Swanson School of Engineering

When you apply as a transfer student to the **Swanson School of Engineering**, you must declare a specific major. The available engineering majors are:

> Bioengineering
> Chemical Engineering
> Civil Engineering
> Computer Engineering
> Electrical Engineering
> Engineering Science
> Engineering/Art and Science Joint Degree
> Environmental Engineering
> Industrial Engineering
> Materials Science Engineering
> Mechanical Engineering

The Swanson School of Engineering curriculum is highly structured from the freshman through senior year. We recommend that you follow the curriculum closely, as only courses that are an integral part of your proposed degree program and for which you've earned a "C" grade or better will be considered for transfer. No more that 60 credits will be accepted for transfer from a community college.

Students with a cumulative grade point average of 3.25 or better will be considered for admission to the Swanson School of Engineering. Bioengineering applicants need a cumulative GPA of 3.5 or higher. Transfer students are admitted within the limit of spaces available in the individual departments. You are advised to follow the freshman curriculum outlined on the following pages.

For additional information, please feel free to contact the Swanson School of Engineering at 412-624-9825.

Swanson School of Engineering Curriculum

FRESHMAN YEAR

First Term

Pitt Course:	At WCCC you take:
MATH 0220: Anal. Geometry/Calculus	MTH 172
CHEM 0960: Gen. Chem. I for Engineers	CHM 155
PHYS 0174: Physics for Sci.& Eng. I	PHY 255
ENGR 0015: Introduction to Engineering Analysis	No equivalent
Humanities or Social Science Elective*	See course equivalent list
ENGR 0081: Freshman Seminar	Not required of transfer students

Second Term

Pitt Course:	At WCCC you take:
MATH 0230: Anal. Geometry/Calculus II	MTH 173
CHEM 0970: General Chemistry II for Engineers	CHM 156
PHYS 0175: Basic Physics for Sci. & Eng. II	PHY 256
ENGR 0016: Introduction to Engineering Computing	No equivalent
Humanities or Social Science Elective*	See course equivalent list
ENGR 0082: Freshman Seminar	Not required of transfer students

Third Term

Pitt Course:	At WCCC you take:
MATH 0240: Anal. Geometry/Calculus III	MATH 271
Elective(s)	See course equivalent list

#Courses recommended for the sophomore to senior years vary according to the specified major. Consult the Swanson School of Engineering Bulletin for more information. Information is available through the Office of Admissions and Financial Aid or the Swanson School of Engineering. All Engineering programs are subject to change without advance notice.
*No more than three (3) humanities or social science electives will be accepted for transfer from a community college. Course equivalents are listed on the following pages.

Course Equivalents List for WCCC

WCCC Course No.	Credits	Course Title	Pitt Engr. Equivalent	Graduation requirement	Credits
ART ART 155	3	Intro. to Art	HAA 0010	Humanities elective	3
ART 161	3	3 D Design	SA 0140	Humanities elective	
ART 162	3	Drawing	SA 0130	Humanities elective	3
ART 163	3	Drawing II	SA 1230	Humanities elective	3
ART 165	3	Painting I	SA 0120	Humanities elective	3
ART 166	3	Painting II	SA 1250	Humanities elective	3
ECONOMICS					
ECN 158	3	Basic Economics	ECON 0800	Social science elective	3
ECN 255	3	Macroeconomics	ECON 0110	Social science elective	3
ECN 256	3	Microeconomics	ECON 0100	Social science elective	3
ENGLISH					
ENG 161	3	College Writing	ENGCMP 0200	English Composition	3
ENGLISH LIT					
ENG 233	3	Children's Literature	ENGLIT 0562	Humanities elective	3
ENG 240	3	Science Fiction	ENGLIT 0626	Humanities elective	3
ENG 245	3	Creative Writing II	ENGWRT 0400	Humanities elective	3
ENG 255	3	Introduction to Literature	ENGLIT 0300	Humanities elective	3
ENG 258	3	Survey of World Literature 1	ENGLIT 0590	Humanities elective	3
ENG 275	3	World Mythologies	ENGLIT 0644	Humanities elective	3
ENG 290	3	Shakespeare	ENGLIT 0580	Humanities elective	3
HISTORY					
HIS 155	3	Early Western Civilization	HIST 0100	Social science elective	3
HIS 156	3	Modern Western Civilization	HIST 0101	Social science elective	3
HIS 249	3	The Civil War	HIST 1614	Social science elective	3

