PRATT COMMUNITY COLLEGE 2016-2017 TRANSFER GUIDE

GENERAL EDUCATION REQUIREMENTS
The following list the minimum general education courses needed at Pratt Community College (PCC) 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 PCC 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)
- ENG 176 English Composition I
- ENG 177 English Composition II
- COM 276 Public Speaking

COMPLETE INTRODUCTORY COURSES IN THE FOLLOWING DISCIPLINES:

Fine Arts: Choose one course from the following disciplines for 3 credit hours:
- ART 139 Art Appreciation
- ART 176 Survey of Art History I
- ART 177 Survey of Art History II
- MUS 176 Intro to Music
- DRM 131 Theatre Appreciation

Humanities: Choose one course from the following disciplines for 3 credit hours:
- HST 132 Survey of Civilization II
- HST 176 American History to 1865
- HST 177 American History 1865-Present

SOCIAL & BEHAVIORAL SCIENCES: Choose one course from the following disciplines for 3 credit hours:
- BUS 276 Prin of Macroeconomics
- POS 176 American Government
- PSY 176 General Psychology
- SOC 132 Multicultural Study
- SOC 176 Intro to Sociology
- SSC 176 World Regional Geography
- SSC 177 Cultural Anthropology
- SSC 235 Intro to Social Work

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):
- BIO 123 Environmental Science (LAB)
- BIO 145 General Zoology (LAB)
- BIO 278 Anatomy & Phys (LAB)
- CHM 187 General Chemistry II & Qualitative Analysis (LAB)
- PSC 175 Intro to Geology (LAB)
- PSC 176 Physical Science (LAB)
- PSC 177 Intro to Geology (LAB)
- PSC 178 Intro to Astronomy

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:
- CHM 186 General Chem I (LAB)
- MTH 191 Analytic Geometry & Calculus I
- MTH 193 Analytic Geometry & Calculus II
- WLD 107 Computer Aided Drafting I AND WLD 207 Computer Aided Drafting II (except BIOME, CE, CS and EE)

OTHER REQUIRED COURSES BY MAJORS:

Biomedical Engineering (BIOME):
- BIO 145 General Zoology (LAB)
- BIO 278 Anatomy & Phys (LAB)
- CHM 187 General Chemistry II & Qualitative Analysis (LAB)

Engineering Technology Management, Renewable Energy and Mechatronics Technology:
- ACC 177 Accounting I AND ACC 178 Accounting II (Engineering Technology Management ONLY)
- BUS 234 Marketing (Engineering Technology Management ONLY)
- MTH 178 College Algebra
- MTH 183 Trigonometry
- PHS 251 General Physics I (LAB)
- WLD 107 Computer Aided Drafting I AND WLD 207 Computer Aided Drafting II

NOTE: Computer Science majors will take HUM 102 Intro to Logic & Critical Thinking (minimum grade of C or better) to satisfy humanities requirement.
- HST 132 Survey of Civilization II
- HST 176 American History to 1865
- HST 177 American History 1865-Present
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