



## Computer Systems and Networking Technology—AAS

### ASSOCIATE OF APPLIED SCIENCE COMPUTER SYSTEMS AND NETWORKING TECHNOLOGY

**Total Program = 60 Credit Hours**

The fourth digit in the course number indicates the number of credit hours.

#### UNIVERSITY REQUIREMENT—1 OR 3 HOURS

**University—1 HOUR or 3 HOURS**

- UNIV 1001 Principles of Academic Success I
- UNIV 1003 Principles of Academic Success III

*The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.*

**Department**

- University
- University

#### COMPUTER SYSTEMS AND NETWORKING TECHNOLOGY REQUIREMENTS

\* These courses have lab hours in addition to lecture hours.

##### FIRST YEAR

**First Semester—15 HOURS**

- CST 1104 Introduction to Computer Hardware/Software\*
- CST 1114 Networking Essentials-Cisco I\*
- CST 1124 Microcomputer Operating Systems\*
- MATH 1013 Technical Mathematics (or higher)

**Department**

- Comp Sys/Net Tech
- Comp Sys/Net Tech
- Comp Sys/Net Tech
- Mathematics

**Second Semester—15 HOURS**

- ENG 1003 Freshman English I
- CST 1134 Router Technologies-Cisco II\*
- CST 2134 Local Area Network I\*
- CST Elective (choose a course from the elective pool below)

**Department**

- English
- Comp Sys/Net Tech
- Comp Sys/Net Tech
- Comp Sys/Net Tech

##### SECOND YEAR

**First Semester—15 HOURS**

- ENG 1013 Freshman English II
- CST 2114 Advanced Router Technologies-Cisco III\*
- CST 2174 Local Area Network II\*
- CST 2234 Introduction to Security\*

**Department**

- English
- Comp Sys/Net Tech
- Comp Sys/Net Tech
- Comp Sys/Net Tech

**Second Semester—15 HOURS**

- CST 2124 WAN Technologies-Cisco IV\*
- CST Elective (choose a course from the elective pool below)
- CST Elective (choose a course from the elective pool below)
- Select one social science course from the following departments.*

**Department**

- Comp Sys/Net Tech
- Comp Sys/Net Tech
- Comp Sys/Net Tech

- HIST
- SOC
- POSC
- ECON

- History
- Sociology
- Political Science
- Economics



PSY			Psychology
GEOG			Geography
CST Electives			
CST	1154	Computer Coding	Comp Sys/Net Tech
CST	1234	Database Technology	Comp Sys/Net Tech
CST	1354	Computer Forensics Essentials*	Comp Sys/Net Tech
CST	2194	Microcomputer Installation and Troubleshooting*	Comp Sys/Net Tech
CST	2474	Microcomputer Install/Troubleshooting w/Internship*	Comp Sys/Net Tech
CST	2484	System Virtualization*	Comp Sys/Net Tech
CIS	2004	Programming Concepts	Comp Info Systems

**Computer Systems & Networking Technology—TC**

**TECHNICAL CERTIFICATE  
COMPUTER SYSTEMS & NETWORKING TECHNOLOGY**

The fourth digit in the course number indicates the number of credit hours.

**Total Program = 30 Credit Hours**

\* These courses have lab hours in addition to lecture hours.

**First Semester—15 HOURS**

CST	1104	Introduction to Computer Hardware/Software*	Comp Sys/Net Tech
CST	1114	Networking Essentials-Cisco I*	Comp Sys/Net Tech
CST	1124	Microcomputer Operating Systems*	Comp Sys/Net Tech
MATH	1013	Technical Mathematics (or higher)	Mathematics

**Department**

**Second Semester—15 HOURS**

ENG	1003	Freshman English I	English
CST	1134	Router Technologies-Cisco II*	Comp Sys/Net Tech
CST	2134	Local Area Network I*	Comp Sys/Net Tech
CST Elective (choose a course from the elective pool below)			Comp Sys/Net Tech
CST	1154	Computer Coding	Comp Sys/Net Tech
CST	1234	Database Technology	Comp Sys/Net Tech
CST	1354	Computer Forensics Essentials*	Comp Sys/Net Tech

**Department**

**Computer Fundamentals—CP**

**CERTIFICATE OF PROFICIENCY  
COMPUTER FUNDAMENTALS**

The fourth digit in the course number indicates the number of credit hours.

**Total Program = 12 Credit Hours**

**Requirements**

CST	1104	Introduction to Computer Hardware/Software*	Comp Sys/Net Tech
CST	1114	Networking Essentials-Cisco I*	Comp Sys/Net Tech
CST	1124	Microcomputer Operating Systems*	Comp Sys/Net Tech

**Department**