



IT Generalist Registered Apprenticeship

- Heartland Community College Computer Network Technology AAS
- Heartland Community College Certificates: Computer Support Specialist Certificate, Computer Networking CISCO Academy Certificate, Computer Networking Cyber Security Certificate
- Eligible to sit for the CompTIA A+, CompTIA Network+, CISCO Certified Network Associate Credential Exams
- 2-year program

HEARTLAND COMMUNITY COLLEGE APPRENTICESHIP PROGRAM IT Generalist

Course	Course Name	Credit Hours
Fall 1		
MATH	Any college level Math course or TMAT 103	3-4 cr.
NETW 131	Introduction to Networks - 8W1	3 cr.
NETW 132	Switching, Routing & Wireless Essentials - 8W2	3 cr.
NETW 150	Workstation Operating Systems	3 cr.
NETW 151	PC Hardware Maintenance & Repair	3 cr.
		Total: 15 cr.
Spring 1		
CTEC 156	Word Level 1	1 cr.
NETW 133	Enterprise Networking, Security & Automation - 8W1	3 cr.
NETW 160	Introduction to Networking	3 cr.
ENGL 101	Critical Reading & Writing	3 cr.
Science	Any Life or Physical Science course	3 cr.
		Total: 13 cr.
Summer 1		
TECH 299	Internship in Technology	1 cr.
		Total: 1 cr.



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Course	Course Name	Credit Hours
Fall 2		
BTEC 115 or COMM 101	Business Communications or Intro to Oral Communication	3 cr.
NETW 140	Introduction to Scripting & Network Programming	3 cr.
NETW 167	Windows Server Administration	3 cr.
NETW 182*	Linux Administration	3 cr.
NETW 184*	Cyber Ops	3 cr.
		Total: 15 cr.
Spring 2		
BTEC 145	Excel Level 1	1 cr.
CTEC 145	Employment Success Strategies	1 cr.
NETW 134	Networking Capstone & Boot Camp	2 cr.
NETW 170	Network Security Fundamentals	3 cr.
NETW 185	Cloud Computing	3 cr.
NETW 208**	Data and Cabling Systems	3 cr.
		Total: 13 cr.
Summer 2		
Social Science	Any IAI Social Science course	3 cr
		Total: 3 cr.
TOTAL CREDIT HOURS		60

* denotes a fall only class

** denotes a spring only class

*proficiency exam available

Courses subject to change

Funding for printing provided in whole or part by the Apprenticeship Expansion grant.

CALL THE OFFICE OF APPRENTICESHIP (309) 268-8833

www.heartland.edu/Apprenticeships