

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

Number to call at KU for advising: (785) 864-3181

Website: <http://www.me.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**

**Allen County Course Equivalents**

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

**GENERAL EDUCATION COMPONENT ELECTIVES (15 hours)**

**A MINIMUM OF THREE CREDITS FROM EACH OF THE FIVE GROUPS IS REQUIRED.**

<b>ECONOMICS elective (3 hours)</b>			
ECON 104 INTRO ECONOMICS	4	NO EQUIVALENT	3
ECON 142 PRINC OF MICROECONOMICS	3	ECO 207 MICROECONOMICS	3
ECON 143 PRINC OF MICROECON (HON)	3	NO EQUIVALENT	
ECON 144 PRINC OF MACROECONOMICS	3	ECO 208 MACROECONOMICS	3
ECON 145 PRINC OF MACROECON (HON)	3	NO EQUIVALENT	
<b>COMMUNICATION elective (3 hours)</b>			
COMS 130 SPKR-AUD COMMUNICATION	3	COM 101 PUBLIC SPEAKING	3
COMS 131 SPKR-AUD COMM (HONRS)	3	NO EQUIVALENT	
COMS 150 PERSONAL COMMUNICATION	3	NO EQUIVALENT	
COMS 151 PERSONAL COMM (HONRS)	3	NO EQUIVALENT	
COMS 230 FUNDAMENTALS OF DEBATE	3	NO EQUIVALENT	
ENGR 504 TECHNICAL WRITING FOR ENGR	1-3	NO EQUIVALENT	
ENGR 514 ENGR COMM TO NON-TECH	3	NO EQUIVALENT	
ENGR 515 VERBAL COMM IN ENGR	1	NO EQUIVALENT	
ENGL 359 GRAMMAR & USAGE FOR COMP	3	NO EQUIVALENT	
ENGL 360 ADVANCED COMPOSITION	3	NO EQUIVALENT	
ENGL 362 PROFESSIONAL WRITING	3	NO EQUIVALENT	
ENGL 385 DEVELOPMENT OF MOD ENGL	3	NO EQUIVALENT	
PHIL 148 REASON & ARGUMENT	3	NO EQUIVALENT	
<b>ENVIRONMENTAL CONCERN elect (3 hours)</b>			
ATMO 525 AIR POLLUTION METEOROLOGY	3	NO EQUIVALENT	
BIOL 414 PRINCIPLES OF ECOLOGY	3	NO EQUIVALENT	
EVRN 320 ENVIRONMENTAL POLICY	3	NO EQUIVALENT	
GEOG 304 ENVIRONMENTAL CONVERSION	3	NO EQUIVALENT	
GEOL 302 OCEANOGRAPHY	3	NO EQUIVALENT	
GEOL 351 ENVIRONMENTAL GEOLOGY	3	NO EQUIVALENT	
<b>ETHICS elective (3 hours)</b>			
PHIL 160 INTRO TO ETHICS	3	HUM 105 ETHICS	3
PHIL 180 INTRO TO SOC & POLITICAL PHIL	3	NO EQUIVALENT	
PHIL 360 MORAL ISSUES IN BUSINESS	3	NO EQUIVALENT	
PHIL 365 MORAL ISSUES IN PROFESSIONS	3	NO EQUIVALENT	
PHIL 375 MORAL ISSUES IN COMP TECH	3	NO EQUIVALENT	
PHIL 380 ENVIRONMENTAL ETHICS	3	NO EQUIVALENT	

<b>CONTEMPORARY ISSUES elective (3 hrs)</b>			
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Culture and Society (SC) courses, which are listed in the Principal Course Distribution Requirement in the Liberal Arts & Sciences section of the undergraduate catalog under Social Sciences and Social Sciences, Honors

Plus the Political Science courses listed below:			
POLS 110 INTRO TO U.S. POLITICS	3	POL 111 AMERICAN GOVERNMENT	

POLS 111 INTRO TO U.S. POLITICS (HON)	3		NO EQUIVALENT	
POLS 150 INTRO TO COMPRTVE POLITCS	3		NO EQUIVALENT	
POLS 151 INTR TO COMPRTVE POL (HON)	3		NO EQUIVALENT	
POLS 170 INTRO TO INTERNATNL POLTC	3		NO EQUIVALENT	
POLS 171 INTRO INTERNATL POL (HON)	3		NO EQUIVALENT	

<b>MATHEMATICS (21 hours)</b>				
MATH 121 CALCULUS I	5		MAT 125 CALC W/ ANALYTIC GEOMETRY II	5
MATH 122 CALCULUS II	5		MAT 225 CALC W/ ANALYTIC GEOMETRY III	5
MATH 220 APPLIED DIFF. EQUATIONS	3		NO EQUIVALENT	
MATH 290 ELEMENTARY LINEAR ALGEB.	2			
MATH 365 ELEMENTARY STATISTICS	3		MAT 115 ELEMENTARY STATISTICS	3
<b>OR</b>				
MATH 526 APPLIED MATH. STATISTICS	3		NO EQUIVALENT	
M E 508 NUMER. ANALYS OF M.E. PROBS	3		NO EQUIVALENT	

<b>COMPUTER SCIENCE (3 hours)</b>				
M E 208 INTRO TO DIGITAL COMP MTHD	3		NO EQUIVALENT	

<b>BASIC SCIENCE (13 hours)</b>				
PHSX 211 GENERAL PHYSICS I	4		PSC 204 ENGINEERING PHYSICS I	5
PHSX 212 GENERAL PHYSICS II	4		PSC 205 ENGINEERING PHYSICS II	5
CHEM 125 COLLEGE CHEMISTRY	5		CHE 125 COLLEGE CHEMISTRY I	5

<b>ENGINEERING</b>				
*55 hours of Engineering Sciences & Design			NO EQUIVALENT	

<b>APPROVED ELECTIVES</b>				
*Selected from an approved list in consultation with the adviser.				

\*A list of approved electives and other course planning materials may be found at the following web address:

[www.engr.ku.edu/me/und\\_cour.htm](http://www.engr.ku.edu/me/und_cour.htm)

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

NOTE: Pass/Fail Policy. Only courses taken to fulfill English, Humanities, and Social Science requirements will be accepted with a "P" grade.

The requirements listed above are subject to annual change.