COLLEGE of ENGINEERING
GARDEN CITY
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 101 English I
• ENGL 102 English II
• SPCH 111 Public Speaking I

INTRODUCTORY FINE ARTS
(complete one course - for at least 3 credit hours)
• ARTS 1113 Ceramics
• ARTS 120 Art Appreciation
• ARTS 121 Art History I
• MUSC 108 Music History & Appreciation
• DRAM 150 Intro to Theatre

INTRODUCTORY HUMANITIES
(complete one course - for at least 3 credit hours except Computer Science (CS) – see page 2)
ENGL
• LITR 210 Intro to Literature
• LITR 253 World Literature & the Human Experience
• LITR 254 Mythology & Folklore
• LITR 255 Young Adult Literature

HIST
• HIST 101 Survey of Civilization I
• HIST 102 Survey of Civilization II
• HIST 103 American History to 1865
• HIST 104 American Hist since 1865

PHIL
• PHIL 101 Intro to Philosophy
• PHIL 102 Elementary Ethics

REL
• LITR 230 Understanding the Old Testament
• LITR 231 Understanding the New Testament

INTRODUCTORY SOCIAL & BEHAVIORAL SCIENCES
(complete two courses - one in each of two subject areas - for at least 6 credit hours)
ANTH
• SOCI 105 Intro to Anthropology

CJ
• CRIM 101 Intro to Criminal Justice

COMM
• JRNL 110 Media in Free Society

ECON
• ECON 111 Prin of Econ: MACRO
• ECON 112 Prin of Econ: MICRO

GEOG
• GEOG 101 World Geography

POLS
• POLS 105 American Government

PSY
• PSYC 101 General Psychology

SOC
• SOCI 102 Intro to Sociology

SCWK
• SOCI 210 Intro to Social Work

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 113 Interpersonal Comm I
ENGL
• LITR 212 English Literature I
• LITR 213 English Literature II
• LITR 215 American Literature I
• LITR 216 American Literature II

FURTHER STUDY SOCIAL & BEHAVIORAL SCIENCES
CJ
• CRIM 108 Juvenile Delinquency & Justice

ECON
• ECON 112 Prin of Econ: MICRO

PSY
• EDUC 110 Developmental Psychology
• HPER 107 Substance Abuse
• PSYC 104 Social Psychology

SOC
• SOCI 113 Sociology of Families
• SOCI 204 Social Problems

ISSUES & PERSPECTIVES
All engineering majors will take PHIL 385 Eng. 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 (PDME)
• Mechanical Engineering (ME)
• Engineering Technology (ET)

Concentrations:
• Engineering Technology Management
• Civil Engineering Technology
• Cybersecurity
• Mechatronics Technology
MATH & NATURAL SCIENCES - ALL ENGINEERING MAJORS:
- CHEM 109 College Chem I (LAB) (except CS and CE)
- MATH 122 Calculus & Analytical Geometry I
- MATH 123 Calculus & Analytical Geometry II
- MATH 205 Calculus & Analytical Geometry III (ONLY ME, AE and EE)
- PHYS 207 Engineering Physics I (LAB) (except ET)
- PHYS 208 Engineering Physics II (LAB) (except ET)

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

BIOL
- BIOL 105 Principles of Biology (LAB)
- BIOL 210 Anat & Phys (LAB)
- BIOL 211 Anatomy & Physiology I AND BIOL 212 Anat & Phys II (LAB)

CHEM
- CHEM 110 College Chemistry II & Qualitative Analysis (LAB)
- CHEM 206 Organic Chem I (LAB)

GEOL
- PHSC 205 Physical Geology (LAB)

OTHER COURSES BY MAJOR:
Aerospace Engineering (AE):
- Major courses at WSU

Biomedical Engineering (BME):
- BIOL 210 Anatomy & Physiology (LAB) (or) BIOL 211 Anatomy & Physiology I AND BIOL 212 Anatomy & Physiology II (LAB)
- CHEM 110 College Chemistry II & Qualitative Analysis (LAB)

Computer Engineering (CE):
- Major courses at WSU

Computer Science (CS):
- Computer Science majors choose PHIL 103 Logic: Intro to Clear Thinking (minimum grade of C or better). PHIL 103 will also satisfy the general education humanities requirement.

Electrical Engineering (EE):
- Major courses at WSU

Industrial Engineering (IE):
- Major courses at WSU

Product Design & Manufacturing Engineering (PDME):
- Major courses at WSU

Mechanical Engineering (ME):
- Major courses at WSU

Engineering Technology (ET):
- ACCT 102 Accounting I AND ACCT 103 Accounting II (ONLY for Engineering Technology Management)
- BSAD 123 Marketing (ONLY for Engineering Technology Management)
- PHYS 205 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: Dual Advisor wichita.edu/engadvising
Or at (316) 978-3400