COLLEGE of ENGINEERING
SEWARD COUNTY
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
(must complete all three courses with a grade of C- or better - for at least 9 credit hours)
- EG 1103 English Composition I
- EG 1113 English Composition II
- SP 1203 Public Speaking

INTRODUCTORY FINE ARTS
(complete one course - for at least 3 credit hours)
- AR 1303 Ceramics I
- AR 1313 Ceramics II
- AR 1323 Art Appreciation
- AR 1703 Survey of Art History I
- AR 1713 Survey of Art History II
- MU 1203 Music Appreciation
- MU 2002 Music Literature I
- DR 2203 Theater Appreciation

INTRODUCTORY HUMANITIES
(complete one course - for at least 3 credit hours except Computer Science (CS) – see page 2)
- EG 1303 Intro to Literature

HIST
- HS 1303 American Hist I 1492-1877
- HS 1313 American Hist II 1877-Pres
- HS 1503 Survey Western Civ I
- HS 1603 World Civilization I
- HS 1613 World Civilization II

PHIL
- PH 2103 Intro to Ethics
- PH 2203 Intro to Philosophy

REL
- PH 1303 Intro to the Old Testament
- PH 1313 Intro to the New Testament
- PH 1323 Survey of World Religions

INTRODUCTORY SOCIAL & BEHAVIORAL SCIENCES
(complete two courses - one in each of two subject areas - for at least 6 credit hours)

ANTH
- BH 1613 Cultural Anthropology

CJ
- CJ 1203 Intro to Criminal Justice

COMM
- JN 1603 Intro to Broadcasting

ECON
- EC 2213 Prin of Macroeconomics

GEOG
- GE 1103 World Regional Geography

POLS
- SS 1403 American Nat'l Government

PSY
- BH 1303 General Psychology

SOC
- BH 1403 Principles of 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
- DR 1503 Introduction to Cinema
- SP 1103 Interpersonal Communications

ENGL
- EG 1763 World Literature
- EG 2303 English Literature I
- EG 2313 English Literature II
- EG 2403 American Literature I
- EG 2413 American Literature II

FURTHER STUDY SOCIAL & BEHAVIORAL SCIENCES
- CJ 1803 Criminology
- EC 2223 Prin of Microeconomics
- BH 2303 Developmental Psych
- CJ 2313 Juvenile Justice
- BH 2403 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

MATH & NATURAL SCIENCES - ALL ENGINEERING MAJORS:
- CH 1505 College Chemistry I (LAB)
- MA 2605 Analytic Geometry/Calculus I
- MA 2615 Analytic Geometry/Calculus II
- MA 2625 Calculus III (except BIOME, CE, CS, ET and IE)
- PS 2505 Engr Physics I (LAB) (except ET)
- PS 2515 Engr 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
- BI 1505 Biology I for Majors
- BI 1515 Biology II for Majors (LAB)
- BI 2114 Anatomy & Physiology I
- BI 2124 Anat & Phys II (LAB)
- BI 2115 Anat & Phys (LAB)
- BI 2304 Human Anatomy
- BI 2314 Human Physiology (LAB)

- PS 1323 Environmental Sci AND
- PS 1322 Environmental Sci (LAB) (or) PS 1325 Environmntl Sci (LAB)

- CH 1515 College Chemistry II (LAB)
- CH 2605 Organic Chemistry I (LAB)
- GEOL
- PS 1775 Intro to Geology (LAB)

OTHER COURSES BY MAJOR:
Aerospace Engineering (AE):
- EN 1202 Engineering Graphics I
- EN 122 Engineering Graphics II AND
- EN 12202 Computer Aided Drafting
- MA 2903 Differential Equations

Biomedical Engineering (BIOME):
- BL 1505 Biology I for Majors
- BL 2114 Anatomy & Physiology I
- BL 2124 Anatomy & Physiology II (LAB) (or) BL 2115 Anatomy & Physiology (LAB) (or) BL 2304 Human Anatomy
- BL 2314 Human Physiology (LAB)
- CH 1515 College Chemistry II (LAB)
- MA 2903 Differential Equations

Computer Engineering (CE):
- MA 2903 Differential Equations

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.

Electrical Engineering (EE):
- MA 2903 Differential Equations

Industrial Engineering (IE):
- EN 1202 Engineering Graphics I
- EN 122 Engineering Graphics II AND
- EN 2202 Computer Aided Drafting

Manufacturing Engineering (IME):
- EN 1202 Engineering Graphics I
- EN 2202 Computer Aided Drafting
- MA 2903 Differential Equations

Mechanical Engineering (ME):
- EN 1202 Engineering Graphics I
- EN 2202 Computer Aided Drafting
- MA 2903 Differential Equations

Engineering Technology (ET):
- AC 1203 Accounting I AND
- AC 1203 Accounting II (ONLY for Engineering Technology Management)
- BA 1263 Intro to Marketing (ONLY for Engineering Technology Management)
- EN 2202 Computer Aided Drafting
- PS 2205 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
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