

# HEALTHCARE COMPUTER TECHNICIAN (AAS)

## Associate of Applied Science

### Career-Technical Program

#### Interest Areas:

**Business Admin. and Management  
Healthcare  
Science, Tech., Engr. and Math**

Healthcare computer technicians install, configure, and troubleshoot hardware, software, and networking in medical and clinical settings. Healthcare computer technicians are essential in maintaining a high quality of care to patients in hospitals nationwide.

Due to the widespread implementation and complexity of computerized health information, computer IT specialists with knowledge of healthcare practices are in high demand. The purpose of this program is to prepare people for entry-level employment in this exciting field. This program may be used to help prepare for CompTIA HIT-001 Healthcare IT Technician certification.

Note: Students who wish to enroll in this program must apply to the first year CITE program and meet the selective enrollment criteria for that program. Contact the Career and Technical advisor for information on selective enrollment criteria. Students waiting to be granted admission into the CITE program are able to register and take the courses that do not have the CITE prefix.

Program Website ([https://www.nic.edu/programs/viewprogram.aspx?program\\_id=85](https://www.nic.edu/programs/viewprogram.aspx?program_id=85))

## Program Requirements

Course	Title	Credits
<b>Semester 1</b>		
CITE-116	Desktop Operating System Support	3
CITE-118	Computer Information Technology Essentials	2
CITE-119	Computer Information Technology Essentials Projects	2
CITE-127	Desktop Commodity Operating System Support Projects	2
ENGL-101	English Composition	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	15-17
<b>Semester 2</b>		
CITE-104	Systems Administration I	3
CITE-105	Systems Administration I Projects	3
CITE-121	Network Support I	3
CITE-122	Network Support I Projects	3
COMM-101	Introduction to Speech Communication	3
	Credits	15
<b>Semester 3</b>		
CAOT-140	Database/Access I	1
CAOT-168	Integrated Medical Office Software	3
CAOT-179	Medical Terminology	2
CAOT-180	Legal Issues in Health Care	1
HCIT-101	Health Information I	4

HCIT-110	SQL Fundamentals	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	17
<b>Semester 4</b>		
CAOT-186	Medical Coding	3
EMRS-122	Installing Configuring EHRs	3
HCIT-210	Health IT Customer Service	3
HCIT-220	Healthcare Computer Technician Internship	3
A.A.S. Institutionally Designated		3
	Credits	15
	Total Credits	62-64

### Course Key



GEM



WCHE



AAS



Gateway



Milestone

Institutionally  
Designated

## Program Outcomes

Upon completion of the program, students will be able to:

- Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in entry-level healthcare computer technician positions.
- Demonstrate the ability to setup a basic PC workstation within a healthcare environment.
- Troubleshoot and solve common PC problems.
- Install and configure hardware drivers and devices.
- Set up basic network devices and apply basic configuration settings.
- Apply best practices when creating and communicating passwords.
- Identify common security risks and their prevention methods.
- Implement best practices in secure disposal of electronic or physical protected health information (PHI).
- Access online tools and resources to assist with installing, configuring, and troubleshooting EHR/EMR hardware and software.
- Communicate effectively as part of an interdisciplinary team to develop plans, achieve goals, and solve problems related to IT support in healthcare-related facilities.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.