



The Associate of Arts degree (A.A.) at JCCC is a general transfer degree and partners well with the first two years of most bachelor degree programs. Students pursuing the A.A. may select courses that satisfy both the A.A. degree requirements and lower division requirements for a bachelor's degree at four-year institutions. The 33 hours of electives within the A.A. allows students to complete additional general education and lower division courses required for specific majors. The A.A. degree requires completion of 64 credit hours, the maximum number of hours from a community college that will be applied toward a bachelor's degree at most four-year schools. Meeting with a JCCC counselor is strongly recommended for selection of appropriate courses.

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 132 credit hours is required for the B.S. in Civil Engineering.
- ❖ Transfer students will have their applications to Engineering School evaluated on a case-by-case basis and must have a minimum GPA of 2.5 to be considered.
- ❖ Either math ACT score greater than 22 or proof of competency (grade of "C" or higher) in calculus is required.
- ❖ 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 Composition/Communications							
(13 hours required; 16 hours maximum)							
<u>Written/Oral (7 hours minimum)</u>							
ENGL 101	Composition	3	_____	ENGL 121	Composition I	3	
ENGL 102	Critical Reading and Writing	3	_____	ENGL 122	Composition II	3	
COMS 130	Fundamentals of Speech	3	_____	SPD 121	Public Speaking	3	
<u>Computer Skills (6 hours minimum)</u>							
Computer Science C++		3	_____	CS 200	Concepts of Prog Alg Using C++	4	
CE 192	Civil Engineering Graphics	3	_____	DRAF 231	Computer Aided Drafting 3-D <u>QR</u>	3	
			_____	ENGR 131	Engineering Graphics I	4	

II. Humanities and Social Sciences (12-13 hours minimum)

Select at least one JCCC course from Humanities (A), Social Science (B) and Economics (C) shown in both columns below and 3 additional hours from any of the three areas.

A. Humanities - 3 hrs. minimum

___	ANTH 135	American Indian Artistic Tradition	3
___	ANTH 144	Archaeology	3
___	ARTH 180	Art History: Ancient to Renaissance	3
___	ARTH 182	Art History: Renaissance to Modern	3
___	ARTH 184	Art History: Twentieth Century	3
___	ARTH 186	Art History: Intro to Asian Art	3
___	ARTH 188	History of Photography	3
___	ENGL 130	Introduction to Literature	3
___	ENGL 140	Writing for Interactive Media	3
___	ENGL 205	Bible as Literature	3
___	ENGL 215	U.S. Latino and Latina Literature	3
___	ENGL 217	Literature by Women	3
___	ENGL 227	Intro to Poetry	3
___	ENGL 230	Intro to Fiction	3
___	ENGL 231	American Prose	3
___	ENGL 232	Children's Literature	3
___	ENGL 235	Drama as Literature	3
___	ENGL 236	British Literature I	3
___	ENGL 237	British Literature II	3
___	ENGL 243	Literature of Sci Fiction	3
___	ENGL 250	World Masterpieces	3
___	ENGL 254	Masterpieces of Cinema	3
___	ENGL 256	American Poetry	3
___	HIST 120	Local and Kansas History	3
___	HIST 125	Western Civilization I	3
___	HIST 126	Western Civilization II	3
___	HIST 128	Medieval History	3
___	HIST 129	Early Modern Europe	3
___	HIST 130	European Hist since 1789	3
___	HIST 132	History of Africa	3
___	HIST 135	Eastern Civilization	3
___	HIST 137	African American Studies	3
___	HIST 140	U.S. History to 1877	3
___	HIST 141	U.S. History from 1877	3
___	HIST/HUM/REL150	Islam: Religion and Civilization	3
___	HIST 151	World History I	3
___	HIST 152	World History II	3
___	HIST 160	Modern Russian History	3
___	HIST 162	Modern Latin America	3
___	HIST 164	Japan: The Changing Tradition	3
___	HIST 167	Intro to History: Japan	3
___	HIST 195	History of the Middle East	3
___	HUM 122	Introduction to Humanities	3
___	HUM 137	Intro to Russian Culture	3
___	HUM 145	Intro to World Humanities I	3
___	HUM 146	Intro to World Humanities II	3
___	HUM 164	Civilization	3
___	MUS 121	Intro to Music Listening	3
___	MUS 125	Intro to Jazz Listening	3
___	MUS 126	Intro to World Music	3
___	PHIL 121	Introduction to Philosophy	3

