COLLEGE of ENGINEERING
KANSAS CITY KANSAS
COMMUNITY COLLEGE
2019-2020 Transfer Guide

It is the policy of Wichita State University (WSU) to accept all credits – with the exception of remedial coursework – earned at a post-secondary institution accredited by one of the U.S. regional accrediting agencies. Each academic college or department within WSU determines how those credits apply toward a particular degree program. Sometimes there can be a significant difference between what transfers and what counts toward a degree, especially if the courses are vocational in nature.

FOUNDATION COURSES
(must complete all three courses with a grade of C- or better - for at least 9 credit hours)
• ENGL 0101 Composition I
• ENGL 0102 Composition II
• SPCH 0151 Public Speaking

INTRODUCTORY FINE ARTS
(complete one course - for at least 3 credit hours)
• ARTS 0101 Art Appreciation
• ARTS 0102 Art History I
• ARTS 0103 Art History II
• ARTS 0263 Ceramics III
• MUSC 0101 Music Appreciation
• THTR 0101 Theatre Appreciation
• THTR 0112 Dance History

INTRODUCTORY HUMANITIES
(complete one course - for at least 3 credit hours except Computer Science (CS) – see page 2)
ENGL
• ENGL 0104 Intro to Literature
• ENGL 0220 American Indian Lit
FREN
• LANG 0203 French III

INTRODUCTORY SOCIAL & BEHAVIORAL SCIENCES
(complete two courses - one in each of two subject areas - for at least 6 credit hours)
ANTH
• ANTH 0100 General Anthropology
• ANTH 0101 Intro to Cultural Anth
• ANTH 0105 Archaeology
CJ
• CRJS 0101 Intro to Criminal Justice
COMM
• JOUR 0175 Intro to Mass Communications
ECON
• ECON 0201 Principles of Macroeconomics
GEOG
• GEOG 0101 Intro to Cultural Geography
POLS
• POSC 0101 Intro to Political Science
• POSC 0102 International Relations/Foreign Policy
• POSC 0111 American Government
PSY
• PSYC 0101 Psychology
SOC
• SOSC 0107 Sociology
SCWK
• SOSC 0210 Intro to Social Work
• SOSC 0215 Intro to Human Service

FURTHER STUDY and ISSUES & PERSPECTIVES
One Further Study course in Humanities or Social & Behavioral Sciences (may not take further study in Philosophy, Fine Arts or Mathematics and Natural Sciences) AND one Issues & Perspectives (I&P) course (for at least 6 credit hrs)

FURTHER STUDY HUMANITIES
COMM
• SPCH 0201 Interpersonal Communication
• SPCH 0283 Oral Interpretation of Literature
ENGL
• ENGL 0105 Early World Literature
• ENGL 0106 Modern World Lit
• ENGL 0109 Intro to Fiction
• ENGL 0132 Science Fiction
• ENGL 0133 Women in Literature
• ENGL 0136 Short Story
• ENGL 0140 Detective Fiction
• ENGL 0210 Early American Lit
• ENGL 0211 Modern American Lit
• ENGL 0212 Drama as Literature: Early to Modern
• ENGL 0214 Afro-American Lit
• ENGL 0217 Early English Literature
• ENGL 0218 Modern English Lit
GERM
• LANG 0223 German III
• LANG 0224 German IV

HIST
• HIST 0109 The Bible as History
• HIST 0122 History of Kansas

FURTHER STUDY SOCIAL & BEHAVIORAL SCIENCES

ECON
• ECON 0202 Principles of Microeconomics

ETHS
• SOSC 0109 Diversity Studies

POLS
• POSC 0112 State & Local Government

PSY
• PSYC 0202 Child Development
• PSYC 0203 Human Development
• PSYC 0204 Personality
• PSYC 0214 Social Psychology

SOC
• CRJS 0116 Juvenile Delinquency & Justice
• SOSC 0108 Sociology of the Family
• SOSC 0207 Urban Sociology
• SOSC 0209 Social Problems

ISSUES & PERSPECTIVES
• All engineering majors will take PHIL 385 Engineering Ethics at WSU, except for CS, CE and ET.
• Cybersecurity majors will take PHIL 354 Ethics and Computers at WSU.

