



JOHNSON COUNTY COMMUNITY COLLEGE
Transfer Program to Kansas State University
College of Engineering
Computer Engineering (129 hours)
2018-2019 Catalog

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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.

General Information Including Grade Requirements:

Students should be aware that only half of the total B.S. degree credits (129 hours) 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

After admission to K-State, applicants will be evaluated for admission by the College of Engineering based on cumulative college or university grade point average and courses taken. An overall cumulative GPA of 2.75 on all transfer coursework is required for acceptance into the College of Engineering. It is preferred that transfer applicants are eligible to enroll in or completed the first calculus course in the math sequence for a specific degree program. Applicants will be notified by the College of Engineering about their admission status.

Transfer applications are accepted for all terms. For spring and summer semester admission, all documents must be postmarked by November 1 to receive priority consideration. For fall semester admission, all documents must be postmarked by February 1 to receive priority consideration

College of Engineering admission is selective based on academic performance and space availability.

IT is the STUDENT'S RESPONSIBILTY TO CHECK FOR UPDATES TO ALL TRANSFER INFORMATION. This transfer guide is provided as a service and is updated annually. Degree requirements at the four-year colleges are subject to change by those institutions.

Updated 9/18

KSU Requirements**Credit Hr. JCCC Equivalent****Credit Hr.****Communication**

ENGL 100 Expos Writing	3	^ENGL 121 Composition I	3
COM 100 Public Speaking	3	SPD 121 Public Speaking	3

^Special Note for ENGL 121 – If a student earns a C or lower grade in ENGL 121, they must retake ENGL 121 to get an A or B grade, or take ENGL 122.

Humanities and Social Science

Sociology and History	3	SOC 122 Intro to Sociology (meets Human Diversity K-State 8) AND HIST 140 US History to 1877 (meets Historical Perspectives) OR HIST 141 US History since 1877 (meets Historical Perspectives)	6
ECON 110 Macroeconomics	3	ECON 230 Macroeconomics (Meets global issues)	3

Quantitative Math

MATH 220 Analytic Geometry and Calculus	4	MATH 241 Calculus I	5
MATH 221 Analytic Geometry and Calculus II	4	MATH 242 Calculus II	5
MATH 222 Analytic Geometry and Calculus III	4	MATH 243 Calculus III	5
MATH 340 Elementary Differential Equations	4	MATH 254 Differential Equations	4

Natural Sciences (8-10 Hours)

CHM 210 Chemistry I	4	CHEM124 GEN CHEM I LEC & LAB AND CHEM125	5
PHYS 213 Engineering Physics I	5	PHYS 220 Engineering Physics I	5
PHYS 214 Engineering Physics II	5	PHYS 221 Engineering Physics II	5

Computer Science

CIS 200 Programming Fund	4	CS 201 CONCPT PROG ALGORTHMS USNG C# OR CS 205 CNCPTS PROG ALGORM USING JAVA OR CS 236 OBJECT ORIENTED PROG C#	3
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