___	PHIL 124	Logic and Critical Thinking	3
___	PHIL 142	History of Asian Philosophy	3
___	PHIL 143	Ethics	3
___	PHIL 154	History of Ancient Philosophy	3
___	PHIL 176	Philosophy of Religion	3
___	PHIL 210	History of Modern Philosophy	3
___	REL 120	Exploring World Religions	3
___	REL 125	Religions of the East	3
___	REL 126	Religions of the West	3
___	THEA 120	Introduction to Theater	3
___	THEA 131	Voice and Speech	3

B. Social Sciences (3 hours minimum)

___	ANTH 125	Cultural Anthropology	3
___	ANTH 130	World Cultures	3
___	ANTH 134	Native Americans	3
___	ANTH 142	World Prehistory	3
___	ANTH 150	People and Cultures of Mesoamerica	3
___	ANTH 153	The Anthropology of the Paranormal & Supernatural	3
___	GEOS 145	World Regional Geography	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
___	PSYC 121	Applied Psychology	3
___	PSYC 130	Intro to Psychology	3
___	PSYC 200	Industrial and Organizational Psyc	3
___	PSYC 210	Methodology in Social Science	3
___	PSYC 215	Child Development	3
___	PSYC 218	Human Development	3
___	PSYC 220	Social Psychology	3
___	PSYC 221	Environmental Psychology	3
___	PSYC 230	Personality Theory	3
___	SOC 122	Intro to Sociology	3
___	SOC 125	Social Problems	3
___	SOC 152	Perspectives on Aging	3
___	SOC 165	Chinese Soc: Past and Present	3
___	SOC 131	Marriage and the Family	3
___	SOC 205	Sociology of Food	3
___	WGS 201	Global Women's Studies	3
___	WGS 220	The Many Women of Islam	3

C. Economics (3 hours minimum required)

___	ECON 230	Economics I	3
___	ECON 231	Economics II	3

NOTE: Up to a maximum of 6 hours of foreign language coursework count toward the humanities requirement if student is NOT native speaker of that language.

KU REQUIREMENTS**JCCC EQUIVALENTS**

III. Mathematics/Basic Sciences							
A. Mathematics							
___	MATH 121	Calculus I	5	___	MATH 241	Calculus I	5
___	MATH 122	Calculus II	5	___	MATH 242	Calculus II <u>AND</u>	
				___	MATH 243	Calculus III	10
___	MATH 290	Elementary Linear Algebra	2	___	MATH 246	Elementary Linear Algebra	3
___	MATH 220	Applied Differential Equations	3	___	MATH 254	Differential Equations	4
B. Basic Sciences (21 hours minimum)							
	Engineering Physics (8 hours minimum)		8	___	PHYS 220	Engineering Physics I	5
				___	PHYS 221	Engineering Physics II	5
	Chemistry (10 hours minimum)		10	___	CHEM 124/125	Gen Chemistry I/Lab	5
				___	CHEM 131/132	Gen Chemistry II/Lab	5
	An additional basic science course (Does not have to include a lab.)		3	___	BIOL 122	Principles of Biology	3
				___	BIOL 130	Environmental Science	3
				___	BIOL 135	Principles of Cell and Molecular Biology	4
				___	GEOS 130	General Geology	5
IV. Engineering Sciences (39 hours)							
CE	201	Statics	2	___	ENGR 251	Statics	3
CE	300	Dynamics	3	___	ENGR 254	Dynamics	3
CE	240	Surveying	3	___	ENGR 180	Engr Land Surveying I	3

NOTE: All JCCC credit may be applied for credit at KU, but students with more than 65 credits from JCCC will not be considered for distinction/highest distinction at graduation.