

# Transfer Guide and Degree Map

Pennsylvania Highlands Community College:  
Associate of Applied Science degree in Computer 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
FYE 101	First Year Experience	1	LIBA 150	College Success	1 CORE
CIT 117	Intro to Information Security	3	CSIT 101	Computer Science Principles	3 MAJOR
ENG 110	English Composition	3	ENGL110	Composition and Rhetoric	3 CORE
CIT 132	Local Area Networks	4	CSIT 223	Introduction to Networking Systems	4 MAJOR
Elective	Information Technology	3		CSIT 103*, CSIT 226, CSIT 220, CSIT 206B, CSIT 225, CSIT 229	3 MAJOR
Elective	Cyber Security	3	CSIT 250, CSIT 201, CSIT ELEC, CSIT 201, or CSIT 281	Cyber Crimes, Cybersecurity Fundamentals, CSIT Elective Credit, Cybersecurity Fundamentals, or Special Topics in Computer Science	3 ELEC

## Second Semester

Pennsylvania Highlands			Mount Aloysius College		
Course	Title	Credits	Course	Title	Credits
CIT 226	Windows Server Management	4	CSIT 228	Client/Server-based Operating Systems	4 MAJOR
CIT 293	Wireshark Network Analysis	4	CSIT 275	Wireshark Network Analysis	4 MAJOR
LIF 111	Health and Wellness	3	HLTW217	Health and Wellness Across the Lifespan	3 ELEC
Elective	Information Technology	3		CSIT 103*, CSIT 226, CSIT 220, CSIT 206B, CSIT 225, CSIT 229	3 MAJOR
Elective	Cyber Security	3	CSIT 250, CSIT 201, CSIT ELEC, CSIT 201, or CSIT 281	Cyber Crimes, Cybersecurity Fundamentals, CSIT Elective Credit, Cybersecurity Fundamentals, or Special Topics in Computer Science	3 ELEC

## Third Semester

Pennsylvania Highlands			Mount Aloysius College		
Course	Title	Credits	Course	Title	Credits
COM 101	Public Speaking	3	COMM 260	Public Speaking	3 ELEC
MAT 145	College Algebra	3	MATH112	College Algebra	3 ELEC
Elective	Science	¾	ELEC	Elective	3 ELEC
CIT292	Network Security	3	CSIT255	Information Assurance	3 MAJOR
Elective	Cyber Security	3	CSIT 250, CSIT 201, CSIT ELEC, CSIT 201, or CSIT 281	Cyber Crimes, Cybersecurity Fundamentals, CSIT Elective Credit, Cybersecurity Fundamentals, or Special Topics in Computer Science	3 ELEC

## Fourth Semester

Pennsylvania Highlands			Mount Aloysius College		
Course	Title	Credits	Course	Title	Credits
CIT294	Ethical Hacking	3	CSIT281	Special Topic: Computer Science - Design	3 ELEC
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
Elective	Cultural Awareness & Diverse Perspectives	3	ENGL, ART, THEA, MUSC	Lower Level Aesthetics Course	3 CORE
Elective	Cyber Security	3	CSIT 250, CSIT 201, CSIT ELEC, CSIT 201, or CSIT 281	Cyber Crimes, Cybersecurity Fundamentals, CSIT Elective Credit, Cybersecurity Fundamentals, or Special Topics in Computer Science	3 ELEC

### Remaining Degree Requirements at Mount Aloysius College

#### Remaining Core Requirements

Course	Title	Cr	Offered
ENGL210	Multi-Genre Writing	3	Every semester
ENGL300/400	Upper Level Aesthetics Course	3	Every semester
RLST 300/400	Upper Level Faith and Reason Course	3	Every semester
CORE400	Global Understanding: Strategies for Changemakers II	2	Every semester
HPGA	History, Politics, and Geographic Analysis Course	3	
	<b>Total</b>	<b>14</b>	

#### Remaining Major and Other Course Requirements

Course	Title	Cr	Offered
CSIT125P	Programming for Beginners	3	
CSIT 206B	Database Management Systems	3	
CSIT201	Cybersecurity Fundamentals	3	
CSIT 225	PC Architecture and System Design	3	
CSIT 226	PC Operating Systems	3	
CSIT 229	Intro to Gnu/LINUX	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
MATH 220	Intro to Statistics	3	
COMM 300 level	Any 300-Level COMM Course	3	Every Semester
COMM313	Professional Communication	3	Every semester
	<b>Total</b>	<b>39</b>	

**Total Number of Free Electives:** 7 credits Total impacted by elective courses taken at PHCC.

**Total Credits at MAC:** 53

#### 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.

\*CSIT 103 will count as ELECTIVE Credits and is not included in MAJOR Course Requirements.