

## WSU Transfer Students Should Remember:

### Dual Advising

WSU strongly suggests that potential transfer students involve their WSU advisor in program planning. Sign up for dual advising here: [www.wichita.edu/dualadvising](http://www.wichita.edu/dualadvising).

### Graduation Requirements

To qualify for graduation with a WSU bachelor's degree, transfer students must meet certain requirements such as course credit hours, levels, GPA, and residency. Transfer students should visit the following page to familiarize themselves with all requirements: <http://catalog.wichita.edu/undergraduate/academics/graduation>.

### WSU Transfer Policy – Credit Acceptance

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.

### WSU Transfer Policy – AA/AS Degrees

Students transferring to WSU with an AA or AS degree from a Kansas public community college will be considered to have satisfied WSU's general education curriculum provided that they successfully complete, at WSU (with a grade of C- or better), two general education courses numbered 300 or above. These two courses must be in two separate divisions or subject areas. Students must also complete the WSU or WSU-equivalent Foundation courses listed at right.

## HIGHLAND COMMUNITY COLLEGE

### WSU COLLEGE OF ENGINEERING

[www.wichita.edu/engineering](http://www.wichita.edu/engineering)  
316-978-3400  
[wichita.edu/engadvising](http://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:

- (L) - 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" (LAB) attribute.
- ^ - For the purposes of this transfer guide, the symbol ^ after the course name indicates that the WSU equivalent is a general education course that is level 300 or above.

## 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.

Highland 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.

- ENG 101 Composition I
- ENG 102 Comp II: Lit & Research or ENG 103 Comp II: Rhet & Rsrch
- SP 101 Oral Communications or SP 106 Public Speaking

## Academic Divisions for General Education

### FINE ARTS

- A 101 Art Appreciation
- A 112 Ceramics I
- A 201 Art Hist Surv: Prehist-Mediev
- A 202 Art Hist Surv: Renais-Contemp
- M 103 Music History & Appreciation

- M 146 Musical Theatre History
- M 162 Intro to World Music
- M 223 History of Jazz<sup>^</sup>
- TH 105 Intro to Dramatics
- TH 108 Hist & Apprec of Theatre Art

### HUMANITIES

- ENG 104 Intro to Literature
- ENG 202 Amer Lit: Precolo-Civ War<sup>^</sup>
- ENG 205 Old Testament Literature
- ENG 208 Intro to the Short Story<sup>^</sup>
- ENG 209 Amer Lit-Reconst-Pres<sup>^</sup>
- ENG 210 World Lit-Beg to Renais<sup>^</sup>
- ENG 211 World Lit-Enlight-Pres
- ENG 212 Brit Lit-Mid Age-1800<sup>^</sup>
- ENG 213 British Lit-1800-Pres<sup>^</sup>
- ENG 215 Diverse Voices in Lit
- HIS 101 US History I to 1877
- HIS 102 US History II since 1877
- HIS 103 Hist of Western Civilization I
- HIS 104 Hist of Western Civ II
- LG 201 Spanish III
- PHI 101 Intro to Philosophy
- PHI 102 Intro to Ethics
- PHI 103 Logic & Critical Thinking
- PHI 105 Religions of the World
- SP 103 Oral Interpretation
- SP 105 Interpersonal Comm<sup>^</sup>
- TH 208 Film Appreciation<sup>^</sup>

### SOCIAL AND BEHAVIORAL SCIENCES

- ANT 112 General Anthropology
- BUS 203 Macroeconomics\*
- BUS 204 Microeconomics\*\*
- CJ 100 Intro to Criminal Justice
- GEO 212 World Regional Geography
- MT 110 Intro Mass Communications
- POL 100 US Government
- POL 101 Intro to Political Science
- POL 115 State & Local Government
- PSY 101 General Psychology\*\*\*
- PSY 202 Child Psychology
- PSY 205 Human Growth & Dev
- PSY 206 Social Psychology
- SOC 101 General Sociology
- SOC 102 Marriage & the Family
- SOC 104 Intro to Social Work
- SOC 210 Social Problems

\*BUS 203 required for AC, AE, ET.

