



## CIST Networking eMAP

**START HERE: Program of Study: *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 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) (3 Credit hours)
- CIST 1122 – Hardware Installation and Maintenance(4 Credit hours)
- CIST 1601 – Information Security Fundamentals. (3 Credit hours)

**Choose two Specializations from the three Specializations**

**Microsoft Specialization (4 Courses)**

- CIST 2411 – Microsoft Client(4 Credit hours)
- CIST 2412 - Microsoft Server Installation & Maintenance (4 Credit hours)
- CIST 2413 - Microsoft Server Networking (4 Credit hours)
- CIST 2414 - Microsoft Server Identity Services (4 Credit hours)

**Cisco Specialization (4 Courses)**

- CIST 2451 – Introduction to Cisco Networks(4 Credit hours)
- CIST 2452 – Routing and Switching Essentials (4 Credit hours)
- CIST 2453 – Enterprise Networking, Security & Automation(4 Credit hours)
- CIST Guided Elective (Choose one (2480, 2601, 2602, 2601) (4 Credit hours)

You can apply for Cisco TCC upon completion of these four Cisco courses.

**AWS Cloud Specialization (4 Courses)**

- CIST 2480 AWS Cloud Foundation (4 credit hours)
- CIST 2481 AWS Cloud Solutions Architecture (4 credit hours)
- CIST 2480 AWS Cloud Developing (4 credit hours)
- CIST Guided Elective (Choose one (2411, 2451, 2601, 2602, 2601) (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*

***Networking Program Advisors:***

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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. "Talk with your advisor about Learning Support and Co-Requisite options for your Math and English courses."

*A Unit of the Technical College System of Georgia. Equal Opportunity Institution*

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