INTERDISCIPLINARY STUDIES, PRE-ENGINEERING CONCENTRATION, AS

The pre-engineering program is a 60 semester hour program leading to an Associate of Science in Interdisciplinary Studies. The program provides completion of Core IMPACTS and 18 credits of Lower Division Required Courses.

Program Requirements

Code	Title	Credit Hours
Core IMPACTS		**42**
All core curriculum recommendations are shown under the Core IMPACTS section of the Undergraduate Graduation Requirements. (https://catalog.clayton.edu/graduation-requirements/undergraduate-graduation-requirements/core-curriculum/#nonsciencemajorstext)		
Lower Division Field of Study Requirements		**18**
MATH 1501	Calculus I [1]	1
MATH 2140	Introductory Linear Algebra	3
MATH 2502	Calculus II [1]	1
MATH 2503	Calculus III	4
PHYS 2211 & 2211L	Principles of Physics I and Principles of Physics Lab I	4
PHYS 2212 & 2212L	Principles of Physics II and Principles of Physics Lab II	4
Elective credit [2]		
Total Credit Hours		**60**

Other Program-Specific Graduation Requirements

Associate of Science, Interdisciplinary Studies, (Pre-Engineering Concentration) students must earn a grade of C or better (or K) in the following:

- All MATH courses applied towards the degree
- All science courses (i.e., courses with BIOL, CHEM, or PHYS prefixes) applied towards the degree
- All CSCI courses applied towards the degree
- ENGL 1101 English Composition I and ENGL 1102 English Composition II; CRIT 1101 Critical Thinking

A maximum of one grade of D is allowed to be applied towards the degree.

1 MATH 1501 Calculus I and MATH 2502 Calculus II are 4 credit hour courses. If applied to Core IMPACTS, 1 hour will be used in Field of Study.

2 CSCI 1371 Computing for Engineers or CSCI 1301 Computer Science I is strongly recommended.