



The aerospace engineering discipline involves the design, production, operation, and support of aircraft and spacecraft. Aerospace engineers solve problems, design aircraft and spacecraft, conduct research, and improve processes for the aerospace industry.

- Admission to The University of Kansas is required, along with the following, for admission to the KU School of Engineering as a transfer student:
 1. 2.5+ cumulative college GPA
 2. "C" or better in MATH 125 Calculus I, or its direct equivalent (MATH 241 Calculus I* at JCCC)
 3. "C" or better in all math, science and engineering coursework
- Application deadline for the School of Engineering is May 1 for summer and fall: December 1 for spring.
- Admission is selective. Meeting minimum requirements does not guarantee admission.
- Timely completion of prerequisite courses is imperative due to tight sequencing of major courses. Consult KU catalog and seek KU advising early.
- The B.S. in Aerospace Engineering is an ABET accredited program.
- A total of 129 credit hours is required for the B.S. in Aerospace Engineering.
- Sixty-four credits may be transferred to KU from community colleges. The last 30 hours of course work must be completed at KU. A minimum of 45 upper-level hours must be completed at KU.
- Transfer students will have their applications to the School of Engineering evaluated on a case-by- case basis and must have a minimum GPA of 2.5 to be considered.
- Transfer credits must have a grade of "C" or higher to be applied toward the degree.
- Pass/Fail policy: not allowed for any courses in Aerospace major.

KU Core Requirements The KU Core comprises three general education goals and three advanced education goals. The general education goals are best met early in a student's career. The advanced education goals are most appropriately acquired using the foundation of knowledge gained from the general education goals and progression through the major. Courses can be used to satisfy one Core goal at a time, but may satisfy a major requirement and a core goal. To learn more about courses that satisfy the KU Core visit:

<https://credittransfer.ku.edu/>

It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate up to date information about the program, it is imperative you meet with an advisor at the transfer institution.

Program Requirements

KU Courses	Hrs	JCCC Courses	Hrs	KU Core
KU Core				
ENGL 101 Composition	3	ENGL 121 Composition I*	3	GE 2.1
ENGL 102 Critical Reading and Writing	3	ENGL 122 Composition II*	3	GE 2.1
ECON 104 Introductory Economics OR ECON 144 Principles of Macroeconomics OR ECON 142 Principles of Microeconomics	3	ECON 132 Survey of Economics OR ECON 230 Principles of Macroeconomics OR ECON 231 Principles of Microeconomics	3	GE 3S
KU Core Goal GE 3H Humanities	3	Click below for Goal GE 3H	3	GE 3H
KU Core Goal AE 4.1 Human Diversity	3	Click below for Goal AE 4.1	3	AE 4.1
KU Core Goal AE 4.2 Global Awareness	3	Click below for Goal AE 4.2	3	AE 4.2
Mathematics				
MATH 125 Calculus I	4	MATH 241 Calculus I*	5	GE 1.2
MATH 126 Calculus II	4	MATH 242 Calculus II*	5	N/A
MATH 127 Calculus III	4	MATH 243 Calculus III*	5	N/A
MATH 220 Applied Differential Equations	3	MATH 254 Differential Equations*	4	N/A
MATH 290 Elementary Linear Algebra	2	MATH 246 Elementary Linear Algebra*	3	N/A
Science Courses				
CHEM 150 Chemistry for Engineers	5	CHEM 124/125 General Chemistry I*/Lab* AND CHEM 131/132 General Chemistry II*/Lab*	4/1 4/1	GE 3N
PHSX 210 [^] /216 General Physics I/Lab	3/1	PHYS 220 Engineering Physics I*, [^]	5	GE 1.1
PHSX 212/236 General Physics II/ Lab	3/1	PHYS 221 Engineering Physics II*	5	N/A
Aerospace Engineering Courses and Technical Electives – will be taken at KU.				
Engineering Science Courses				
CE 260 Statics & Dynamics ^{^^}	5	ENGR 251 Statics* AND ENGR 254 Dynamics*	3 3	N/A
Additional required courses will be taken at KU.				

*JCCC course has a prerequisite or corequisite.

[^]PHSX 211 (PHYS 220 at JCCC) satisfies the PHSX 210 requirement for Engineering at KU

^{^^}CE 201 **AND** CE 250 (ENGR 251 **AND** ENGR 254 at JCCC) satisfies the CE 260 requirement for Engineering at KU

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