



AS 4076 Mathematics
Effective Fall 2018

60 Credits

This is an overview of the program. Any suggested course sequencing is meant to serve as a guideline for your semester planning. Students are expected to see your assigned advisor to develop and review their individual educational plans. The scheduling of courses, program sequencing and curriculum are subject to change.

Developmental Courses (as determined through College Placement Testing)* and Prerequisites:

*** Zero level courses must be completed with a C grade or higher.**

<input type="checkbox"/>	ESL classes	<input type="checkbox"/>	Engl 050	<input type="checkbox"/>	Math 006	<input type="checkbox"/>	Math 033	<input type="checkbox"/>	Math 103/104
<input type="checkbox"/>	Engl 002	<input type="checkbox"/>	Engl 051	<input type="checkbox"/>	Math 090	<input type="checkbox"/>	Math 044	<input type="checkbox"/>	Math 119
<input type="checkbox"/>	Engl 003	<input type="checkbox"/>	Engl 057	<input type="checkbox"/>	Math 008	<input type="checkbox"/>	Math 045		
<input type="checkbox"/>	Engl 007			<input type="checkbox"/>	Math 022	<input type="checkbox"/>	Math 055		

General Education Courses

ENGL 101	3cr	Prerequisites: Completion of ENGL 003 and 051 or 057 with a C or higher
ENGL 102 or 104	3cr	Prerequisites: Completion of ENGL 101 and 003 with a C or higher
COMM 101	3cr	Prerequisites: Completion of ENGL 003 and 051 or 057 with a C or higher
Humanities and Arts	3cr	Select from: Art 181 or 182; ENGL 206; HUM 101, 115 201; MUS 104; PHIL 200, THTR 101 or a Foreign Language Course
Social Behavioral Science	3cr	Any Core B
General Education Transfer Electives	17cr	See transfer college checksheet for 17 credits of transferable elective credits
PE/Wellness	1cr	See catalog for a list of Wellness courses
First Year Seminar (FYS)	1cr	Please see HACC catalog for a list of approved courses

Required Program Courses

CPS 121	3cr	Computer Science I – Introduction to Computer Programming JAVA	Prerequisite: Completion of Math 103 with a C or higher
MATH 121	4cr	Calculus I	Prerequisites Completion of Math 119 with a C or higher
MATH 122	4cr	Calculus II	Prerequisite: Completion of Math 121 with a C or higher
MATH 125	3cr	Discrete Mathematics	Prerequisite: Completion of Math 119 with a C or higher
MATH 221	4cr	Calculus III	Prerequisite: Completion of Math 122 with a C or higher
MATH 220 OR MATH 222	4cr	Linear Algebra OR Differential Equations	Prerequisite: Either Option – completion of Math 122 with a C or higher
PHYS 211	4cr	Physics for Engineers & Scientists I	Prerequisite: Completion of Math 121 with a C or higher

Counselor/Advisor Contact Information by Campus:

<u>Gettysburg</u>	<u>Harrisburg</u>	<u>Lancaster</u>	<u>Lebanon</u>	<u>York</u>
Student Services	Counseling and Advising	Counseling and Advising	Receptionist Desk	Counseling and Advising
Lobby	Cooper 219	221 Main	Lobby	Leader Suite 104
717-337-3855	717-780-2498	717-358-2988	717-270-4222	717-801-3213