

**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
Summer	
ENGL 101 Rhetoric & Composition I	3
CECN 102 Microeconomics	3
Total	6
First Semester	
CHEM 101 College Chemistry I	4
MATH 120 Cal & Analytic Geometry I	5
Social Science Elective	3
Foreign Language Elective (See Note 4.)	4
INST 101 Success in College	1
Total	17
Second Semester	
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
Summer	
ENGL 102 Rhetoric & Composition II	3
Total	3
Third Semester	
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
Fourth Semester	
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 110, 120, 130, and 140
3. CHEM 101 and 102 (Only Ag & Bio Engineering, Bioengineering, Civil Engineering, Engineering Mechanics, and Materials Science require the 2nd level 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. For Fall '21, the average transfer GPA for admitted students was 3.80.
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.

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. Engineering students must complete either 3 years of a foreign language in high school or 3 semesters (through 3rd level) of one foreign language in college for graduation.
5. Aerospace, Agricultural, Civil, Engineering Mechanics, General, Industrial, and Mechanical Engineering majors should take PHYS 152.
6. Agricultural, Civil, Engineering Mechanics, General, Industrial, and Mechanical Engineering majors should take PHYS 211.
7. For further information, please contact:

Engineering Transfer Programs
210 Engineering Hall
1308 W. Green Street
Urbana, IL 61801
Telephone: 217-333-2280
Email: engineeringtransfers@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.**