KANSAS CITY KANSAS
COMMUNITY COLLEGE
2016-2017 TRANSFER
GUIDE

GENERAL EDUCATION
REQUIREMENTS
The following list the minimum general
education courses needed at Kansas City
Kansas Community College (KCKCC) to
transfer to the College of Engineering.
The WSU General Education program
requires 42-45 hours. By completing the
recommended courses outlined in this
Transfer Guide KCKCC students will
have only engineering courses (plus any
unmet General Education Issues and
Perspective and the Engineer of 2020
options) required for all engineering
majors to meet degree requirements.
Specific engineering courses for each
major will be provided during student
advising.

FOUNDATIONAL/BASIC SKILLS COURSES:
(9 credit hours MUST be completed with a
grade of C- or better within the first 48 hours
of coursework)
• ENGL 0101 Composition I
• ENGL 0102 Composition II
• SPCH 0151 Public Speaking

COMPLETE INTRODUCTORY COURSES
IN THE FOLLOWING DISCIPLINES:

Fine Arts:
• FNAR 0101 Art Appreciation
• FNAR 0102 Art History I
• FNAR 0103 Art History II
• MUSC 0101 Music Appreciation
• THTR 0101 Theatre Appreciation
• THTR 0112 Dance History

Humanities:
• PHIL 0103 Intro to Philosophy
• PHIL 0105 Logic
• PHIL 0206 Ethics
• PHIL 0207 Philosophical
  Foundations in Health Care Ethics
• WMSD 0101 Intro to Women's
  Studies

Social & Behavioral Sciences:
• ANTH 0100 General Anthropology
• ANTH 0101 Intro to Cultural
  Anthropology
• ANTH 0105 Archaeology
• CRJS 0101 Intro to Criminal Justice
• ECON 0201 Principles of
  Macroeconomics
• GEOG 0101 Intro to Cultural
  Geography
• POSC 0101 Intro to Political
  Science
• POSC 0102 International
  Relations/Foreign Policy
• POSC 0111 American Government
• PSYC 0101 Psychology
• SOSC 0107 Sociology
• SOSC 0210 Intro to Social Work
• SOSC 0215 Intro to Human Service

One more Introductory course for 3
credit hours in either Humanities or
Social & Behavioral Science.

One Advance Further Study Course
for 3 credit hour in either Humanities
or Social & Behavioral Science (may not
take further study in Philosophy or Fine
Arts). For a list of courses please visit
www.wichita.edu/engineering/ or
contact the College of Engineering Dual
Advisor.

NATURAL SCIENCE ELECTIVES
(One course required for Aerospace and
Mechanical Engineering majors ONLY):
• BIOL 0131 Environmental Science
  AND BIOL 132 Environmental
  Science Lab (LAB)
• BIOL 0143 Human Anatomy &
  Physiology (LAB)
• BIOL 0155 Environmental Geology
  AND BIOL 0156 Environmental
  Geology Lab (LAB)
• BIOL 0225 Diversity of
  Organisms (LAB)
• CHEM 0112 College Chemistry II &
  Lab (LAB)
• CHEM 0211 Organic Chemistry I
  AND CHEM 0213 Organic
  Chemistry I Lab (LAB)
• NASC 0107 Intro to Astronomy
  AND NASC 0108 Intro to
  Astronomy Lab (LAB)
• NASC 0175 Intro to Meteorology
  (LAB)

ENGINEERING DEGREE PROGRAMS:
Aerospace Engineering (AE), Biomedical
Engineering (BIOME), Computer
Engineering (CE), Computer Science
(CS), Electrical Engineering (EE),
Industrial Engineering (IE),
Manufacturing Engineering (IME),
Mechanical Engineering (ME) and
Engineering Technology (ET).
REQUIRED CORE COURSES FOR ALL ENGINEERING MAJORS:

- CHEM 0111 College Chemistry I & Lab (LAB)
- MATH 0122 Calculus & Analytic Geometry I
- MATH 0123 Calculus & Analytic Geometry II
- MATH 0224 Calculus & Analytic Geometry III (except BIOME, CE, CS and ET)
- NASC 0245 Engineering Physics I AND NASC 1245 Engineering Physics I (Lab) (LAB) (except ET)
- NASC 0246 Engineering Physics II AND NASC 1246 Engineering Physics II (Lab) (LAB) (except ET)

OTHER REQUIRED COURSES BY MAJORS:

Aerospace Engineering (AE):
- NASC 0248 Statics
- NASC 0249 Dynamics

Biomedical Engineering (BIOME):
- BIOL 0143 Human Anatomy & Physiology (LAB)
- CHEM 0112 College Chemistry II & Lab (LAB)
- NASC 0248 Statics

Computer Engineering (CE):
- NASC 0248 Statics

Electrical Engineering (EE):
- NASC 0248 Statics

Industrial Engineering (IE):
- NASC 0248 Statics

Manufacturing Engineering (IME):
- NASC 0248 Statics

Mechanical Engineering (ME):
- NASC 0248 Statics
- NASC 0249 Dynamics

Engineering Technology Management, Renewable Energy and Mechatronics Technology):
- BUSN 0101 Accounting I AND
- BUSN 0102 Accounting II (Engineering Technology Management ONLY)
- BUSN 0113 Marketing Engineering Technology Management ONLY)
- ENGL 0206 Technical Writing
- MATH 0105 College Algebra
- MATH 0112 Trigonometry
- NASC 0231 General Physics I AND NASC 1231 General Physics I (Lab) (LAB)

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.

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.

For information on courses needed to complete an Associate Degree, please contact your Community College Advisor.

For more information, go to: www.wichita.edu/engineering
or Contact: Norman Bent Dual Advisor Norman.Bent@wichita.edu Or at (316) 978-6460