

ENGINEERING

School of Mathematics, Science, and Engineering

Dean: Silvia Nadalet, Ed.D.

Department Chair: Grant Miller, M.S..

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School/Department Location: www.swccd.edu/cvlocation

Map: <https://goo.gl/maps/C4E3PnKsdU92> (<https://goo.gl/maps/C4E3PnKsdU92/>)

General Description

Engineering focuses on the application of scientific principles and knowledge of mathematics to create solutions for problems involving human, biological, and mechanical systems. Engineering is a broad discipline of related areas of study including civil, mechanical, electrical, computer, and industrial.

Career Options

Below is a sample of the career options available for the engineering major. A few of these require an associate degree, most require a bachelor's degree, and some require a graduate-level degree: technician, engineer's assistant, civil engineer, urban planner, biomedical engineer, electronics engineer, computer engineer, software designer, telecommunications specialist, computer architect, test engineer, environmental engineer, soil engineer, aerospace engineer, CADD specialist, product engineer, estimator, technical sales representative, construction manager, and general contractor.

Degree/Certificate Options	Major Code
Associate in Science Degree:	
Transfer Preparation	
Engineering (http://catalog.swccd.edu/associate-degree-certificate-programs/engineering/engineering-as/)	01565

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

Faculty

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