

# Fort Scott Community College

## Program of Study

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# Associate of Science

## Pre-Engineering and Physical Science

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### Associate of Science - Pre-Engineering / Physics Degree (ASP)\*

The Associate of Science - Pre-Engineering / Physics Degree is awarded to students who have successfully completed an intensive, comprehensive two-year program that blends general and specialized career education. In addition to overall associate degree requirements, each candidate for the Associate of Science Pre-Engineering / Physics Degree must complete math and science requirements in preparation for transferring to a four-year program.

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**General Core Requirements:** The following is a list of courses that meet specific general education requirements. Some programs may require many hours of the following, but some may have fewer, more specific requirements. Please consult your advisor for more information.

#### English/Communications (9 hours)

English 1013 & 1023  
Public Speaking

#### Math

Calculus I, Calculus II, Calculus III (13 hours)

#### Physical Science

Physics I and II (10 hours)

Statics (3 hours)

General Chemistry I and II (10 hours)

#### Social or Behavioral Science (6 hours).

General Psychology	Developmental Psychology
Sociology	Social Problems
Marriage & Family	Micro Economics
Macro Economics	Women in Society
American Government	State & Local Government
Current World Affairs	World Regional Geography

#### Computer Science (3 hours)

C++ Programming.

#### FSCC Requirements (2 hours)

College Orientation      Capstone

#### Cultural Studies/Language (3 hours)

Foreign Language	History of Civilizations I or II
Religions of Mankind	Humanities Travel Experience
Cultural Anthropology	World Regional Geography

#### Arts and Humanities (3-5 hours)

<u>Art</u>	<u>Music</u>
Art Appreciation	Music Appreciation
Art History	Introduction to Music Literature

<u>Drama</u>	<u>Philosophy</u>
Theater Appreciation	Philosophy of Life

<u>History</u>	<u>Religion</u>
U.S. History	Old Testament Heritage

Literature  
All Literature courses except Children's Literature

#### Physical Education (1 hour)

Lifetime Fitness Concepts  
Any physical activity course excluding varsity sports

Developmental courses cannot be counted towards the 63 hours needed for the Associate Degree.

*Note: The AA satisfies all of your general education requirements through articulation agreements with all Kansas 4-year institutions.*