**COLLEGE of ENGINEERING**  
**KANSAS CITY KANSAS COMMUNITY COLLEGE  2018-2019 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
- 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 0104 Intro to Literature
- ENGL 0220 American Indian Lit
- LANG 0203 French III
- LANG 0204 French IV

### INTRODUCTORY SOCIAL & BEHAVIORAL SCIENCES
(complete two courses - one in each of two subject areas - for at least 6 credit hours)
- ANTH 0100 General Anthropology
- ANTH 0101 Intro to Cultural Anth
- ANTH 0105 Archaeology
- CJ 0101 Intro to Criminal Justice

### INTRODUCTORY FINE ARTS

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### HIST
- HIST 0104 U S to 1877
- HIST 0105 U S Since 1877
- HIST 0115 World Civilization I
- HIST 0116 World Civilization II
- HIST 0204 Western Civilization I
- HIST 0205 Western Civilization II

### HUMN
- HUMN 0101 Arts & Culture of the Early World
- HUMN 0102 Arts & Culture of the Modern World
- HUMN 0200 Foundations of Film & Theater

### PHIL
- PHIL 0103 Intro to Philosophy
- PHIL 0105 Logic
- PHIL 0206 Ethics
- PHIL 0207 Philosophical Foundations in Health Care Ethics

### REL
- HUMN 0207 Comparative World Religions

### SPAN
- LANG 0243 Spanish III
- LANG 0244 Spanish IV

### WOMS
- HUMN 0150 Intro to Women’s Studies

### 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

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<td>SPCH 0201 Interpersonal Communication</td>
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<td>SPCH 0283 Oral Interpretation of Literature</td>
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### 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 (BIOME)
• Computer Engineering (CE)
• Computer Science (CS)
• Electrical Engineering (EE)
• Industrial Engineering (IE)
• 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)
• MATH 0122 Calculus & Analytic Geometry I
• MATH 0123 Calculus & Analytic Geometry II
• MATH 0224 Calculus & Analytic Geometry III (except BIOME, CE, CS, and ET)
• NASC 0245 Engineering Physics I
• NASC 1245 Engineering Physics I (LAB) (except ET)
• NASC 0246 Engineering Physics II
• NASC 1246 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 132 Environmental Science (LAB)
• 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
• CHEM 0213 Organic Chem I (LAB)

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

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

OTHER COURSES BY MAJOR:
Aerospace Engineering (AE):
• MATH 0227 Differential Equations
• NASC 0248 Statics
• NASC 0249 Dynamics

Biomedical Engineering (BIOME):
• BIOL 0143 Human Anatomy & Physiology (LAB)
• CHEM 0112 College Chem II (LAB)
• MATH 0227 Differential Equations
• NASC 0248 Statics

Computer Engineering (CE):
• MATH 0227 Differential Equations
• NASC 0248 Statics

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):
• MATH 0227 Differential Equations
• NASC 0248 Statics
Industrial Engineering (IE):
- NASC 0248 Statics

Manufacturing Engineering (IME):
- MATH 0227 Differential Equations
- NASC 0248 Statics

Mechanical Engineering (ME):
- MATH 0227 Differential Equations
- 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 AND
  NASC 1231 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:
www.wichita.edu/engineering

or
Contact: Norman Bent
Dual Advisor
Norman.Bent@wichita.edu

Or at
(316) 978-6460