

Engineering Transfer Major - AS

West Burlington Campus, Online, and select courses available at the Keokuk Campus

The Engineering Transfer Major prepares students who plan to transfer to a four-year college to earn a degree in an engineering field. Students take core courses in math, science, and computer programming. Students interested in this transfer major should possess an interest in applying problem-solving skills in real world settings. Students may subsequently pursue four-year degrees in a variety of engineering fields, including mechanical engineering, electrical engineering, civil engineering, and aerospace engineering. Engineering majors with a bachelor's degree may find engineering careers in a variety of industries, such as computer hardware, transportation, and infrastructure. They may also find employment in industrial design.

Instructor and Staff

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Program Requirements

Fall I Semester	Credit
SDV-108 The College Experience	1
ENG-105 Composition I	3
MAT-210 Calculus I	4
CHM-165 General Chemistry I	4
Take one 3 Credit Course:	
ZZZ-ELE Elective Course	3-5
Semester Total.....	15
Spring I Semester	Credit
ENG-106 Composition II	3
MAT-216 Calculus II	4
CHM-175 General Chemistry II	4
ZZZ-HUM Humanities Course	3
ZZZ-SOC Social Science Course	3
Semester Total.....	17
Fall II Semester	Credit
ZZZ-CUL Cultural Awareness Course	3
PHY-212 Classical Physics I	5
SPC-112 Public Speaking	3
CIS-161 C++	3
Semester Total.....	14
Spring II Semester	Credit
ZZZ-HUM Humanities Course	3
PHY-222 Classical Physics II	5
MAT-227 Differential Equations with Laplace	4
ZZZ-SOC Social Science Course	3
Semester Total.....	15
Program Total.....	61