



TEXARKANA COLLEGE

Computer Networking | Associate of Applied Science

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LIST OF COURSES

- BCIS 1305-Business Computer Applications
- Core Creative Arts*
- COSC 1336-Programming Fundamentals I
- CPMT 1311-Introduction to Computer Maintenance
- CPMT 1191-Special Topics
- CTIS Electives (6)
- ENGL 1301-Composition I
- GOVT 2305 or 2306-Federal or Texas Government
- ITCC 1414-CCNA 1: Introduction to Networks
- ITCC 1440-CCNA 2:Routing/Switching Essentials
- ITNW 1308-Implementing and Supporting Client OS
- ITNW 1325-Fundamentals of Networking Technology
- ITNW 1345-Implementing Network Directory Services
- ITNW 1353-Supporting Network Server Infrastructure
- ITNW 1354-Implementing and Supporting Servers
- ITSE 1329 - Programming Logic & Design
- ITSW 1304-Introduction to Spreadsheets
- MATH 1314-College Algebra
- SPCH 1315-Public Speaking

*Complete core curriculum chart on back

YEAR 1	YEAR 2
FALL	FALL
BCIS 1305	CPMT 1191
COSC 1336	ITCC 1414
ITSE 1329	ITCC 1440
ITNW 1308	ITNW 1345
ITNW 1325	ITSW 1304
SPRING	SPRING
CTIS Elective	Creative Arts
CPMT 1311	CTIS Elective
ENGL 1301	GOVT 2305 or 2306
ITNW 1354	ITNW 1353
MATH 1314	SPCH 1315 or 1321

Consult the catalog of the four-year institution to which you intend to transfer.

LEARNING OUTCOMES/MARKETABLE SKILLS

Communication | Organization | Time Management | Adaptability | Technology Proficiency | Networking | Troubleshooting | Management

EDUCATIONAL OPPORTUNITIES

B.A. Anthropology | B.A. Economics | B.A. Education | B.A. Government/Political Science / B.A. History

CAREER OPPORTUNITIES (B.A. OR HIGHER)

Application Developer | Computer Network Instructor | Computer Science Teacher, Postsecondary | Computer Technician | Computer User Support Specialist | Desktop Support Specialist | Help Desk Technician | Network Support Technician | Network Support Analyst | LAN Technician

HIGH SCHOOL ENDORSEMENTS

Business & Industry | Multi-Disciplinary | Public Service | STEM

LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

- Stephen F. Austin State University: <http://cosm.sfasu.edu/cs/information-technology-major>
- Southern Arkansas University College of Business: <https://web.saumag.edu/academics/program/computer-science-computer-technology-option/>
- Texas A&M-Texarkana College of Business, Engineering, and Technology: <http://www.tamut.edu/Academics/Colleges-and-Departments/CBET/index.php>
- University of North Texas College of Information Technology: <https://www.unt.edu/pais/insert/ucsit.htm>
- University of Texas—Tyler: <http://www.uttyler.edu/cs/undergraduate/bs-computer-science.php>
- Chamber of Commerce: <https://www.chamberofcommerce.com/texas>

Start Smart. Finish Strong.

Computer Networking

Computer networking keeps us connected to each other and the outside world - think email, Internet and office intranets. Businesses need network administrators to build and maintain these vital network systems. That's where you come in. Just about every aspect of our lives depends on computer networks. Networking professionals don't just keep you connected, but they also keep you safe. Companies must be vigilant about safeguarding their information and data from hackers, and it's the network staff's job to keep things secure.

PROGRAMS AVAILABLE

Associate of Applied Science
CISCO Networking 1-Year Certificate
Networking Administrator 1-Year Certificate

WHAT YOU'LL LEARN (*Varies based on degree/certificate chosen*)

Fundamentals of networking technologies | Routing and switching essentials | Implementing and supporting client operating systems
Implementing network directory services | Supporting network server infrastructure | Implementing and supporting servers

TYPICAL JOBS AFTER COMPLETION (*Varies based on degree/certificate chosen*)

Network & Computer Systems Administrator
Computer Network Architect
Information Security Analyst

MEDIAN PAY

\$61,510 per year for network and computer systems administrators in the Texarkana area.

JOB OUTLOOK

Job opportunities in computer networking are expected to grow by 8% over the next 10 years.

OTHER INTERESTS

If you're interested in Computer Networking, you may be interested in these other programs in Computer Technology as well:
Computer Technology & Information Systems | Noncredit Computer Training

In our Career Spotlight Magazine that you can get on campus or online at texarkanacollege.edu/careerspotlight, you'll find an overview of Texarkana College's career and technical programs. Explore our programs and think hard about what to do for the rest of your life. We can help you get there by starting smart and finishing strong! When you're ready, give our Enrollment Services staff a call at (903) 823.3012 or visit texarkanacollege.edu/tour to schedule your campus visit.



TEXARKANA COLLEGE

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