GARDEN CITY COMMUNITY COLLEGE 2016-2017 TRANSFER GUIDE

GENERAL EDUCATION REQUIREMENTS
The following list the minimum general education courses needed at Garden City Community College (GCCC) 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 GCCC 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 I
- ENGL 102 English II
- SPCH 111 Public Speaking I

COMPLETE INTRODUCTORY COURSES IN THE FOLLOWING DISCIPLINES:

Fine Arts: Choose one course from the following disciplines for 3 credit hours:
- ARTS 120 Art Appreciation
- ARTS 121 History of World Art
- MUSC 208 Music History & Appreciation
- DRAM 150 Intro to Theatre

Humanities: Choose one course from the following disciplines for 3 credit hours:
NOTE: Computer Science majors may take PHIL 103 Logic: Intro to Clear Thinking (minimum grade of C or better) to satisfy humanities requirement.
- CRIM 101 Intro to Criminal Justice
- ECON 111 Prin of Economics: MACRO
- GEOG 101 World Geography
- POLS 105 American Government
- PSYC 101 General Psychology
- SOCI 102 Intro to Sociology
- SOCI 105 Intro to Anthropology
- SOCI 112 Living in a Multicultural Society
- SPCH 208 Communication in the Information Society

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

Social & Behavioral Sciences: Choose one course from the following disciplines for 3 credit hours:
- CRIM 101 Intro to Criminal Justice
- ECON 111 Prin of Economics: MACRO
- GEOG 101 World Geography
- POLS 105 American Government
- PSYC 101 General Psychology
- SOCI 102 Intro to Sociology
- SOCI 105 Intro to Anthropology
- SOCI 112 Living in a Multicultural Society
- SPCH 208 Communication in the Information Society

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 210 Anatomy & Physiology (LAB)
- BIOL 211 Anatomy & Physiology I AND BIOL 212 Anatomy & Phys II (LAB)
- CHEM 110 College Chemistry II & Qualitative Analysis (LAB)
- CHEM 206 Organic Chemistry I (LAB)
- PHSC 106 Descriptive Astronomy
- PHYS 106 Descriptive Physics
- PHSC 205 Physical Geology (LAB)

ENGINEERING DEGREE PROGRAMS:
Aerospace Engineering (AE), Biomedical Engineering (BIOME), Computer Engineering (CE), Computer Science (CS), Electrical Engineering (EE), Industrial Engineering (IE), Manufacturing Engineering (ME), Mechanical Engineering (ME) and Engineering Technology (ET).

REQUIRED CORE COURSES FOR ALL ENGINEERING MAJORS:
- CHEM 109 College Chemistry I (LAB)
- MATH 122 Calculus & Analytical Geometry I
- MATH 123 Calculus & Analytical Geometry II
- MATH 205 Calculus & Analytical Geometry III (except BIOME, CE, CS and ET)
- PHYS 207 Engineering Physics I (LAB) (except ET)
- PHYS 208 Engineering Physics II (LAB) (except ET)
OTHER REQUIRED COURSES BY MAJORS:

Biomedical Engineering (BIOME):
- BIOL 210 Anatomy & Physiology (LAB) OR
- BIOL 211 Anatomy & Physiology I AND BIOL 212 Anatomy & Phys II (LAB)
- CHEM 110 College Chemistry II & Qualitative Analysis (LAB)

Engineering Technology Management, Renewable Energy and Mechatronics Technology):
- ACCT 102 Accounting I AND ACCT 103 Accounting II (ONLY for Engineering Technology Management)
- BSAD 123 Marketing (ONLY for Engineering Technology Management)
- MATH 108 College Algebra
- MATH 109 Plane Trigonometry
- PHYS 205 General 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 more information, go to:
www.wichita.edu/engineering
or
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