# Recommended Transfer Courses

## College of Engineering

### Fort Scott 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

- **CENG 1013** English 101 or **CENG 1015** English 101 w/ Review
- **CENG 1023** English 102
- **CENG 1093** Public Speaking

### Introductory Fine Arts

- **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

- **ENGL 2293** General Literature

### Introductory Social & Behavioral Sciences

- **HIST 1013** US History 101
- **HIST 1023** US History 102
- **HIST 2013** History of Civilization I
- **HIST 2023** History of Civilization II

### Foundation Courses

- **PHIL 1113** Philosophy of Life
- **REL 1093** The Religions of Mankind
- **WOMS 2253** Intro to Women in Society

### Introductory Social & Behavioral Sciences

- **ANTH 1113** Cultural Anthropology
- **CRJ 1013** Intro to Criminal Justice
- **JOU 2513** Intro to Mass Comm
- **ECO 2023** Macroeconomics
- **GEOG 1023** World Regional Geography
- **POL 1013** American Government
- **POL 1213** Current World Affairs
- **PSY 1013** General Psychology
- **SOC 1013** Sociology
- **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 (BIOME)
- Computer Engineering (CE)
- Computer Science (CS)
- Electrical Engineering (EE)
- Industrial Engineering (IE)
- Manufacturing Engineering (IME)
- Mechanical Engineering (ME)
- Engineering Technology (ET)
  - Concentrations:
    - Engineering Technology Management
    - Civil Engineering Technology
    - Cybersecurity
    - Mechatronics Technology

---

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

Produced March 2018
MATH & NATURAL SCIENCES - ALL ENGINEERING MAJORS:
- CHE 1015 General Chem I (LAB)
- MAT 1015 Calculus w/Analytic Geometry I
- MAT 1025 Calculus w/Analytic Geometry II
- MAT 2033 Calculus III (except BIOME, CE, CS, ET and IE)
- PHS 2015 College Physics I w/Calculus (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 (BIOME):
- 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

Manufacturing Engineering (IME):
- Major courses at WSU

Mechanical Engineering (ME):
- Major courses at WSU

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

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.

Transfer Students Should Remember
60 hours minimum must be completed at a 4-year institution.

45 hours of upper division course-work must be completed at a 4-year institution.

For more information, go to: www.wichita.edu/engineering
or
Contact: Norman Bent
Dual Advisor
Norman.Bent@wichita.edu
Or at (316) 978-6460