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.

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/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
316-978-3400
wicarta.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.

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: Renaiss-Contemp
- M 103 Music History & Appreciation
- M 146 Musical Theatre History
- M 162 Intro to World Music
**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 *(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) *(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) *(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
- CAD 151 Technical Drawing II
- CAD 201 Technical Drawing III
- CAD 251 Technical Drawing IV

**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

**Biomedical Engineering – BME**
- BS 104 Human Anatomy
- 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**
*Computer Science majors choose HCC’s 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
- CAD 151 Technical Drawing II
- CAD 201 Technical Drawing III
- CAD 251 Technical Drawing IV

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This Transfer Guide is for information only and is not a contract. Courses/requirements subject to change.
Produced March 2020

HIGHLAND COMMUNITY COLLEGE > WSU College of Engineering
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)