LABETTE COMMUNITY COLLEGE 2016-2017
TRANSFER GUIDE

GENERAL EDUCATION REQUIREMENTS
The following list the minimum general education courses needed at Labette Community College (LCC) 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 LCC 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 101 English Composition I
- ENGL 102 English Composition II
- COMM 101 Fundamentals of Speech

COMPLETE INTRODUCTORY COURSES IN THE FOLLOWING DISCIPLINES:

Fine Arts: Choose one course from the following disciplines for 3 credit hours:
- ART 130 Art Appreciation
- MUSI 101 Music Appreciation
- MUSI 103 Music Literature

Humanities: Choose one course from the following disciplines for 3 credit hours:
- CRIM 101 Intro to Admin of Justice
- ECON 203 Microeconomics
- GEOG 101 World Regional Geography
- HIST 101 American History to 1877
- HIST 102 American History Since 1877
- HIST 103 World History to 1500
- HIST 104 World History Since 1500
- HUMA 101 Intro to Humanities
- PHIL 101 Philosophy I
- PHIL 104 Intro to Logic
- PHIL 106 Ethics
- RELI 101 Comparative World Religions
- RELI 103 Old Testament Survey
- RELI 105 New Testament Survey

Social & Behavioral Sciences: Choose one course from the following disciplines for 3 credit hours:
- CRIM 101 Intro to Admin of Justice
- ECON 203 Microeconomics
- GEOG 101 World Regional Geography
- HIST 101 American History to 1877
- HIST 102 American History Since 1877
- HIST 103 World History to 1500
- HIST 104 World History Since 1500
- HUMA 101 Intro to Humanities
- PHIL 101 Philosophy I
- PHIL 104 Intro to Logic
- PHIL 106 Ethics
- RELI 101 Comparative World Religions
- RELI 103 Old Testament Survey
- RELI 105 New Testament Survey

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.

NATURAL SCIENCE ELECTIVES
(One course required for Aerospace and Mechanical Engineering majors ONLY):
- BIOL 122 Environmental Life Science w/Lab (LAB)
- BIOL 130 Anatomy & Phys (LAB)
- CHEM 126 College Chem II (LAB)
- CHEM 204 Organic Chem I (LAB)
- PHSC 101 Prin of Geology (LAB)
- PHSC 103 Intro to Astronomy (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)
- Engineering Technology (ET)

REQUIRED CORE COURSES FOR ALL ENGINEERING MAJORS:
- MATH 130 Calculus I
- MATH 131 Calculus II
- MATH 201 Calculus III
- PHYS 203 Eng Physics I (LAB) (except ET)
- PHYS 208 Eng Physics II (LAB) (except ET)
- PHSC 101 Prin of Geology (LAB)
- PHSC 103 Intro to Astronomy (LAB)

Majors:
- Aerospace Engineering (AE):
  - PHYS 210 Statics
- Biomedical Engineering (BIOME):
  - BIOL 130 Anatomy & Phys (LAB)
  - CHEM 126 College Chem II (LAB)
  - PHYS 210 Statics
- Computer Engineering (CE):
  - PHYS 210 Statics
- Electrical Engineering (EE):
  - PHYS 210 Statics
- Industrial Engineering (IE):
  - PHYS 210 Statics
- Manufacturing Engineering (IME):
  - PHYS 210 Statics
- Mechanical Engineering (ME):
  - PHYS 210 Statics
Engineering Technology Management, Renewable Energy and Mechatronics Technology:

- ACCT 112 Financial Accounting
- AND ACCT 113 Financial Acct Lab (Engineering Technology Management ONLY)
- FINA 119 Basic Marketing (Engineering Technology Management ONLY)
- INDU 131 Engineering Graphics I
- AND INDU 132 Engineering Graphics II
- MATH 115 College Algebra
- MATH 125 Trigonometry
- PHYS 201 College Physics I (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
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Or at
(316) 978-6460