

PROGRAM MAP

# ASSOCIATE OF APPLIED SCIENCE IN IT - CYBER SECURITY

A student's placement on this program map is contingent upon meeting prerequisite or other academic requirements.



**PENNSYLVANIA  
HIGHLANDS  
COMMUNITY COLLEGE**

[PENNHIGHLANDS.EDU](http://PENNHIGHLANDS.EDU)

**SEMESTER 1**

ACP 100   Academic & Career Planning	1
CIT 100   Microcomputer Applications	3
CIT 132   Local Area Networks	4
CIT 173   Windows Enterprise Desktop Operating Systems	3
ENG 110   English Composition I	3
ELECTIVE   Social Science	3
<b>SEMESTER TOTAL CREDITS: 17</b>	

**CREDITS**

**SEMESTER 2**

CIT 165   Hardware Components	3
CIT 196   Database Management	3
CIT 226   Windows Server Management	4
CIT 293   Wireshark Network Analysis	4
LIF 111   Health and Wellness	3
<b>SEMESTER TOTAL CREDITS: 17</b>	

**CREDITS**

**SEMESTER 3**

CIT 166   Visual Basic Programming	3
CIT 292   Network Security	3
COM 101   Public Speaking	3
MAT 145   College Algebra	3
ELECTIVE   Science	3-4
<b>SEMESTER TOTAL CREDITS: 15-16</b>	

**CREDITS**

**SEMESTER 4**

CIT 222   Linux Operating System	3
CIT 285   Network Administration Project	2
CIT 290   Network Administration Internship	3
CIT 294   Ethical Hacking	3
CRJ 135   Introduction to Cybercrime	3
<b>SEMESTER TOTAL CREDITS: 14</b>	

**CREDITS**

**TOTAL CREDITS COMPLETED: 63-64**

**IMPORTANT NOTES:**

Students should seek an appointment with an academic advisor to determine the courses that properly meet each individual's academic goals and to discuss any and all transfer options. After completion, graduates can transfer seamlessly to Mount Aloysius College, Robert Morris University, Saint Francis University, or Southern New Hampshire University as junior status or higher.

*Pennsylvania Highlands is a National Center of Academic Excellence in Cyber Defense as designated by the National Security Agency and the Department of Homeland Security.*

**Registration Contact Information:**

Contact the Registrar's Office for additional information at registrar@pennhighlands.edu or 814.262.6439.

**ELECTIVES LIST:**

**Science:** AST 100, BIO 102, BIO 104/114, CHM 106, CHM 120, GLG 102/103, PHY 102/103, PHY 110/111

**Social Science:** ANT 100, CIV 100, CIV 110, ECO 100, ECO 110, GEO 100, GEO 110, GOV 100, GOV 210, HIS 100, HIS 110, HIS 200, HIS 205, HIS 210, HIS 220, HIS 250, PSY 100, SOC 100

*\*Students must select one course from the Science Electives and one course from the Social Science electives to satisfy the credit.*



**DISCOVER YOU**

Information contained in this mapping document is to the best knowledge of Pennsylvania Highlands Community College staff, and considered correct when published. This mapping document is not considered a contract.

Academic Catalog 2022-2023

REGISTRAR'S OFFICE: 814.262.6439  
STUDENT SUCCESS CENTER: 814.262.6451