WCCC Course No.	Credits	Course Title	Pitt Engr. Equivalent	Graduation requirement	Credits
HIS 255	3	Early US and PA History	HIST 0600	Social science elective	3
HIS 256	3	Modern US and PA History	HIST 0601	Social science elective	3
HIS 262	3	Modern Latin American History	HIST 0501	Social science elective	3
MUSIC					
MUS 155	3	Music Listening: A Survey	MUSIC 0211	Humanities elective	3
MUS 160	3	Music History I	MUSIC 0222	Humanities elective	3
PHIL					
PHL 160	3	Introduction to Philosophy	PHIL 0080	Humanities elective	3
PHL 161	3	Introduction to Ethics	PHIL 0300	Humanities elective	3
POLITICAL SCIENCE					
POL 155	3	American National Government	PS 0200	Social science elective	3
POL 156	3	Modern Political Systems	PS 0300	Social science elective	3
POL 255	3	American State and Local Government	PS 1252	Social science elective	3
POL 256	3	International Relations	PS 0500	Social science elective	3
PSYCH					
PSY 160	3	General Psychology	PSY 0010	Social science elective	3
PSY 260	3	Social Psychology	PSY 0105	Social science elective	3
PSY 265	3	Child Psychology	PSY 0310	Social science elective	3
PSY 267	3	Psychology of Women	PSY 0184	Social science elective	3
PSY 270	3	Abnormal Psych	PSY 1205	Social science elective	3
SOCIOLOGY					
SOC 155	3	Principles of Sociology	SOC 0010	Social science elective	3

WCCC Course No.	Credits	Course Title	Pitt Engr. Equivalent	Graduation requirement	Credits
SOC 161	3	Marriage and Family	SOC 0438	Social science elective	3
SOC 162	3	Contemporary Social Problems	SOC 0007	Social science elective	3
SOC 255	3	Cultural Anthropology	ANTH 0780	Social science elective	3
SPEECH					
SPC 156	3	Interpersonal Communication	COMMRC 0530	Social science elective	3
SPC 157	3	Fund. of Small Group Communication	COMMRC 1106	Social science elective	3
SPC 255	3	Persuasion and Propaganda	COMMRC 1111	Social science elective	3
THEATRE					
THR 160	3	Intro to Acting	THEA 0830	Humanities elective	3

SWANSON SCHOOL OF ENGINEERING
ENGLISH WRITING REQUIREMENT

To ensure that all engineering students attain a reasonable level of competence in writing, the Swanson School of Engineering requires students to complete two levels of English writing courses. The two levels include 1) a basic English composition course and 2) a course where students will gain specific academic subject area information through a writing intensive course. The writing requirement is further explained below.

I. COMPOSITION

All students enrolled in the Swanson School of Engineering are expected to complete the University of Pittsburgh's basic English composition course. However, transfer students have two options.

A.   Westmoreland County Community College (WCCC) students who have earned a grade of a "C" or better ("C-" is unacceptable) in ENG 161 will be automatically waived from taking Seminar in Composition (ENGCMP 0200) at the University of Pittsburgh.

B. Students who enter the University of Pittsburgh without taking ENG 161 must take Seminar in Composition (ENGCMP 0200) at Pitt.

II. WRITING INTENSIVE COURSE

In addition to the composition requirement, all engineering students must take one writing course, designated in the University of Pittsburgh course description listings as "W". Students may fulfill the writing experience requirement by taking a course in any area, including but not limited to Humanities, Social Sciences or Natural sciences.

Student's transferring from a community college must take the writing experience course at the University of Pittsburgh; therefore, no such courses will be accepted for transfer from a community college.

Swanson School of Engineering Transfer Policies

2. All courses that have equivalent counterparts at Pitt in terms of content and credits in the Swanson School of Engineering curriculum are eligible for transfer.
3. No transfer credits can be part of the final 30 required for a degree. These must be earned in residence. In interpreting this regulation, credits earned on regional campuses are considered as transferable.
4. Transfer credits need to be earned within 12 years of the date when the Swanson School of Engineering degree requirements will be completed.
5. In accordance with University policy, re-evaluation of credits will be done by the admitting school, when necessary, according to applicable University policy and procedure. The policy applies to all previous credits earned, no matter if they were earned at the University of Pittsburgh or another institution.
6. No more than 60 credits may be transferred from a two-year college. No more than 90 may be transferred from a four-year college. If 60 or more credits have been earned at a college or university, no transfer credit will be granted for credits earned subsequently at a two-year school.
7. If a course for which advanced standing credit has been granted is repeated, the advanced standing credit is canceled.
8. Course work earned in approved foreign study programs may not constitute more than 15 of the final 30 credits. These credits are awarded on a Satisfactory/Audit basis. In addition, 30 of the last 60 credits must be earned in residence; students can request a waiver of the 30 credit policy from the Associate Dean for Academic Affairs.
9. One credit taken at a quarter system school is equal to two-thirds a credit at the University of Pittsburgh. This may affect the ability of a course to transfer. See #1.
10. Engineering courses must be completed at an ABET certified institution with the exception of approved study abroad courses.
11. Once a student has started to take courses as an engineering student at the University of Pittsburgh they cannot subsequently take courses at a community college for transfer credit.
12. The Swanson School of Engineering does not accept CLEP credit for course credits.

The most current listing of SSOE transfer policies can be found at:
http://engineering.pitt.edu/Freshman/Transfer_Students/SSOE_Transfer_Policies