\*\*BUS 204 required for ET-FM.

\*\*\*PSY 101 required for AC.

## 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 (CE)
  - Engineering Tech Mgmt (ETM)
  - Facilities Management (FM)
  - Mechatronics Technology (MT)

### MATH & NATURAL SCIENCES

*Required for all College of Engineering majors.*

- PS 111 College Chemistry I (L)  
*(except AC, CE and CS)*
- MAT 106 Calculus  
*(except AC)*
- MAT 110 Calculus II  
*(except AC)*
- MAT 201 Calculus III<sup>^</sup>  
*(only AE, EE, ME)*
- MAT 202 Differential Equations  
*(except AC, CS, ET, IE)*
- PS 215 College Physics I (L)\*  
*(except AC)*
- PS 216 College Physics II (L)<sup>^</sup>  
*(except AC)*

### NATURAL SCIENCES ELECTIVE

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

#### BIOL

- BS 101 College Biology (L)
- BS 104 Human Anatomy  
**and** BS 105 Human Phys (L)
- BS 201 General Zoology  
**and** BS 202 General Botany (L)

#### CHEM

- PS 112 College Chemistry II (L)  
*(also satisfies IE Nat Science elective)*
- PS 210 Organic Chemistry I (L)<sup>^</sup>  
*(AE only)*

#### GEOL

- BS 107 Intro to Environ Sci (L)
- PS 104 Physical Geology (L)

#### PHYS

- PS 108 Astronomy (L)

### OTHER COURSES BY MAJOR

#### Aerospace Engineering – AE

- CAD 101 Technical Drawing I  
**and** CAD 151 Technical Drawing II  
**and** CAD 201 Technical Drawing III  
**and** CAD 251 Technical Drawing IV
- BUS 203 Macroeconomics

#### Applied Computing – AC

- MAT 104 College Algebra
- MAT 105 Trigonometry
- PS 203 General Physics I
- PS 204 General Physics II
- BUS 130 Microcompu Application I
- BUS 203 Macroeconomics
- PSY 101 General Psychology

#### Biomedical Engineering – BME

- BS 104 Human Anatomy
- **and** BS 105 Human Physiology (L)
- BS 201 General Zoology  
**and** BS 202 General Botany (L)
- PS 112 College Chemistry II (L)

#### Computer Engineering – CE

Major courses at WSU

#### Computer Science – CS

- PHI 103 Logic & Critical Thinking  
*(minimum grade of C or better). This course will also satisfy the general education humanities requirement.*

#### Electrical Engineering – EE

Major courses at WSU

**Industrial Engineering – IE**

- CAD 101 Technical Drawing I  
and CAD 151 Technical Drawing II  
and CAD 201 Technical Drawing III  
and CAD 251 Technical Drawing IV

**Product Design & Manufacturing Engineering – PDME**

- CAD 101 Technical Drawing I  
and CAD 151 Technical Drawing II  
and CAD 201 Technical Drawing III  
and CAD 251 Technical Drawing IV

**Mechanical Engineering – ME**

- CAD 101 Technical Drawing I  
and CAD 151 Technical Drawing II  
and CAD 201 Technical Drawing III  
and CAD 251 Technical Drawing IV

**Engineering Technology – ET**

- BUS 103 Accounting I  
and BUS 105 Accounting II  
or BUS 200 Financial Accounting  
(ETM only)
- BUS 210 Marketing  
(ETM only)
- CAD 101 Technical Drawing I  
and CAD 151 Technical Drawing II  
and CAD 201 Technical Drawing III  
and CAD 251 Technical Drawing IV
- BUS 130 Microcompu Application I  
(FM, ETM only)
- BUS 203 Macroeconomics
- BUS 204 Macroeconomics (FM only)