

# Degree plan

## Associate of Science

Course Name Credit Hours

Fall Semester 1

Analytic Geometry & Calculus I	5
College Chemistry I & Lab	5
Computer Concepts & Applications	3
English Composition I	3
Intro to Engineering & Design	2

Spring Semester 1

Analytic Geometry & Calculus II	5
Engineering Graphics	3
English Composition II	3
General Biology	5

Fall Semester 2

Arts/Humanities Sciences	3
Computer Aided Design	3
Engineering Physics I	5
Materials & Manufacturing Processes	3
Social/Behavioral Science Elective	3

Spring Semester 2

Arts/Humanities Sciences	3
Computer Aided Manufacturing	3
Engineering Mechanics	3
Public Speaking	3
Social/Behavior Science Elective	3

TOTAL: 66

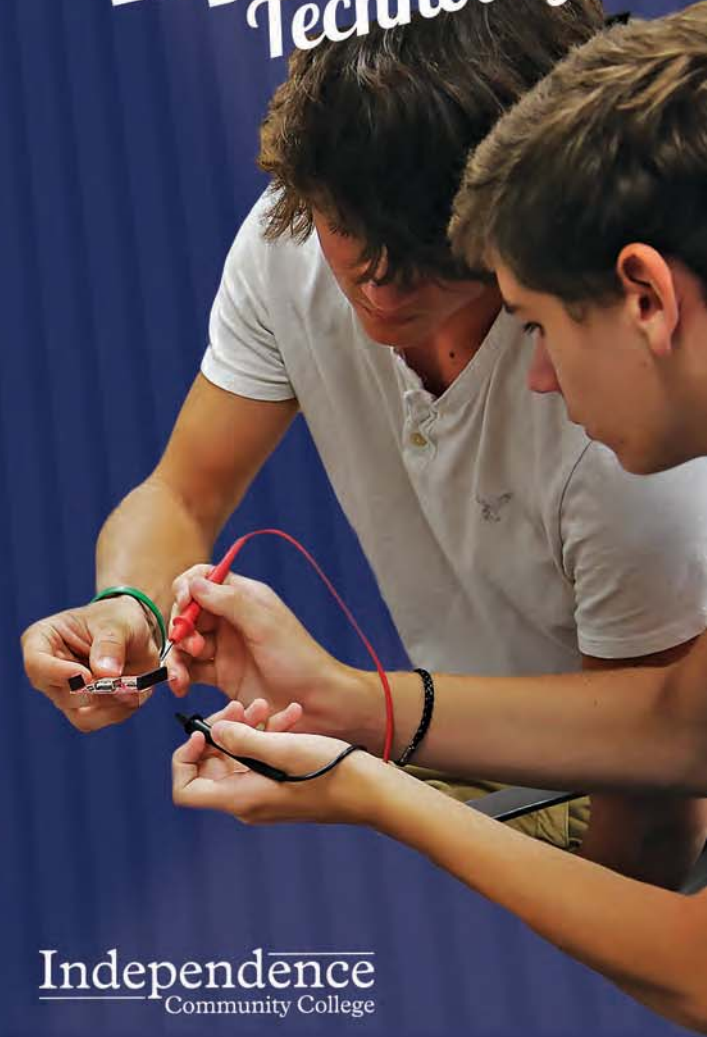
For more info....

Contact:

620-332-5400

admissions@indycc.edu

Engineering Technology



Independence  
Community College

1057 West College Avenue  
Independence, Kansas 67301  
www.indycc.edu  
620-332-4100



ICC is accredited by the Higher Learning Commission



# Why you should study engineering

## You can make a difference

Engineers have developed automobiles, space rockets, mobile phones and robotics. Society will always need engineers to help solve real world issues. You can help engineer a better tomorrow.

## You will work with others

Engineers innovate and create. You get to work with experts from different fields to provide solutions to complex challenges.

## You get to do cool stuff

Most jobs don't encourage you to express your creativity. Engineering allows you to use your creativity to develop or try out a new technology.

## You will earn top pay

According to payscale.com, the starting average pay for engineering graduates is the highest average for all majors.

# About Engineering Technology

Independence Community College introduced its redesigned Associate of Science degree in Engineering Technology in the fall of 2016. The program is designed to provide skills, knowledge and ability required to meet the needs of modern engineering.

**What can I do with my degree?**  
Engineering offers many choices. You can decide which one fits you; from electrical and mechanical to computer science, civil or industrial, etc. The various areas of engineering are all exciting and in high demand.

**Additional Education**  
The program is designed for a graduate to go directly into the workforce upon completion. It can also easily transfer to a four-year institution.



Come join ICC Engineering Technology. The courses are designed in an integrated way to build up your engineering expertise step by step. The program uses a balance of theory and practice, with many team-based projects in the Fab Lab, running alongside lectures.