

PROGRAM MAP

# ASSOCIATE OF APPLIED SCIENCE IN IT - NETWORK ADMINISTRATION

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



PENNHIGHLANDS.EDU

**SEMESTER 1**

ACP 100   Academic & Career Planning	1
CIT 100   Microcomputer Applications	3
CIT 173   Windows Enterprise Desktop Operating Systems	3
CNT 100   Networking Basics	5
ENG 110   English Composition I	3
<b>SEMESTER TOTAL CREDITS: 15</b>	

**CREDITS**

**SEMESTER 2**

CIT 165   Hardware Components	3
CIT 196   Database Management	3
CNT 200   Routing and Switching Essentials	5
LIF 111   Health and Wellness	3
MAT 145   College Algebra	3
<b>SEMESTER TOTAL CREDITS: 17</b>	

**CREDITS**

**SEMESTER 3**

CIT 292   Network Security	3
CNT 210   Advanced Routing & Switching Technology	5
COM 101   Public Speaking	3
ELECTIVE   Science	3-4
ELECTIVE   Social Science	3
<b>SEMESTER TOTAL CREDITS: 17-18</b>	

**CREDITS**

**SEMESTER 4**

CIT 202   Management Information Systems	3
CIT 285   Network Administration Project	2
CIT 290   Network Administration Internship	3
CNT 220   WAN Technologies	5
<b>SEMESTER TOTAL CREDITS: 13</b>	

**CREDITS**

**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.

**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.*

**TOTAL CREDITS COMPLETED: 62-63**



**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