RECOMMENDED TRANSFER COURSES

COLLEGE of ENGINEERING CLOUD COUNTY 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)
• CM 101 English Composition I
• CM 102 English Composition II
• CM 115 Public Speaking

INTRODUCTORY FINE ARTS
(complete one course - for at least 3 credit hours)
• AR 100 Art Appreciation
• AR 110 Ceramics I
• AR 111 Ceramics II
• MU 100 Music Appreciation
• MU 101 American Music
• MU 102 World Music
• MU 103 History of Rock Music
• CM 140 Theatre Appreciation

INTRODUCTORY HUMANITIES
(complete one course - for at least 3 credit hours except Computer Science (CS) – see page 2)
• CM 121 Intro to Literature
• CM 124 World Literature & the Human Experience

HIST
• SS 120 Western Civilization I
• SS 121 Western Civilization II
• SS 122 U S History I
• SS 123 U S History II

PHIL
• PH 100 Intro to Philosophy
• PH 101 Intro to Critical Thinking
• PH 105 Christian Ethics in our Contemporary Society

REL
• RE 104 World Religions

WOMS
• SS 108 Women in American Society

INTRODUCTORY SOCIAL & BEHAVIORAL SCIENCES
(complete two courses - one in each of two subject areas - for at least 6 credit hours)
• ANTH
• SS 125 Intro to Cultural Anthropology
• CJ
• AJ 100 Intro to Criminal Justice
• JN 100 Mass Media in Society
• ECON
• EC 101 Economics I
• GEOG
• GE 101 World Geography
• POLS
• SS 140 US Government: National
• SS 150 Intro to International Relations
• PSY
• SS 101 General Psychology
• REL
• RE 103 Religion in Contemporary America
• SOC
• SS 130 Intro to Sociology
• SCWK
• SS 129 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
• CM 240 Interpersonal Communications

ENGL
• CM 122 American Literature I
• CM 123 American Literature II
• CM 127 The Short Story

HUMN
• HU 201 Humanities I
• HU 202 Humanities II

FURTHER STUDY SOCIAL & BEHAVIORAL SCIENCES
• CJ
• AJ 230 Crime Prevention

ECON
• EC 102 Economics II

POLS
• SS 141 US Government: State & Local

PSY
• SS 103 Social Psychology
• SS 105 Human Growth & Development
• SS 127 Child Psychology

SOC
• SS 106 Marriage & Family
• SS 201 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)
• Manufacturing Engineering (IME)
• Mechanical Engineering (ME)
• Engineering Technology (ET)
Concentrations:
• Engineering Technology Management
• Civil Engineering Technology
• Cybersecurity
• Mechatronics Technology

MATH & NATURAL SCIENCES - ALL ENGINEERING MAJORS:
• MA 120 Analytic Geometry & Calculus I
• MA 121 Analytic Geometry & Calculus II
• MA 122 Analytic Geometry & Calculus III (ONLY ME, AE and EE)
• MA 123 Differential Equations (except CS, IE and ET)
• SC 131 Chemistry I (LAB) (except CS and CE)
• SC 142 University Physics I (LAB) (except ET)
• SC 143 University 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
• SC 110 Principles of Biology I (LAB)
• SC 120 Human Anatomy & Physiology I AND SC 121 Human Anatomy & Physiology II (LAB)
• SC 126 Anatomy & Physiology (LAB)
• SC 151 Principles of Biology II (LAB)

CHEM
• SC 132 Chemistry II (LAB)
• SC 134 Organic Chemistry I (LAB)

GEOL
• SC 104 Geology (LAB)
• SC 107 Meteorology (LAB)

PHYS
• SC 105 General Astronomy (LAB)

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

Biomedical Engineering (BME):
• SC 120 Human Anatomy & Physiology I AND SC 121 Human Anatomy & Physiology II (LAB)
• SC 132 Chemistry II (LAB)

Computer Engineering (CE):
• Major courses at WSU

Computer Science (CS):
• Computer Science majors choose PH 101 Intro to Critical Thinking (minimum grade of C or better). PH 101 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):
• BE 155 Marketing (Engineering Technology Management ONLY)
• BE 161 Accounting I AND BE 162 Accounting II (Engineering Technology Management ONLY)
• SC 140 College 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: wichita.edu/engineering
or Contact: Dual Advisor wichita.edu/engadvising
Or at (316) 978-3400