CIST Networking eMAP

Diploma OR AAS

If you have any Computer or Networking Experience, consider taking the Exemption Tests for:

CIST 1001 and/or CIST 1401

Complete any required 0090 courses.
Or
Begin taking program classes.
Complete (if you have not already exempted):
- CIST 1001 – Computer Concepts
- CIST 1130 Operating Systems Concepts
- CIST 1401 – Networking Fundamentals
- MATH 1111(for degree) or MATH 1012(for diploma)

Then, complete:
- ENGL 1101(for degree) or ENGL 1010(for diploma)
- CIST 1122 – Hardware Installation and Maintenance
- CIST 1601 – Information Security Fundamentals.
- CIST 1602 - Security Policies and Procedures

Choose two Specializations from the four Specializations
Microsoft Specialization (4 Courses)
- CIST 2411 – Microsoft Windows Client
- CIST 2412 - Microsoft Server Administration
- CIST 2413 - Microsoft Server Infrastructure
- CIST 2414 - Microsoft Server Administrator

Cisco Specialization (3 Courses)
- CIST 2451 – Introduction to Cisco Networks
- CIST 2452 – Switching, Routing, and Wireless Essentials
- CIST 2453 – Enterprise Networking, Security, and Automation
- CIST Elective

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

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AWS Specialization (3 Courses)
- CIST 2480 – AWS Cloud Foundations
- CIST 2481 – AWS Solutions Architecting
- CIST 2482 – AWS Cloud Developing
- CIST Elective

Then, complete:
- PSYC 1101 (for degree) or PSYC 1010(for diploma)

Complete and submit your Petition for Graduation for:
- **Diploma in CIST Networking**
- **Cisco TCC**
- **CompTIA A+ TCC**

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

Complete:
- Humanities/Fine Arts Elective

Any additional Gen Ed Elective

Complete and submit your Petition for Graduation for:

Associate of Applied Science degree in CIST Networking
- **Cisco TCC**
- **AWS TCC**
- **CompTIA A+ TCC**

Program Notes:
- If you have computer or programming skills, consider taking the exemption exams for CIST 1001 and CIST 1305.
- If you have earned certifications, course credit can be given based on this list:
  - CompTIA ITF+ or CompTIA Tech+ = CIST1001
  - CompTIA Security+ = CIST 1601, CIST 1001
  - App Development with Swift Associate – CIST 1306, CIST1001
  - App Development with Swift Certified User – CIST 2301, CIST 1306, CIST1001
  - Certified Entry-Level Python Programmer – CIST 2742, CIST 1305, CIST 1001
  - Certified Associate in Python Programming – CIST 2747, CIST 2742, CIST 1305, CIST 1001
  - Oracle Certified Associate, Java SE 8 Programmer Certification – CIST

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2371, CIST 1305, CIST 1001
- ○ CPE – C++ Certified Entry-Level Programmer Certification – CIST 2361, CIST 1305, CIST 1001
- ○ W3Schools HTML, CSS, Bootstrap Certificates (all 3) – CIST 1510, CIST 1001
  - ▪ All three certifications must be completed and provide a personal portfolio

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Networking Program Advisors:

Cleo Okere - cokere@chattahoocheetech.edu – office -MA F1121

Mike Carroll –mcarroll@chattahoocheetech.edu – office NM B200J

Kwadwo Bonsu – kwadwo.bonsu@chattahoocheetech.edu office- MA F1124