

IOT / Cyber Security / IT Credentials TechCred Approved



CompTIA Network+

CompTIA Network+ covers the configuration, management, and troubleshooting of common wired and wireless network devices. Also included are emerging technologies such as unified communications, mobile, cloud, and virtualization technologies. Specific areas of focus include critical security concepts to helping networking professionals work with security practitioners, key cloud computing best practices and typical service models, coverage of newer hardware and virtualization techniques and concepts to give individuals the combination of skills to keep the network resilient.

**This course will prepare the participant to sit for the certification exam.*

CompTIA Security+

The Security+ exam will certify that you have the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. This powerful credential will help take your IT career to the next level.

**This course will prepare the participant to sit for the certification exam.*

Location: Northwest State Community College

Time: TBD

Date: TBD

**Per Person Fee for each: CompTIA Network+ or
CompTIA Security+**
\$2,195

How to Register: Email CTS at
cts.archbold@northweststate.edu
or call Tori Atkinson at 419-267-1219

Refund/Cancellation Policy: You can withdraw from any class up to 3 days before its start. No refunds are issued for no-shows, substitutions are welcome

Exam: Each of these courses will prepare the participant to sit for the certification exam.

Certification Exam fee is NOT included.

Microsoft Specialist: Programming in C#

This course will provide the participant with the skills needed to successfully pass the Microsoft Specialists, Programming in C# certification.

The course will consist of the following skillsets which align to the certification exam. The percentages indicate the relative weight of each major topic area on the exam.

Manage Program Flow (25-30%)

- Implementing multithreading and asynchronous processing
- Manage multithreading
- Implement program flow
- Create and implement events and callbacks
- Implement exception handling

Create and Use Types (25-35%)

- Create Types
- Consume types
- Enforce encapsulation
- Create and implement a class hierarchy
- Find, execute, and create types at runtime by using reflection
- Manage the object life cycle
- Manipulate strings

Debug Applications and Implement Security (25-30%)

- Validate application input
- Perform symmetric and asymmetric encryption
- Manage Assemblies
- Debug an application
- Implement diagnostics in an application

Implement Data Access (25-30%)

- Perform I/O operations
- Consume data
- Query and manipulate data and objects by using LINQ
- Serialize and deserialize data
- Store data in and retrieve data from collections

**This course will prepare the participant to sit for the certification exam.*

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Time: TBD

Date: TBD

Per Person Fee for Programming in C#
\$2,395

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