



Timely completion of prerequisite courses is imperative due to tight sequencing of major courses. Consult KU catalog and seek KU advising early.

- ❖ KU's School of Engineering will accept up to 64 transferable credit hours; the last 30 hours must be completed at KU. A total of 126 credit hours is required for the BSCS degree.
- ❖ Transfer students will have their applications to Engineering School evaluated on a case-by-case basis and must have a minimum GPA of 3.0 to be considered for computer science.
- ❖ Either math ACT score greater than 27 or proof of competency in calculus by earning a "C" or better.
- ❖ Application deadline for the School of Engineering is May 1 for fall and summer; December 1 for spring.
- ❖ Pass/Fail Policy: Not acceptable
- ❖ Only courses with grades of "C" or higher at JCCC will apply toward the degree at KU.

KU REQUIREMENTS

JCCC EQUIVALENTS

I. English (9 hours)							
ENGL 101	Composition	3	___ ENGL 121	Composition I	3		
ENGL 102	Critical Reading and Writing	3	___ ENGL 122	Composition II	3		
Plus a third semester English requirement			___ ENGL 123		Technical Writing (recommended) <u>OR</u>	3	
ENGL 362	Professional Writing is strongly recommended.		One of the following:				
(Any of the courses shown to the right will meet this requirement.)			___ ENGL 130	Introduction to Literature	3		
			___ ENGL 217	Literature by Women	3		
			___ ENGL 222	Advanced Composition	3		
			___ ENGL 227	Introduction to Poetry	3		
			___ ENGL 230	Introduction to Fiction	3		
			___ ENGL 231	American Prose	3		
			___ ENGL 235	Drama as Literature	3		
			___ ENGL 243	Literature of Science Fiction	3		
			___ ENGL 250	World Masterpieces	3		
			___ ENGL 254	Masterpieces of the Cinema	3		
			___ ENGL 256	American Poetry	3		

II. Oral Communication (3 hours)							
COMS 130	Speaker-Audience Communication	3	___ SPD 121	Public Speaking	3		

III. Humanities and Social Science (18 hours)							
A. Humanities (9 hours)				2. Literature and the Arts (HL)			
Three courses from at least two different subgroups (1, 2 and 3) of JCCC courses below.				___ HUM 122 Intro to Humanities 3			
1. Historical Studies (HT)				___ HUM 145 Intro to World Humanities I 3			
___ ANTH 142	World Prehistory	3	___ HUM 155	Classical Mythology	3		
___ ANTH 144	Archaeology	3	___ ENGL 250	World Masterpieces	3		
___ ARTH 180	Art History: Ancient to Renaissance	3	___ HIST 135	Eastern Civilization	3		
___ ARTH 184	Art History: Twentieth Century	3	___ THEA 120	Introduction to Theater	3		
___ ARTH 186	Art History: Intro to Asian Art	3	3. Philosophy and Religion (HR)				
___ HIST 128	Medieval History	3	___ PHIL 121	Introduction to Philosophy	3		
___ HIST 129	Early Modern Europe	3	___ PHIL 143	Ethics	3		
___ HIST 130	European History since 1789	3	___ PHIL 154	History of Ancient Philosophy	3		
___ HIST 140	U.S. History to 1877	3	___ PHIL 176	Philosophy of Religion	3		
___ HIST 141	U.S. History from 1877	3	___ PHIL 210	History of Modern Philosophy	3		
___ HIST 160	Modern Russian History	3	___ REL 120	Exploring World Religions	3		
___ HIST 162	Modern Latin America	3	___ REL 125	Religions of the East	3		
___ HUM 137	Intro to Russian Culture	3	___ REL 126	Religions of the West	3		
___ MUS 121	Intro to Music Listening	3					
___ MUS 125	Intro to Jazz Listening	3					
				NOTE: Up to 6 hours of foreign language (other than English or a student's native language) may count toward humanities/social science credit.			

