

Civil Engineering, BS

Kansas State University

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| Johnson County Community College Transfer Program to the Kansas State University | College of Engineering Student Services |
| College of Engineering | 785-532-5592 |
| Civil Engineering (BS) | engineering@k-state.edu |
| Academic Year 2025-2026 | engg.ksu.edu/academics/undergraduate/ |

Program Description

- **Civil engineering** is the design, construction and maintenance of facilities and systems for the general public or private sector. The civil engineering department offers seven tracks within the bachelor's in civil engineering degree: general, construction, environmental, geotechnical, structures, transportation and materials, and water resources.

Admission Requirements

- **Admissions** - Applicants must first be admitted to Kansas State University either as an incoming freshman or a transfer student. To apply for admission to Kansas State University, complete an application (<https://www.k-state.edu/admissions/>) online at and have official transcripts from all previous colleges sent directly to the Office of Admissions, Kansas State University, 119 Anderson Hall, Manhattan, KS, 66505-0102, or faxed to 785-532-6393 or emailed via electronic transcript service to Office of Admissions (<https://catalog.jccc.edu/transfer-guides/k-state/k-state-civil-engineering/k-state@k-state.edu>) for review. For students transferring to K-State with fewer than 24 credit hours, please also send final high school transcript and ACT or SAT scores. Admission to the College of Engineering (<https://engg.k-state.edu/academics/admissions/>) is selective. Declaration of the desired curriculum in the College of Engineering does not guarantee admission into the degree program selected. Visit the College of Engineering for current admission information.
- Students not admitted to the College of Engineering can enter the university Exploratory Studies program or another available college/degree program. These students can still apply to enter the College of Engineering at a later date after they have completed one full-time semester at K-State as an internal transfer student.
- **Grade requirements** - In addition to the university standards and policies for grades, the College of Engineering has the following standards:
- **Curricula grades** - Visit the individual engineering department sections of the K-State Undergraduate Catalog (<https://catalog.k-state.edu/>) for the grade requirements for their curriculum and degree. All courses applied to degree requirements require a letter grade except for 0 credit hour assembly courses.
- **DirectLink** - an initiative between Kansas community colleges and Kansas State University to provide future transfer students with support as they prepare to make the transition to K-State. Visit DirectLink (<https://apply2.ksu.edu/register/directlink/>) to register.
- **Transferability of Courses** - Many of the fundamental courses required for a degree in engineering may be obtained through pre-engineering programs at other four-year institutions or at community colleges. However, there are differences among the curricula; students electing this route should work closely with their pre-engineering advisors. **Students should be aware that no more than seventy-five hours may be transferred as credit from a community college, at least 30 credit hours must be K-State credit hours, and 15 of the last 30 must be K-State credit hours.** Only courses with a grade of A, B or C will be applicable toward engineering degree requirements.
- **The Cr and D grades are not acceptable for transfer into College of Engineering programs.**
- Some K-State courses in the curriculum do not have an equivalent course at all other institutions. Visit the K-State Undergraduate Catalog (<https://catalog.k-state.edu/>) for details and lists of courses. To learn more about academic credit for prior learning and advanced credit, please visit K-State Advanced Standing (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/policies-requirements/advanced-standing-credit/>) credit options.
- To determine which courses at a particular college or university will substitute for courses at K-State, visit Transfer Equivalency (<https://go.k-state.edu/equiv/>) on the K-State website.
- Students transferring to KSU, that complete the General Education requirements required for the Associate of Arts (AA) (<https://catalog.jccc.edu/archives/2025-26/degree-requirements/associate-arts/>), Associate of Fine Arts (AFA) (<https://catalog.jccc.edu/archives/2025-26/degree-requirements/associate-fine-arts/>) or Associate of Science (AS) (<https://catalog.jccc.edu/archives/2025-26/degree-requirements/associate-science/>) degree from JCCC will be considered to have satisfied KSU's core general education curriculum.
- Students who transfer to KSU, without completing the General Education requirements required for the Associate of Arts (AA) (<https://catalog.jccc.edu/archives/2025-26/degree-requirements/associate-arts/>), Associate of Fine Arts (AFA) (<https://catalog.jccc.edu/archives/2025-26/degree-requirements/associate-fine-arts/>) or Associate of Science (AS) (<https://catalog.jccc.edu/archives/2025-26/degree-requirements/associate-science/>) degree will have courses evaluated on a course-by-course basis toward meeting KSU requirements. To learn more about courses that satisfy KSU Core Requirements (<https://catalog.k-state.edu/content.php?catoid=60&navoid=12133>) and KSU Transfer Equivalency Tool (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/course-search.html>).
- Visit the KSU Core General Education Guide (<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fnextcatalog.jccc.edu%2Ftransfer-guides%2Fk-state%2Fk-state-general-education&data=05%7C02%7Cskhalif2%40jccc.edu%7C3bbbe8fc84564328cf7008de1320415e%7C15244239dcf245e7aefd127b69fc5438%7C1%7C0%7C638969226426376370%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUuIlYiOiIlwLjAuMDAwMCIslIAiOiJXaW4zMilslkFOLjoiTWFpbCIsIlldUljoyfQ%3D%3D%7C0%7C%7C%7C&sdata=p6L6HF0HBp3aL3uFUWnztw8qzBp%2FiSMV2qIS%2FvLwxE%3D&reserved=0>) for JCCC equivalents.