ENGINEERING MAJORS:
• Aerospace Engineering (AE)
• Biomedical Engineering (BME)
• Computer Engineering (CE)
• Computer Science (CS)
• Electrical Engineering (EE)
• Industrial Engineering (IE)
• Product Design & Manufacturing Engineering (IME)
• Mechanical Engineering (ME)
• Engineering Technology (ET)
• Engineering Technology Management
• Civil Engineering Technology
• Cybersecurity
• Mechatronics Technology

MATH & NATURAL SCIENCES - ALL ENGINEERING MAJORS:
• CHEM 0111 College Chem I (LAB) (except CS and CE)
• MATH 0122 Calculus & Analytic Geometry I
• MATH 0123 Calculus & Analytic Geometry II
• MATH 0224 Calculus & Analytic Geometry III (ONLY ME, AE and EE)
• MATH 0227 Differential Equations (except CS, IE and ET)
• NASC 0245 Engineering Physics I (LAB) (except ET)
• NASC 0246 Engineering Physics II (LAB) (except ET)

NATURAL SCIENCES ELECTIVE - ONLY Aerospace, Industrial & Mechanical Engineering majors:
(complete one course in BIOL, CHEM, GEOL or PHYS – lab required)

BIOL
• BIOL 0131 Environmental Science
• BIOL 0135 Principles of Cell & Molecular Biology (LAB)
• BIOL 0143 Human Anatomy & Physiology (LAB)
• BIOL 0225 Diversity of Organisms (LAB)

CHEM
• CHEM 0112 College Chem II (LAB)
• CHEM 0211 Organic Chem I AND CHEM 0213 Organic Chem I (LAB)

GEOL
• BIOL 0155 Environmental Geology AND BIOL 0156 Environmental Geology (LAB)
• NASC 0175 Intro Meteorology (LAB)

PHYS
• NASC 0107 Intro to Astronomy AND NASC 0108 Intro to Astronomy (LAB)

OTHER COURSES BY MAJOR:
Aerospace Engineering (AE):
• NASC 0248 Statics
• NASC 0249 Dynamics

Biomedical Engineering (BME):
• BIOL 0143 Human Anatomy & Physiology (LAB)
• CHEM 0112 College Chem II (LAB)
• NASC 0248 Statics

Computer Engineering (CE):
• Major courses at WSU

Computer Science (CS):
• Computer Science majors choose PHIL 0105 Logic (minimum grade of C or better). PHIL 0105 will also satisfy the general education humanities requirement.

Electrical Engineering (EE):
• NASC 0248 Statics

Industrial Engineering (IE):
• Major courses at WSU

Product Design & Manufacturing Engineering (IME):
• NASC 0248 Statics
Mechanical Engineering (ME):
- NASC 0248 Statics
- NASC 0249 Dynamics

Engineering Technology (ET):
- BUSN 0101 Accounting I AND
  BUSN 0102 Accounting II
  (Engineering Technology Management ONLY)
- BUSN 0113 Marketing (Engineering Technology Management ONLY)
- NASC 0231 General Physics I (LAB)

Transfer Students Should Remember

- 60 hours minimum must be completed at a 4-year institution.
- 45 hours of upper division coursework must be completed at a 4-year institution.
- 30 hours minimum must be completed at WSU to earn a degree from WSU.
- 24 of the last 30 or 50 of the last 60 hours must be completed at WSU to earn a degree from WSU.

To graduate from an engineering program, a candidate must attain 2.0 grade point average (GPA) in each of the following categories:
- all college and university work attempted (cumulative GPA)
- all work attempted at WSU-WSU GPA
- all work in the student's major at WSU including Engineer of 2020 requirements.

Most engineering courses have prerequisites and/or co-requisites; the prerequisite course must have been completed before a course can be taken, and the co-requisite must have been taken prior to or to be taken concurrently with the required course sequence.

Specific engineering courses for each major will be provided during student advising.

For more information, go to:
wichita.edu/engineering

or
Contact: Dual Advisor
wichita.edu/engadvising
Or at
(316) 978-3400