



CIST Networking eMAP

START HERE: Program of Study: *Networking Specialist Diploma or AAS Degree*

If you have any Computer or Networking Experience consider taking the Exemption Tests for: CIST 1001 and/or CIST 1401

Complete any required Learning Support or begin taking program classes

Complete (if you have not already exempted):

- CIST 1001 – Computer Concepts (4 Credit hours)
- CIST 1130 Operating Systems Concepts(3 Credit hours)
- CIST 1401 – Networking Fundamentals(4 Credit hours)
- MATH 1111(for degree) or MATH 1012(for diploma) (3 Credit hours)

Then, complete:

- ENGL 1101(for degree) or ENGL 1010(for diploma) (4 Credit hours)
- CIST 1122 – Hardware Installation and Maintenance(4 Credit hours)
- CIST 1601 – Information Security Fundamentals. (3 Credit hours)
- CIST 1602 - Security Policies and Procedures (3 Credit hours)

Choose two Specializations from the three Specializations

Microsoft Specialization (4 Courses)

- CIST 2411 – Microsoft Windows Client(4 Credit hours)
- CIST 2412 - Microsoft Server Administration(4 Credit hours)
- CIST 2413 - Microsoft Server Infrastructure(4 Credit hours)
- CIST 2414 - Microsoft Server Administrator(4 Credit hours)

Faculty Advisors

Cleo Okere, Cleo.Okere@chattahoocheetech.edu, Marietta
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Academic Advisors

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Cisco Specialization (4 Courses)

- CIST 2451 – Introduction to Cisco Networks(4 Credit hours)
- CIST 2452 – Routing and Switching Essentials (4 Credit hours)
- CIST 2453 – Scaling Networks(4 Credit hours)
- CIST 2454 – Connecting Networks(4 Credit hours)

Linux Specialization (4 Courses)

- CIST 2431 – UNIX/Linux Introduction(4 Credit hours)
- CIST 2433 – UNIX/Linux Advanced Server(4 Credit hours)
- CIST 2432 – UNIX/Linux Server(4 Credit hours)
- CIST 2434 – UNIX/Linux Scripting(4 Credit hours)

Then, complete:

- PSYC 1101 (for degree) or PSYC 1010(for diploma) (3 Credit hours)

Complete and submit your Petition for Graduation for:

◆ *Diploma in CIST Networking* ◆ *Cisco TCC* ◆ *CompTIA A+ TCC*

Then, change Program of Study to Associate of Applied Science Degree, if you not already done so.

Complete:

- Humanities/Fine Arts Elective(3 Credit hours)
- Any additional Gen Ed Elective (3 Credit hours)

Complete and submit your Petition for Graduation for:

◆ *Associate of Applied Science Degree in CIST Networking*
◆ *Cisco TCC* ◆ *CompTIA A+ TCC*

Advising disclaimer: **This eMap along with meeting regularly with your program advisor and using DegreeWorks will help you stay on track to finish your program as quickly as possible and graduate from CTC**

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START HERE: Cisco Network Specialist TCC

Note: This TCC can be completed in two terms.

CIST 2451 – Introduction to Cisco Networks (4 Credit hours)

CIST 2452 – Routing and Switching Essentials (4 Credit hours)

CIST 2453 – Scaling Networks (4 Credit hours)

CIST 2454 – Connecting Networks (4 Credit hours)

START HERE: CompTIA A+ Certified Technician Preparation Certificate

Note: This TCC can be completed in two terms.

COMP 1000 -- Introduction to Computer Literacy (3 credit hours)

CIST 1001 – Computer Concepts (4 credit hours)

CIST 1122 – Hardware Installation & Maintenance (4 credit hours)

CIST 1130 – Operating Systems Concepts (3 credit hours)

CIST 1401 Computer Networking Fundamentals (4 credit hours)

The following Technical Certificates of Credit can be earned in conjunction with the Networking Specialist Diploma or AAS Degree. Please refer to the current college catalog or meet with a Faculty or Academic Advisor for additional information.

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|-----------------------------------|------------------------------------------------|
| → Linux/UNIX System Administrator | → Network Technician |
| → Microsoft Network Administrator | → PC Repair and Network Technician |
| → Network Administrator | → Cisco Network Specialist |
| → Network Support Specialist | → Comp TIA A+ Certified Technician Preparation |

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