

**Transfer Curriculum  
Engineering**

**Individuals who complete the courses listed below earn the Associate of Engineering 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>Summer</b>	
ENGL 101 Rhetoric & Composition I	3
Social Science Elective (See Note 5.)	3
Total	6
<b>First Semester</b>	
CHEM 101 College Chemistry I	4
MATH 120 Cal & Analytic Geometry I	5
Social Science Elective (See Note 8.)	3
Foreign Language Elective (See Note 4.)	4
INST 101 Success in College	1
Total	17
<b>Second Semester</b>	
MATH 130 Calc & Analytic Geometry II	5
PHYS 106 Physics – Mechanics	4
CHEM 102 College Chemistry II	4
Foreign Language Elective (See Note 4.)	4
Total	17
<b>Summer</b>	
ENGL 102 Rhetoric & Composition II	3
Total	3
<b>Third Semester</b>	
MATH 140 Cal & Analytic Geometry III	3
PHYS 107 Physics – Heat, Magnetism and Electricity	4
PHYS 152 Applied Mechanics – Statics (See Note 6.)	3
MATH 110 Intro to Computer Science	3
Foreign Language Elective (See Note 4.)	4
Total	17
<b>Fourth Semester</b>	
PHYS 108 Physics: Wave Motion, Light and Modern Physics	4
MATH 211 Differential Equations	3
Humanities Elective	3
Humanities Elective	3
PHYS 211 Applied Mechanics – Dynamics (See Note 7.)	3
Total	16

## **Transfer Admission Requirements:**

1. ENGL 101 and ENGL 102
2. MATH 120, 130, and 140
3. CHEM 101 and 102 (Computer Engineering, Electrical Engineering, Computer Science, and Nuclear, Plasma and Radiological Engineering require only one semester of Chemistry). However, students who wish to earn DACC's AES degree must complete CHEM 102.
4. PHYS 106, 107, and 108
5. To be considered for admission, applicants must demonstrate mastery of subject matter by earning a minimum of a 3.0 GPA on a 4.0 scale in the required sciences and math, as well as a minimum 3.0 cumulative GPA for all coursework completed.
6. The Online Application is strongly encouraged. Your application will be processed more quickly and you will be able to check its status online. Online Applications can be accessed at [www.oar.uiuc.edu/prospective/ugrad/apply.html](http://www.oar.uiuc.edu/prospective/ugrad/apply.html).

## **NOTES:**

1. Students who have not had High School Trigonometry must take Trigonometry 114 at DACC prior to enrolling in Calculus 120. Students who have had High School Trigonometry must take DACC Trigonometry Placement Test prior to Calculus 120. The Math Department has determined that MATH 111 and MATH 114 cannot be taken in the same semester.
2. DACC recommends a three (3) hour course in Third World or Non-Western Culture, either in Humanities or Social Science.
3. 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.
4. Transfer students must complete either 3 years of a foreign language in high school or 2 semesters (through 2nd level) of one foreign language in college prior to the desired term of entry. Beginning college freshmen in Fall 2000 or later are required to complete through the 3rd year of the same foreign language in high school or through the 3rd level of college for graduation.
5. General, Industrial, Aerospace, Mechanical, Civil and Environmental Engineers should select CECN 102, Microeconomics, as this social science elective.
6. Aerospace, Agricultural, Civil, Engineering Mechanics, General, Industrial, and Mechanical Engineering majors should take PHYS 152.
7. Agricultural, Civil, Engineering Mechanics, General, Industrial, and Mechanical Engineering majors should take PHYS 211.
8. Aerospace Engineering majors should select CECN 103 Macroeconomics as this Social Science elective.
9. For further information, please contact:

Keri Niehans  
206 Engineering Hall, MC-266  
1308 W. Green Street  
Urbana, IL 61801  
Telephone: 217-333-2280

Email: [niehans@illinois.edu](mailto:niehans@illinois.edu)

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