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 information about the program, you must meet with an advisor at the transfer institution.

Program Requirements

Civil Engineering (CE) (B.S.) (<https://catalog.k-state.edu/content.php?catoid=62&navoid=12511>) **128 hours required for the K-State B.S. degree**

The curriculum for this major assumes students enter college prepared to take Calculus.

K-State Core Requirements

| Course Code Code | Course Title Title | Course Hours Hours | Transfer Code Hours | Transfer Title | Transfer Hours |
|--|---------------------------|-----------------------|------------------------|-----------------------------|----------------|
| K-State Core | | | | | |
| English (two courses) | | 6 | | | |
| Visit the K State Core English (https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/) for JCCC equivalents | | | | | |
| Communications | | 3 | | | |
| Visit the K State Core Communications (https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/) for JCCC equivalents | | | | | |
| Math and Statistics | | 5 | | | |
| MATH 241 | Calculus I* | 5 | MATH 220 | Analytic Geometry Calc I | 4 |
| Natural and Physical Sciences | | 5 | | | |
| PHYS 220 | Engineering Physics I* | 5 | PHYS 213 | Engineering Physics I | 5 |
| Social and Behavioral Sciences (Select two courses in two subject areas) | | 6 | | | |
| Visit the K State Core Social and Behavioral Sciences (https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/) for JCCC equivalents | | | | | |
| Arts and Humanities (Select two courses in two subject areas) | | 6 | | | |
| Visit the K State Core Arts and Humanities (https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/) for JCCC equivalents | | | | | |
| Free Electives (Any 100 or 200 level courses may apply) | | 6 | | | |
| Visit the K State Core Free Elective Institutionally Designated Area (https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/) for JCCC equivalents. | | | | | |

Program Requirements

| Course Code Code | Course Title Title | Course Hours | Transfer Code Hours | Transfer Title | Transfer Hours |
|------------------------|---|--------------|------------------------|----------------|----------------|
| CHEM 124 & CHEM 125 | General Chemistry I Lecture* and General Chemistry I Lab* | 4 | CHM 210 | Chemistry I | 4 |



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| ENGR 121 | Engineering Orientation | 2 | DEN 160 & DEN 161 | Engineering Orientation and Engineering Problem Solving | 2 |
| ENGR 251 | Statics* | 3 | CE 333 | Statics | 3 |
| ENGR 254 | Dynamics* | 3 | ME 512 | Dynamics | 3 |
| GEOS 130 | General Geology | 5 | GEOL 100 | Earth in Action | 3 |
| MATH 242 | Calculus II* | 5 | MATH 221 | Analytic Geometry Calc II | 4 |
| MATH 254 | Differential Equations* | 4 | MATH 340 | Elementary Differential Equatn | 4 |
| Select one of the following: | | | | | |
| CHEM 131 & CHEM 132 | General Chemistry II Lecture* and General Chemistry II Lab* | 4 | CHM 230 | Chemistry II | 4 |
| MATH 243 | Calculus III* | 5 | MATH 222 | Analytic Geometry Calc III | 4 |
| PHYS 221 | Engineering Physics II* | 5 | PHYS 214 | Engineering Physics II | 5 |

* JCCC course has a prerequisite or corequisite.

Last Approved Tue Jan 27 15:00:17 2026