

# TRANSFER advising guide



**FORT SCOTT COMMUNITY COLLEGE**  
**Transfer Program to Kansas State University**  
**College of Engineering**  
**Computer Science (124 hours)**

**Contact: Assistant Dean of Academics**  
**Phone: (785) 532-5592**  
**E-mail: [enggss@k-state.edu](mailto:enggss@k-state.edu)**  
**Home Page: <http://www.engg.ksu.edu/student-services>**

Engineering is a profession in which knowledge of mathematics and natural science is applied to develop ways to utilize the materials and forces of nature for the benefit of mankind. The curricula for the KSU College of Engineering are designed to meet the Accreditation Board of Engineering and Technology (ABET) degree program criteria. The overall curriculum provides an integrated educational experience that is practice-oriented while firmly rooted in fundamentals, learning-based, and integrative and holistic. Coursework in the following areas is included:

- Communications
- Humanities and Social Sciences
- Physical Sciences and Mathematics
- Engineering Sciences
- Discipline specific courses and technical electives

**General Information Including Grade Requirements:**

Approximately 30% of the KSU/Engineering graduating seniors are transfer students, many earning credits from several two- and four-year schools. However, students should be aware that only half of the total B.S. degree credits may be earned at a two-year school, at least 30 credit hours must be KSU credit hours, and 20 of the last 30 must be KSU credit hours. Only courses with a grade of A, B or C will be applicable toward engineering degree requirements.

**Admissions**

For admission into the College of Engineering, a transfer student with 12 or more transfer hours must have a 2.75 cumulative GPA or higher. Given extenuating circumstances, exceptions to this policy may be granted with the recommendation of the pre-engineering advisor at the transfer institution. If students with less than a 2.75 GPA are allowed an exception, they will be admitted on a conditional basis into General Engineering (ENUN). The advisor should send a letter of recommendation with the student application and fee to the Office of Admissions with a copy of the letter to the College of Engineering. Students are strongly encouraged to retake their mathematics and science courses until they have earned a 2.75 GPA before applying to K-State.

To apply for admission to Kansas State University, complete an application from the Admissions Office or online at [www.k-state.edu/admissions](http://www.k-state.edu/admissions) and have complete official transcripts from all previous colleges sent directly to the Office of Admissions, Kansas State University, 119 Anderson Hall, Manhattan, KS, 66505-0102.

Each student must successfully complete credit-bearing courses/experiences to cover all of the K-State 8 areas. A minimum of four different course prefixes (e.g. AGECE, MATH, FSHS) must be represented in the fulfillment of the K-State 8 requirements. Students who began at K-State before Summer 2011, may choose to move to the K-State 8 program or complete their degrees with University General Education (UGE) requirements. For more information: <http://www.k-state.edu/kstate8>



Aesthetic Experiences and Interpretive Understanding  
 Empirical and Quantitative Reasoning  
 Ethical Reasoning and Responsibility  
 Global Issues and Perspectives



Historical Perspectives  
 Human Diversity within the U.S.  
 Natural and Physical Sciences  
 Social Sciences

**Disclaimer**

The material in this community college transfer guide is provided for informational purposes only. General requirements, courses, curricula, degree requirements, fees, and policies are subject to constant review and change without notice. Final approval for transfer credit to degrees is determined by departments within the college after students are admitted.

<u>KSU Requirements</u>			<u>Fort Scott Equivalents</u>		
<b>Communications (11-12 hours)</b>					
ENGL	100	Expository Writing I	—	ENG	1013 English 101
ENGL	200	Expository Writing II	—	ENG	1023 English 102
ENGL	516	Written Communication for Science			
COMM	106	Public Speaking I	—	SPE	1093 Speech I

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<p><b>Humanities (15 hours)</b>                  Required:                  ECON 110 Macroeconomics                  Electives:                  1. _____                  2. _____                  3. _____                  4. _____                  5. _____</p>	<p>____ ECO 2023 Macro-Economics</p>
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<p><b>Quantitative Math (17 hours)</b>                  MATH 220 Analytic Geometry and Calculus I                  MATH 221 Analytic Geometry and Calculus II                  MATH 510 Discrete Math                  MATH 551 Applied Matrix Theory                  STAT 510 Intro to Prob. &amp; Stats</p>	<p>____ MAT 1015 Calculus with Analytical Geometry I                  ____ MAT 1025 Calculus with Analytical Geometry II</p>
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<p><b>Natural Sciences (14 hours)</b>                  1. _____                  2. _____                  3. _____                  4. _____</p>	
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**KSU Courses**

**Credits**

**Fort Scott Equivalency**

CIS 015 Undergraduate Seminar	0	
CIS 200 Fund SW Design	4	
CIS 300 Data & Program Structures	3	
CIS 301 Log Found of Prog.	3	
CIS 308 C/C ++ Lang Lab	1	
CIS 415 Computers & Society	1	
CIS 450 Computer Architecture & Ops	3	
CIS 501 SW Architecture & Design	3	
CIS 505 Intro to Program Language	3	
CIS 520 Operation Systems I	3	
CIS 560 Database System Concepts	3	
CIS 570 Intro Formal Lang. Theory	3	
OR		
CIS 575 Intro to Alg. Analysis	3	
CIS 598 Computer Science Project	3	
DEN 325 Intro to Pers & Prof. Devl	1	
EECE 241 Intro to Computer Engineering	3	

**UNRESTRICTED ELECTIVES**

____	3	
____	3	
____	3	
____	3	
____	3	
____	3	
____	3	
____	2 or 3	

*Technology*

____	3	
____	3	