

## Program Curriculum

<i>First Semester Freshman</i>	<i>Semester Hours</i>
Humanities/Fine Arts Elective	3
SPT 1113 Oral Communication	3
Social/Behavioral Science Elective	3
Mathematics/Science Elective	3
ENG 1113 English Composition I	3
LLS 1311 Orientation	<u>1</u>
<b>Total Hours</b>	<b>16</b>

<i>Second Semester</i>	<i>Semester Hours</i>
IST 1154 Web and Programming Concepts	4
IST 1163 Concepts of Database Design	3
IST 1124 IT Foundations	4
IST 2922 Special Problems in IST	2
IST 1134 Fundamentals of Data Comm	<u>4</u>
<b>Total Hours</b>	<b>17</b>

<i>Third Semester Sophomore</i>	<i>Semester Hours</i>
IST 1254 Network Administration Using Linux	4
IST 1244 Network Administration Using Microsoft Windows Server	4
IST 2434 Server Side Programming I	4
IST 1143 Information Security	3
<b>Total Hours</b>	<b>15</b>

<i>Fourth Semester</i>	<i>Semester Hours</i>
IST 1224 Network Components	4
IST 2234 Network Implementation	4
IST 2224 Network Planning & Design	4
IST 2932 SPIST Certification Prep Net- work+	<u>2</u>
<b>Total Hours</b>	<b>14</b>

**Total Hours** 17

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## Career Technical Education Information Systems Technology

# Computer Network Technology

### Program Description

The Computer Networking Technology program contains a broad set of computer science courses and training including telecom, computer hardware, software, troubleshooting, upgrades, repair, networks, routing, switching, wireless, mobile devices, programming languages, IT Security, database design and more. Employment opportunities for graduates are found in every industry around the world. An IST career is a rewarding field.

An IST graduate is awarded an Associate of Applied Science degree and have the opportunity to earn CompTIA A+ and Network+ certifications.

### Admission Requirements

Priority given to applicants that pass an online Instructor evaluation or have a ACT composite score of 17 or equivalent placement test score.

### Job Opportunities

Computer tech, network engineer, IT manager, systems administrator, software engineer, database admin, cyber security in most industries worldwide.

### Contact Information

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