COLBY COMMUNITY COLLEGE 2016-2017 TRANSFER GUIDE

GENERAL EDUCATION REQUIREMENTS
The following list the minimum general education courses needed at Colby Community College (CCC) 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 CCC 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)
- EN 176 English Composition I
- EN 177 English Composition II
- SP 176 Public Speaking or SP 101 Fund of Oral Communication

COMPLETE INTRODUCTORY COURSES IN THE FOLLOWING DISCIPLINES:

Fine Arts: Choose one course from the following disciplines for 3 credit hours:
- AR 175 Art Appreciation
- AR 176 Art History I
- AR 177 Art History II
- MU 176 Intro to Music
- DR 120 Theatre Appreciation

Humanities: Choose one course from the following disciplines for 3 credit hours:

NOTE: Computer Science majors will take PHIL 125 Introduction to Logic at WSU (minimum grade of C or better) to satisfy humanities requirement.

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):
- BI 177 Prin of Biology w/Lab (LAB)
- BI 256 Botany w/Lab (LAB)
- BI 276 Anatomy & Physiology I AND BI 277 Anatomy & Physiology II (LAB)
- BI 278 Anat & Phys (LAB)
- CH 178 Chemistry II w/Lab (LAB)
- CH 225 Organic Chemistry I w/Lab (LAB)
- PH 103 Earth Science w/Lab (LAB)
- PH 180 Descriptive Astronomy w/Lab (LAB)

ENGINEERING MAJORS

EN 219 Intro to Literature
HI 104 World Civilization to 1600
HI 176 American History to 1865
HI 177 American History 1865-Present
HI 204 World Civ 1600-Present
PI 101 Intro to Philosophy
PI 200 Phil of Thought & Logic
PI 276 Intro to Ethics

Social & Behavioral Sciences: Choose one course from the following disciplines for 3 credit hours:
- AN 176 Native American Cultures
- AN 177 Cultural Anthropology
- CJ 110 Intro to Criminal Justice
- EC 276 Prin of Macroeconomics
- GE 176 World Regional Geography
- PO 176 American Government
- PS 176 General Psychology
- SO 176 Intro to Sociology

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:
- CH 177 Chemistry I w/Lab (LAB)
- MA 220 Analytic Geometry & Calculus I
- MA 230 Analytic Geometry & Calculus II
- MA 240 Analytic Geometry & Calculus III (except BIOME, CE, CS and ET)
- PH 208 Engr Physics I w/Lab (LAB) (except ET)
- PH 228 Engr Physics II w/Lab (LAB) (except ET)

OTHER REQUIRED COURSES BY MAJORS:

Biomedical Engineering (BIOME):
- BI 177 Principles of Biology w/Lab (LAB)
- BI 276 Anatomy & Physiology I AND BI 277 Anatomy & Physiology II (LAB)
- CH 178 Chemistry II w/Lab (LAB)

Engineering Technology Management, Renewable Energy and Mechatronics Technology:
- AC 177 Accounting I AND AC 178 Accounting II (Engineering Technology Management ONLY)
- BU 225 Marketing (Engineering Technology Management ONLY)
- MA 178 College Algebra
- MA 185 Plane Trigonometry
- PH 207 General Physics I w/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