COMPUTER & INFORMATION TECHNOLOGY (CIT)

The CIT Program prepares students for high paying jobs in several areas of Technology. We offer both an Associate in Applied Science Degree as well as certificates in the program.
The curriculum is supported by a solid foundation of core courses that focus on problem solving and communication skills for IT Professionals involved in a Computer Network environment.
This program includes tracks in Applications, Information Security, Internet Technologies, Network Administration, Network Technologies, and Programming, with a core of courses common to all.
The core includes a general education component essential to a collegiate education and a technical component giving students an introduction to information systems, computer applications, program development, system maintenance, networking, security, Internet technologies, database design, and collaborative system development.
In addition to core courses, students take specialty courses for their selected track.

Contact Person:

Barry Phelps

CIT Program Coordinator

(270) 831-9678

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ABOUT HCC…

In the fall of 1960, the Northwest Extension of the University of Kentucky opened its doors for the first time to 256 Henderson, Union, and Webster County residents. In 1964, the Northwest Extension became Henderson Community College (HCC), a charter member of the University of Kentucky Community College System. Henderson Community College became a member of the Kentucky Community and Technical College System (KCTCS) in 1998.

Henderson Community College is accredited by the Commission on Colleges of the Southern Association of College and Schools, 1866 Southern Lane, Decatur, Georgia 30003, or call (404) 679-4501, for questions about the accreditation of Henderson Community College.

Revised 06/2014

Subject to change.

HCC is an equal opportunity employer and education institution.

Member of Kentucky Community and Technical College System and American

Henderson Community College

HIGHER EDUCATION BEGINS HERE

COMPUTER & INFORMATION TECHNOLOGY

Certificates

Vol. 3

11. ***NET+ CERTIFICATE***
12. ***CISCO NETWORKING ENHANCED***
13. ***SECURITY+ CERTIFICATE***
14. ***MICROSOFT ENTERPRISE ADMINISTRATOR***

2660 South Green Street
Henderson, KY 42420
(270) 831-9768 or (800) 696-9958

henderson.kctcs.edu

Academic Success

Some academic success courses may be required depending upon the prerequisites for coursework in that certificate. Proficiency in academic success courses can be demonstrated by taking the compass placement examination.

Academic Success Requirements

ENC 090 - Foundations of College Writing I	3*
ENC 091 - Foundations of College Writing II	3*
MAT 055 - Pre-Algebra	3*
MAT 065 - Basic Algebra with Measurements	3*
RDG 010 - Introduction to College Reading	3*
RDG 020 - Improved College Reading	3*
RDG 030 - Reading for the College Classroom	3*

** Courses numbering 001-099 and MAT 108 and MAT 120 do not count toward the determination of grade point average or as credit toward graduation.*

** MAT 85 or MAT 120 or MAT 126 must be taken before MAT 150*

Net + Certificate

The Net+ Certificate offers students the opportunity to earn a credential demonstrating the fundamentals of computer networking. This certificate consists of the core skills that students need to effectively build and maintain computer networks. In addition, this certificate will provide a way for professionals currently in the industry to update their computer networking skills and for new students to show progress in the CIT program. The Net+ Certificate prepares students for the CompTia Net+ exam which is recognized by the computer industry around the world.

	Credit Hrs.
CIT 160 - Introduction to Networking Concepts	4
Subtotal Technical Core	**4**

CISCO Networking Enhanced Certificate

The CISCO Networking Enhanced Certificate offers students the opportunity to earn a credential demonstrating the fundamentals of computer networking. This certificate consists of the core skills that students need to effectively build and maintain computer networks. In addition, this certificate will provide a way for professionals currently in the industry to update their computer networking skills and for new students to show progress in the CIT program. The CISCO Networking Associate Certificate prepares students for the CCNA and Net+ exams which are recognized by the computer industry around the world.

	Credit Hrs.
CIT 161 - Introduction to Network	4
Network Associate Track Specialization Sequences	12
Approved CIT Technical Courses	8-9
Subtotal Technical Core	**24-25**

Security + Certificate

The Security+ Certificate offers students the opportunity to earn a credential demonstrating the fundamentals of information security. This certificate consists of the core skills that students need to effectively build and maintain information security systems. In addition, this certificate will provide a way for professionals currently in the industry to update their computer networking skills and for new students to show progress in the CIT program. The Security+ Certificate prepares students for the CompTia Security+ exam which is recognized by the computer industry around the world.

CIT 180 - Security Fundamentals	3
Subtotal Technical Core	**3**

Microsoft Enterprise Administrator Certificate

The Microsoft Enterprise Administrator certificate offers students the opportunity to earn a credential demonstrating skills in the administration and design of Microsoft enterprise networks. This certificate consists of the core skills that students need to effectively plan, build, and maintain a Microsoft network. In addition, this certificate will provide a way for professionals currently in the industry to update their Microsoft network administrator skills.

	Credit Hrs.
Level I Networking Course	4
CIT 213 - MS Client/Server Configuration	3
CIT 214 - Server Infrastructure OR	3
CIT 215 - Microsoft Server Administration	3
CIT 216 - Microsoft Server Advanced Services	3
Additional Microsoft course as approved by CIT program coordinator	3
Approved CIT Technical Courses	3
Subtotal Technical Core	**22**