		BUS 278 MARKETING	3

<b>MATHEMATICS (18-22 hours)</b>			
MATH 121 CALCULUS I	5	MAT 125 CALC W/ ANALYTIC GEOMETRY II	5
MATH 122 CALCULUS II	5	MAT 225 CALC W/ ANALYTICE GEOMETRY III	5
MATH 220 APPLIED DIFF. EQUATIONS	3	NO EQUIVALENT	
MATH 290 ELEMENTARY LINEAR ALGEBR.	2	NO EQUIVALENT	
EECS 461 PROBABILITY & STATISTICS	3	NO EQUIVALENT	

<b>BASIC SCIENCE (17 hours)</b>			
CHEM 184 FOUNDATIONS OF CHEM I	5	CHE 125 CHEMISTRY I	5
PHSX 211 GENERAL PHYSICS I	4	PSC 204 ENGINEERING PHYSICS I	5
PHSX 313 GENERAL PHYSICS III	4	NO EQUIVALENT	
EECS 220 ELECTROMAGNETICS I	4	NO EQUIVALENT	
Natural Science Course (laboratory based)	5	Select ONE course from the following list:	
		CHE 136 CHEMISTRY II	5
		CHE 265 ORGANIC CHEMISTRY I	5
		CHE 295 ORGANIC CHEMISTRY II	5
		PSC 154 PHYSICAL GEOLOGY	5
		PSC 205 ENGINEERING PHYSICS II	5

<b>ENGINEERING</b>			
*63-64 hours of Engineering courses required		NO EQUIVALENT	

NOTE: In order to graduate in four years, a student must transfer to KU after one year.

NOTE: Pass/Fail Policy. Only 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.