B. Social Science (9 hours)

Three courses from at least two different subgroups (1, 2 and 3) of JCCC courses.

1. Culture and Society (SC)

___	ANTH 125	Cultural Anthropology	3
___	GEOS 145	World Regional Geography	3
___	HIST 137	African American Studies	3
___	SOC 122	Intro to Sociology	3
___	SOC 131	Marriage and the Family	3
___	SOC 165	Chinese Soc: Past and Present	3

2. Individual Behavior (SI)

___	PSYC 130	Intro to Psychology	3
___	PSYC 215	Child Development	3
___	PSYC 218	Human Development	3
___	SPD 120	Interpersonal Communication	3

3. Public Affairs (SF)

___	ECON 132	Survey of Economics	3
___	ECON 230	Economics I	3
___	ECON 231	Economics II	3
___	POLS 122	Political Science	3
___	POLS 124	American National Government	3
___	POLS 126	State and Local Government	3
___	POLS 132	Comparative Government	3
___	POLS 135	International Relations	3
___	SOC 125	Social Problems	3

IV. Mathematics

MATH 121	Calculus I	5
MATH 122	Calculus II	5
MATH 223	Vector Calculus	3
MATH 290	Elementary Linear Algebra	2
EECS 210	Discrete Structures	4

___	MATH 241	Calculus I	5
___	MATH 242	Calculus II	5
___	MATH 243	Calculus III	5
___	MATH 246	Elementary Linear Algebra	3
___	CS 210	Discrete Structures I <u>AND</u>	3
___	CS 211	Discrete Structures II	3

Students must take both MATH 242 Calculus II AND MATH 243 Calculus III at JCCC to count as MATH 122 and MATH 223 at KU.

V. Basic Science (11 hours)

PHSX 211	General Physics I <u>AND</u>	4
PHSX 212	General Physics II	4

One additional course selected from: (3 hrs)
(ASTR 391; BIOL 150, 152, 413; CHEM 184, 188;
GEOG 104/105, 304; GEOL 101).

___	PHYS 220	Engineering Physics I <u>AND</u>	5
___	PHYS 221	Engineering Physics II	5

Select two additional courses from the following:

___	BIOL 135	Principles of Cell and Molecular Biology	4
___	BIOL 150	Biology of Organisms	5
___	CHEM 124/125	General Chemistry I/Lab	4/1
___	CHEM 131/132	General Chemistry II/Lab	4/1
___	GEOS 130	General Geology	5
___	GEOS 140/141	Physical Geography/Lab	3/2

VI. Computer Science (52 hours)

EECS 140	Intro to Digital Logic Design	4
EECS 168	Programming I	4
EECS 268	Programming II	4

No equivalent			
___	CS 200	Concepts of Prog Algorithms Using C++ (see catalog for prerequisite)	4
___	CS 250	Basic Programming Structures	4

VII. Philosophy (3 hours)

PHIL 375	Moral Issues in Computer Tech	3
----------	-------------------------------	---

No equivalent (may be offered at KU Edwards campus)

VIII. General Electives (5 hours)

General elective hours must come from taking one or more classes from Western Civilization, Non-Western Culture, Foreign Language, Natural Science or courses from the School of Business except statistics and computing.

RECOMMENDED ONE-YEAR PROGRAM AT JCCC

FIRST SEMESTER				SECOND SEMESTER			
ENGL 121	Composition I	3		ENGL 122	Composition II	3	
MATH 241	Calculus I	5		MATH 242	Calculus II	5	
	Humanities, Social Science or Science Electives	<u>6-8</u>			Humanities, Social Science or Science Electives	3-5	
		14-16		PHYS 220	Engineering Physics I	<u>5</u>	
						16-18	
SUMMER SEMESTER							
	MATH 243	Calculus III				5	

Note: It is recommended that students transfer after summer semester at JCCC.

It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer program is provided as a service and is updated at least annually. Degree requirements at the four-year colleges are subject to change by those institutions.