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| |  | | --- | | **Network Systems Technology, AS** | |  |   Return to {$returnto_text} Return to: [Programs of Study](http://catalog.fsw.edu/content.php?catoid=15&navoid=1327)  **Purpose**  The Associate in Science (AS) in Network Systems Technology program prepares students for further education and careers such as cabling specialists, network control operators, data communications analysts, network technicians, computer security specialists, network specialists, network managers, network systems analysts, network systems technicians, network troubleshooters, WAN/LAN managers, or systems administrators.  The content includes but is not limited to planning, installing, configuring, monitoring, troubleshooting, and managing computer networks in a LAN/WAN environment. Students will be prepared to apply conceptual and theoretical knowledge to the workplace utilizing technical skills learned during the program.  This program is designed to help students obtain the skills needed to earn various industry-recognized certifications.  **Program Structure**  This program is a planned sequence of instruction consisting of 60 credit hours in the following areas: 18 credit hours of General Education Requirements, 36 credit hours of Program Requirements, and 6 credit hours of Electives. The Network Security Certificate, Information Technology Support Specialist Certificate, Network Enterprise Administration Certificate, and Digital Forensics Certificate include courses required for the Network Systems Technology, AS degree. These certificates can be earned before the student has earned the Network Systems Technology, AS degree.  **Course Prerequisites**  ***Many courses require prerequisites.*** Check the description of each course in the list below for prerequisites, minimum grade requirements, and other restrictions. Students must complete all prerequisites for a course prior to registering for it.  **Graduation**  Students must fulfill all requirements of their program to be eligible for graduation. Students must indicate their intention to attend commencement ceremony by completing the Commencement Form by the published deadline. |
| **General Education Requirements: 18 Credit Hours**   * [ENC 1101 - Composition I](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [ENC 1102 - Composition II](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * General Education Core Natural Sciences **3 credits** * General Education Core Humanities **3 credits** * General Education Core Mathematics (Recommended: [MAC 1105](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327" \l "tt4046" \t "_blank) **or** [STA 2023](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327" \l "tt8386" \t "_blank)) **3 credits** * General Education Core Social Sciences (Students required by F.A.C. 6A-10.02413 to demonstrate Civic Literacy should take AMH 2020 or POS 2041) **3 credits**  Program Requirements: 36 Credit Hours  * [CGS 1100 - Computer Applications for Business](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [CIS 2321 - Systems Analysis and Design](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [CNT 1000 - Computer Networking Essentials](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [CTS 1131 - Computer Hardware](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [CTS 1133 - Computer Software](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [CTS 2120 - Computer and Network Security (Security+)](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits**                       -   * [CTS 2142 - Introduction to Project Management](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits**   **or**  [MAN 2582 - Principles of Project Management](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits**                      -   * [CTS 2321 - Linux Internet Servers](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [CTS 2334 - Microsoft Windows Server](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [CTS 2655 - Internetworking with Cisco Routers](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [CNT 1512 - Wireless Network Administration](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits** * [MAN 2021 - Management Principles](http://catalog.fsw.edu/preview_program.php?catoid=15&poid=1415&returnto=1327) **3 credits**  Electives: 6 Credit Hours  * Any 1000 or 2000 level course **3 credits** * Any 1000 or 2000 level computer course with a CGS, CTS, CNT, CIS, CAP, COP, CET or EET prefix **3 credits**   **Total Degree Requirements: 60 Credit Hours** |