

Transfer Guide and Degree Map

Pennsylvania Highlands Community College:
Associate of Applied Science degree in Information Technology: Cyber Security (Track)
Mount Aloysius College: Bachelor of Science – Information Technology

First Semester

Pennsylvania Highlands			Mount Aloysius College		
Course	Title	Credits	Course	Title	Credits
CIT100	Microcomputer Applications	3	CSIT103	Communication Technology Literacy	3 ELEC
CIT132	Local Area Networks	4	CSIT223	Introduction to Networking Systems	4 MAJOR
CIT173	Windows Enterprise Desktop Operating Systems	3	CSIT226	PC Operating Systems	3 MAJOR
ENGL110	English Composition	3	ENGL110	Composition and Rhetoric	3 CORE
ACPI00	Academic and Career Planning	1	ELEC	General Elective	1 ELEC
Elective	Social Science (HIS100, HIS110, GOV100)	3	HPGA201 or HPGA202 or HPGA203	American History to 1877 or American History since 1877 or American National Government	3 CORE

Second Semester

Pennsylvania Highlands			Mount Aloysius College		
Course	Title	Credits	Course	Title	Credits
CIT165	Hardware Components	3	CSIT225	PC Architecture and System Design	3 MAJOR
CIT196	Database Management	3	CSIT206B	Database Management Systems	3 MAJOR
CIT226	Windows Server Management	4	CSIT228	Client/Server-based Operating Systems	4 MAJOR
CIT293	Wireshark Network Analysis	4	CSIT 275	Wireshark Network Analysis	4 MAJOR
LIF111	Health and Wellness	3	HLTW217	Health and Wellness Across the Lifespan	3 ELEC

Third Semester

Pennsylvania Highlands			Mount Aloysius College		
Course	Title	Credits	Course	Title	Credits
CIT166	Visual Basic Programming	3	CSIT220	Visual BASIC Programming	3 MAJOR
CIT292	Network Security	3	CSIT255	Information Assurance	3 MAJOR
COM101	Public Speaking	3	COMM260	Public Speaking	3 ELEC
MAT145	College Algebra	3	MATH112	College Algebra	3 ELEC
Elective	Science	3-4	ELEC	Science Elective	3-4 ELEC

Fourth Semester

Pennsylvania Highlands			Mount Aloysius College		
Course	Title	Credits	Course	Title	Credits
CIT222	Linux Operating System	3	CSIT229	Introduction to LINUX	3 MAJOR
CRJ135	Introduction to Cybercrime	3	CSIT250	Cyber Crimes	3 MAJOR
CIT285	Network Administration Project	2	CSIT281D	Special Topic: Computer Science - Design	2 ELEC
CIT290	Network Administration Internship	3	CSIT281	Special Topic: Computer Science - Design	3 MAJOR
CIT294	Ethical Hacking	3	CSIT281	Special Topic: Computer Science - Design	3 ELEC

Remaining Degree Requirements at Mount Aloysius College

Remaining Core Requirements

<i>Course</i>	<i>Title</i>	<i>Cr</i>	<i>Offered</i>
ART/ENGL/TH EA/MUSC	Lower Level Aesthetics Course	3	Every semester
ENGL210	Multi-Genre Writing	3	Every semester
ENGL300/400	Upper Level Aesthetics Course	3	Every semester
RLST/PHIL	Lower Level Faith and Reason Course	3	Every Semester
RLST 300/400	Upper Level Faith and Reason Course	3	Every semester
CORE100	Big Ideas: Effective Reasoning and Comm	2	Every semester
CORE200	Global Understanding: Strategies for Changemakers I	3	Every semester
CORE400	Global Understanding: Strategies for Changemakers II	2	Every semester
MATH111	The Three C's: Calculate, Critique, Compute	3	Every semester
MATH220	Intro to Statistics	3	Every Semester
	Total	28	

Remaining Major and Other Course Requirements

<i>Course</i>	<i>Title</i>	<i>Cr</i>	<i>Offered</i>
CSIT101	Computer Science Principles	3	Fall
CSIT125P	Programming for Beginners	3	
CSIT201	Cybersecurity Fundamentals	3	
CSIT345	Information Technology Internship	3	Every semester
CSIT402	IT Research	3	Spring semester
FIN222	Personal Finance	3	Spring semester
	BUS/MGMT/MKTG Elective	3	Every semester
COMM 300 level	Any 300-Level COMM Course	3	Every Semester
COMM313	Professional Communication	3	Every semester
	Total	27	

Total Number of Free Electives: 4-3 credits – Total impacted by elective courses taken at PHCC.

Total Credits at MAC: 58-59

Mount Aloysius College Graduation Requirements:

- Cumulative Grade Point Average of 2.0 or higher
- Completion of all major course work with a grade of C or better
- Completion of declared minor, specialization, concentration, or certificate course work with a grade of C or better
- Completion of 30 credits of 300/400 level course work at MAC with 18 credits being in the major
- Completion of last 30 credits in residence at MAC
- Completion of a total 120 credits for the degree.