COLLEGE of ENGINEERING
FORT SCOTT
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)
• ENG 1013 English 101
• ENG 1023 English 102
• SPE 1093 Public Speaking

INTRODUCTORY FINE ARTS
(complete one course - for at least 3 credit hours)
• ART 1053 Art Appreciation
• ART 1743 Art History I
• ART 1753 Art History II
• ART 2063 Ceramics I AND ART 2073 Ceramics II
• MUS 1213 Music Appreciation
• DRA 1313 Theatre Appreciation

INTRODUCTORY HUMANITIES
(complete one course - for at least 3 credit hours except Computer Science (CS) – see page 2)
• ENG 2293 General Literature

HIST
• HIS 1013 US History 101
• HIS 1023 US History 102
• HIS 2013 History of Civilization I
• HIS 2023 History of Civilization II

PHIL
• PHI 1113 Philosophy of Life

REL
• REL 1093 The Religions of Mankind

WOMS
• SOC 2253 Intro to Women in Society

INTRODUCTORY SOCIAL & BEHAVIORAL SCIENCES
(complete two courses - one in each of two subject areas - for at least 6 credit hours)
• ANTH
• SOC 1113 Cultural Anthropology
• CJ
• CRJ 1013 Intro to Criminal Justice

ECON
• ECO 2023 Macroeconomics

GEOG
• GEO 1023 World Regional Geography

POLS
• POL 1013 American Government
• POL 1213 Current World Affairs

PSY
• PSY 1013 General Psychology

SOC
• SOC 1013 Sociology

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
• SPE 2013 Interpersonal Communication

ENGL
• ENG 2013 American Literature I
• ENG 2023 American Literature II
• HIS 2313 Kansas History
• HIS 2613 The American West

FURTHER STUDY SOCIAL & BEHAVIORAL SCIENCES
• ECO 1013 Microeconomics

POLS
• POL 1023 State & Local Government

PSY
• PSY 1023 Psychology of the Human Lifespan

SOC
• SOC 1023 Social Problems
• SOC 2223 Marriage & the Family

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 (PDME)
• Mechanical Engineering (ME)
• Engineering Technology (ET) Concentrations:
  • Engineering Technology Management
  • Civil Engineering Technology
  • Cybersecurity
  • Mechatronics Technology
MATH & NATURAL SCIENCES - ALL ENGINEERING MAJORS:
- CHE 1015 General Chem I (LAB) (except CS and CE)
- MAT 1015 Calculus w/Analytic Geometry I
- MAT 1025 Calculus w/Analytic Geometry II
- MAT 2033 Calculus III (ONLY ME, AE and EE)
- PHS 2015 College Physics I (LAB) (except ET)
- PHS 2025 College Physics II w/ Calculus (LAB) (except ET)

NATURAL SCIENCES ELECTIVE - ONLY Aerospace, Industrial & Mechanical Engineering majors: (complete one course in BIOL or CHEM – lab required)
- BIOL
  - BIO 1225 Prin of Biology I (LAB)
  - BIO 1235 Prin of Biology II (LAB)
  - BIO 1255 Anatomy & Phys (LAB)
- CHEM
  - CHE 1025 General Chem II (LAB)
  - CHE 2035 General Organic Chemistry (LAB)

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

Biomedical Engineering (BME):
- BIO 1225 Prin of Biology I (LAB)
- BIO 1255 Anatomy & Phys (LAB)
- CHE 1025 General Chem II (LAB)

Computer Engineering (CE):
- COM 2403 C++ Programming

Computer Science (CS):
- Computer Science majors will take PHIL 125 Introduction to Logic or PHIL 105 Critical Reasoning at WSU (minimum grade of C or better). PHIL 125 or PHIL 105 will also satisfy the general education humanities requirement.
- COM 2403 C++ Programming

Electrical Engineering (EE):
- COM 2403 C++ Programming

Industrial Engineering (IE):
- COM 2403 C++ Programming

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

Mechanical Engineering (ME):
- Major courses at WSU

Engineering Technology (ET):
- BUS 1293 Introduction to Marketing (Management ONLY)
- BUS 2013 Financial Accounting (Management ONLY)
- COM 2403 C++ Programming
- PHS 2065 College Physics I Non-Calculus (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.

For more information, go to:
wichita.edu/engineering
or
Contact: Dual Advisor
wichita.edu/engadvising
Or at
(316) 978-3400

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.

This Transfer Guide is for information only and is not a contract. Courses/requirements subject to change. Produced March 2019