

## **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**
- **CompTIAA+ 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**
- **CompTIAA+ TCC**

### ***Networking Program Advisors:***

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