COFFEYVILLE COMMUNITY COLLEGE
WSU COLLEGE OF ENGINEERING
www.wichita.edu/engineering
316-978-3400
wichita.edu/engadvising

To graduate from an engineering program, a candidate must attain
2.0 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 Engineering+
  requirements.

Most engineering courses have
prerequisites and/or co-
requisites; the prerequisite
course must have been completed
before the course requiring it can
be taken, and the co-requisite
must be completed prior to or
taken concurrently with the
required course sequence.

Specific engineering courses for
each major will be provided during
student advising.

NOTE: For purposes of this transfer guide, “Lab”
in the course name or “(L)” after the course name
indicates that the WSU equivalent course carries
the “laboratory” attribute.

General Education
Program at WSU

Effective Fall 2020, with AA/AS
exceptions noted at left, students must
complete 36 credit hours of general
education requirements as part of their
WSU bachelor’s degree.

At least three courses of the 36 credit
hours must be numbered 300 or above.
For all College of Engineering majors
(except ET and AC), 300-level general
education coursework is satisfied by
degree requirements.

One course from the student’s major
area may be used toward general
education requirements.

The 36 credit hours are divided as
follows:
- 12 credit hours: four foundation
courses
- 12 credit hours: one course from
each of the four academic divisions
- 12 credit hours: four courses chosen
  from at least two of the four
  academic divisions. For all College
  of Engineering Majors (except AC, CS,
  ET), three of the four courses will be
  from Mathematics and Natural
  Sciences division.

Coffeyville CC courses approved for
general education credit by the WSU
College of Engineering are shown
below.

Foundation Courses
Must complete all three courses with a
grade of C- or better.
- ENGL 101 English Composition I
  or ENGL 103 English Comp I Hnrs
- ENGL 102 English Composition II
  or ENGL 115 English Comp II Hnrs
- SPCH 111 Public Speaking
  or SPCH 121 Public Speaking Hnrs

Academic Divisions
for General Education

FINE ARTS
- ARTS 140 Art Hist & Appreciation I
- ARTS 141 Art Hist & Appreciation II
- ARTS 250 Ceramics II
- MUSC 122 Music Appreciation
- THTR 160 Theatre Appreciation
- THTR 175 Theatre Apprec Hnrs

HUMANITIES
- ARTS 155 Cinem Trad: Film Genres
- ENGL 190 Intro to Literature
Program-Specific Requirements

**ENGINEERING MAJORS**
- Aerospace Engineering (AE)
- Applied Computing (AC) (optional Cybersecurity focus available)
- 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)

ET Concentrations:
- Civil Engineering Technology (CET)
- Computer Engineering Technology (CE)
- Computer Science Technology (CS)
- Electrical Engineering Technology (EET)
- Industrial Engineering Technology (IET)
- Mechanical Engineering Technology (MET)
- Electrical Engineering Technology (ETM)
- Product Design Technology (PTM)
- Manufacturing Engineering Technology (MET)
- Mechanical Engineering Technology (MET)

**MATH & NATURAL SCIENCES**
Required for all College of Engineering majors.
- CHEM 103 Princ of Chemistry I (L) (except AC, CE, CS)
- MATH 115 Calc/Analytic Geom I*
- MATH 120 Calc/Analytic Geom II*
- MATH 201 Calc/Analytic Geom III (AE, EE, ME only)
- MATH 202 Differential Equations (except AC, CS, ET, IE)
- ENGR 210 Engineering Physics I (L)*
- ENGR 211 Engineering Physics II (L)*

*Except AC

**NATURAL SCIENCES ELECTIVE**
Only AE, ME majors. Complete one course in BIOL, CHEM, GEOL or PHYS. Lab required.

**Biol**
- BIOL 206 Bio I: Cell/Molec Bio (L)
- BIOL 203 Anatomy & Physiology (L)
- BIOL 208 Bio I: Organismic Bio (L)

**Chem**
- CHEM 104 Principles of Chemistry II & Qualitative Analysis (L) (also satisfies IE Nat Sci elective)
- CHEM 201 Org Chem (L) (AE only)
- CHEM 202 Quant Analy (L) (AE only)

**Geol**
- PHYS 120 Physical Geology (L)
- PHYS 121 Historical Geology (L)

**Other courses by major**

- Aerospace Engineering (AE)
  - Major courses at WSU
- Applied Computing (AC)
  - MATH 105 College Algebra
  - MATH 106 Trigonometry
  - PHYS 203 College Physics I
  - PHST 204 College Physics II
  - COMP 162 Compus Conc/Apps

- Biomedical Engineering (BME)
  - BIOL 203 Anatomy & Phys (L)
  - BIOL 206 Bio I: Cell/Molec Bio (L)
  - CHEM 104 Principles of Chemistry II & Qualitative Analysis (L)

- Computer Engineering (CE)
  - Major courses at WSU

- Computer Science (CS)
  - Computer Science majors choose Coffeyville CC's PSYC 101 General Psychology
  - Required for all College of Engineering majors.
  - This course 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

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