COLLEGE of ENGINEERING
ALLEN 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)
• COL 101 English Composition I
• COL 102 English Composition II
• COM 101 Public Speaking

INTRODUCTORY FINE ARTS
(complete one course - for at least 3 credit hours)
• ART 101 Art Appreciation
• MUS 111 Music Appreciation
• THE 101 Theatre Appreciation

INTRODUCTORY HUMANITIES
(complete one course - for at least 3 credit hours except Computer Science (CS) – see page 2)
ENGL
• COL 130 Intro to Literature
• COL 260 World Literature
HIST
• HIS 108 American History to 1865
• HIS 109 American Hist from 1865
• HIS 121 World History to 1500
• HIS 122 World Hist 1500 to Present

PHIL
• HUM 105 Ethics
• HUM 125 Philosophy
REL
• HUM 130 New Testament
• HUM 131 Old Testament
• HUM 135 World Religions
WOMS
• WGS 200 Intro Women's Studies

INTRODUCTORY SOCIAL & BEHAVIORAL SCIENCES
(complete two courses - one in each of two subject areas - for at least 6 credit hours)
ANTH
• ANT 111 Cultural Anthropology
CJ
• CJS 100 Intro to Criminal Justice
COMM
• COM 201 Mass Comm in Society
ECON
• ECO 208 Macroeconomics
GEOG
• GEO 104 Principles of Geography
POLS
• POL 111 American Government
• POL 225 Intro to Political Science
• POL 250 Intro to International Relations
PSY
• PSY 101 General Psychology
SCWK
• SOC 140 Intro to Social Work

FURTHER STUDY HUMANITIES
COMM
• COM 211 Interpersonal Communication
ENGL
• COL 132 Poetry
• COL 135 Fiction
• COL 211 Early American Literature
• COL 222 Modern American Literature
HIST
• HIS 226 Kansas History

FURTHER STUDY SOCIAL & BEHAVIORAL SCIENCES
CJ
• CJS 242 Intro to Criminology
ECON
• ECO 207 Microeconomics
POLS
• POL 130 State & Local Government
PSY
• APS 101 Substance Abuse Awareness in Addiction & Prevention
• APS 104 Addictions Services
• ECE 101 Early Childhood Growth & Development
• PSY 263 Developmental Psychology
SOC
• PSY 275 Social Psychology
• SOC 121 Marriage & Family Relations
• SOC 205 Contemporary 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 (PDME)
- Mechanical Engineering (ME)
- Engineering Technology (ET)
- Concentrations:
  - Engineering Technology Management
  - Civil Engineering Technology
  - Cybersecurity
  - Mechatronics Technology

MATH & NATURAL SCIENCES - ALL ENGINEERING MAJORS:
- CHE 125 College Chemistry I (LAB) (except CS and CE)
- MAT 123 Calculus w/Analytic Geometry I
- MAT 125 Calculus w/Analytic Geometry II
- MAT 225 Calculus w/Analytic Geometry III (ONLY ME, AE & EE)
- PSC 204 Engineering Physics I (LAB) (except ET)
- PSC 205 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
- BIO 106 Environmental Sci (LAB)
- BIO 150 Biology I (Cellular) (LAB)
- BIO 210 Biology II (Organismal) (LAB)
- BIO 257 Human Anat & Phys (LAB)
- BIO 260 Human Anat & Phys I AND BIO 265 Human Anat & Phys II (LAB)

CHEM
- CHE 136 College Chemistry II (LAB)
- CHE 265 Organic Chemistry I (LAB)

GEOL
- PSC 154 Physical Geology (LAB)

PHYS
- PSC 180 Descriptive Astronomy AND PSC 181 Descriptive Astronomy (Lab)

Engineering Technology (ET):
- BUS 210 Financial Accounting (Engineering Technology Management ONLY)
- BUS 278 Marketing (Engineering Technology Management ONLY)
- CIS 230 C++ Programming I

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

Biomedical Engineering (BME):
- BIO 150 Biology I (Cellular) (LAB)
- BIO 257 Human Anatomy & Physiology (LAB)
- CHE 136 College Chemistry II (LAB)

Computer Engineering (CE):
- CIS 230 C++ Programming I

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.
- CIS 230 C++ Programming I

Electrical Engineering (EE):
- CIS 230 C++ Programming I

Industrial Engineering (IE):
- CIS 230 C++ Programming I

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

Mechanical Engineering (ME):
- Major courses at WSU
**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](http://wichita.edu/engineering)

or

Contact: Dual Advisor [wichita.edu/engadvising](http://wichita.edu/engadvising)

Or at (316) 978-3400