



## Business & Industry AND STEM Endorsement Information Technology

### Networking Systems (IT)

The Networking Systems program of study explores the occupations and educational opportunities associated with designing and implementing computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. This program of study may also include exploration into analyzing science, engineering, and other data processing problems to implement and improve computer systems.

Levels	Courses
Level 1	<b>Principles of Information Technology</b> 9
Level 2	<b>Computer Maintenance/Lab</b> 10-11 <i>Prerequisite: Principles of Information Technology</i>
Level 3	<b>Networking/Lab</b> 11-12
Level 4	<b>Practicum in Information Technology</b> 11-12 <i>Prerequisite: Minimum of two high school IT courses</i> <b>+CompTIA A+</b>

Occupation	Median Wage	Annual Openings	% Growth
Computer Network Architects	\$111,633	1,082	23%
Computer Systems Analysts	\$87,568	5,937	29%
Computer Network Support Specialists	\$68,037	1,824	19%

### Industry Based Certifications

#### **+Comp TIA A+**

This certification exam measures various objectives including: mobile devices, networking technology, hardware, network troubleshooting, installing & configuring operating systems, expanded security, and software troubleshooting.

**To earn a CTE endorsement, students must take a minimum of 3 classes for 4 or more credits in the same Program of Study, and must end with one Level 3 or Level 4 CTE course.**