CLOUD COUNTY COMMUNITY COLLEGE 2016-2017 TRANSFER GUIDE

GENERAL EDUCATION REQUIREMENTS
The following list the minimum general education courses needed at Cloud County Community College (CCCC) 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 CCCC 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)
- CM 101 English Composition I
- CM 102 English Composition II
- CM 115 Public Speaking

COMPLETE INTRODUCTORY COURSES IN THE FOLLOWING DISCIPLINES:

Fine Arts: Choose one course from the following disciplines for 3 credit hours:
- AR 100 Art Appreciation
- MU 100 Music Appreciation
- MU 101 American Music
- MU 102 World Music
- MU 103 History of Rock Music
- CM 140 Theatre Appreciation

Humanities: Choose one course from the following disciplines for 3 credit hours:
- AJ 100 Intro to Criminal Justice
- EC 101 Economics I
- GE 101 World Geography
- RE 103 Religion in Contemporary America
- SS 125 Intro to Cultural Anthropology
- SS 130 Intro to Sociology
- SS 140 US Government: National Security
- SS 145 Intro to International Relations

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):
- SC 103 Physical Science (LAB)
- SC 104 Geology (LAB)
- SC 105 General Astronomy (LAB)
- SC 107 Meteorology (LAB)
- SC 110 Principles of Biology (LAB)

– SC 120 Human Anatomy & Physiology I AND SC 121 Human Anatomy & Physiology II (LAB)
– SC 132 Chemistry II (LAB)
– SC 134 Organic Chemistry I (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:
- MA 120 Analytic Geometry & Calculus I
- MA 121 Analytic Geometry & Calculus II
- MA 122 Analytic Geometry & Calculus III (except BIOME, CE, CS and ET)
- SC 131 Chemistry I (LAB)
- SC 142 University Physics I (LAB) (except ET)
- SC 143 University Physics II (LAB) (except ET)

OTHER REQUIRED COURSES BY MAJORS:

Biomedical Engineering (BIOME):
- SC 120 Human Anatomy & Physiology I AND SC 121 Human Anatomy & Physiology II (LAB)
- SC 132 Chemistry II (LAB)

Engineering Technology Management, Renewable Energy and Mechatronics Technology:
- BE 155 Marketing (Engineering Technology Management ONLY)
- BE 161 Accounting I AND BE 162 Accounting II (Engineering Technology Management ONLY)
- CM 120 Survey of Technical Writing
• MA 111 College Algebra
• MA 112 Trigonometry
• SC 140 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
Dual Advisor
Norman.Bent@wichita.edu

Or at
(316) 978-6460