

**Transfer Curriculum  
Engineering  
(Civil and Environmental, Electrical, Computer, Mechanical, Mining)**

**Individuals who complete the courses listed below earn the Associate of Science degree at Danville Area Community College, will have met the senior institution's lower division general education requirements, and will be admitted as juniors.**

Required Courses	Hours
<b>First Semester</b>	
MATH 120 Calculus & Analytic Geometry I	5
ENGL 101 Rhetoric & Composition I	3
SPCH 101 Oral Communication – OR – SPCH 102 Public Speaking	3
CHEM 101 College Chemistry (Civil, Mechanical, Mining)	4
INST 101 Success in College	1
Total	16
<b>Second Semester</b>	
PHYS 106 Physics – Mechanics	4
ENGL 102 Rhetoric & Composition II	3
MATH 130 Calculus & Analytic Geometry II	5
CHEM 102 College Chemistry II (Civil, Mechanical) – OR – PHYS 114 Earth Science (Mining)	0-4
Life Science Elective	3-4
Total	15-20
<b>Third Semester</b>	
MATH 140 Calculus & Analytic Geometry III	3
PHYS 107 Physics: Heat, Electricity & Magnetism	4
PHYS 152 Physics: Statics (Civil, Mining, Mechanical)	0-3
Humanities Elective (PHIL 103 for Electrical and/or Computer)	3
Social Science Elective (CECN for Electrical and/or Computer)	3
MATH 110 Intro to Computer Science (Electrical and/or Computer)	3
Total	16-19
<b>Fourth Semester</b>	
MATH 211 Differential Equations	3
PHYS 108 Physics: Wave Motion, Light & Modern Physics	4
Social Science Elective	3
Fine Arts Elective	3
Total	13

## **Transfer Admission Requirements:**

1. Students are advised to complete the mathematics and chemistry course sequences before transferring. Oftentimes students miss essential information when changing colleges.
2. Transfer students entering an engineering program with an Associate Degree from baccalaureate-oriented program area not required to complete the University's General Education requirements.
3. Students who have completed twenty-six semester hours or more and have an overall average of 2.4 may be admitted directly into an engineering program.
4. Students who have completed twenty-six to sixty semester hours and have a GPA between 2.0 and 2.39 may be admitted to the pre-engineering classification. These students should submit their high school records and ACT scores to the Admissions Office at the same time they apply for admission. Students who have completed twenty-six to sixty semester hours and have a 2.0 through 2.39 GPA may, in special cases, be admitted to an engineering program by one of the Engineering Departments. Such a student, however, may not transfer to another Engineering Department without consent of that Department.

## **Notes:**

1. DACC recommends a three (3) hour course in Third World or Non-Western Culture, either in Humanities or Social Science.
2. Effective Fall 1992, new students or re-entering students absent more than two years and seeking an A.S.A. degree are required to take at least one course with human relations content. See your counselor for a list of courses that fulfill this requirement.
3. For further information, contact:

Civil Engineering  
C. Jenise Wilson  
618-453-2261  
jwilson@siu.edu

Mechanical Engineering  
Laura Morgan  
618-453-2261  
lauramorgan@siu.edu

Computer and Electrical Engineering  
Mining Engineering  
Lisa Lindhorst  
1230 Lincoln Drive  
618-453-2261  
lisalind@siu.edu

**PROGRAM AND CURRICULUM REQUIREMENTS ARE SUBJECT TO CHANGE.  
SEE A DACC COUNSELOR OR ACADEMIC ADVISOR FOR UPDATED INFORMATION  
PRIOR TO REGISTRATION EACH SEMESTER.**