



Computer Information Systems

- » Includes object-oriented design concepts and programming.
- » Develop interactive forms using computer programming languages such as Visual Basic and C++.
- » Opportunity to take Microsoft Office User Specialists Exams.
- » Using database management software.
- » Instruction in networking technologies and their implementation, including network protocols, transmission media and networking hardware and software.
- » Advanced training in Access, Excel, Word, and Powerpoint.
- » Customizing the Windows Environment.

Networking / Cisco

- » Develop Web sites using the Web development software Dreamweaver.
- » Use Database Management Software
- » Install, modify, clean, and repair computer software and hardware.
- » Develop skills for installing, configuring, and operating LAN and WAN access services for home and small office networks.
- » Eligible for CCNA (Cisco Certified Network Associate) Examinations, one of the most sought after network certifications.
- » Includes the following curriculum: The basic history of networking; the OSI reference model and basic network design principles; local- and wide-area networks (LANs and WANs), including Ethernet and VLANs; IP addressing and TCP/IP protocols ARP, RARP, BOOTP, and ICMP; routers and routing protocols, bridges, and switches; Cisco's Internetwork Operating System (IOS); Network management and security.

Computer Information Systems

Paris Junior College

2400 Clarksville Street
Paris, Texas 75460
903.785.7661
www.parisjc.edu

Beverly Matthews
Chairperson, Business Division
903.782.0379 — bmatthews@parisjc.edu

Computer Information Systems



In A Wired World, Skills In Network
Technology & Management, Software,
Technical Support & Hardware Repair Will
Always Be In High Demand.



Paris Junior College
Paris, Texas

Degrees & Certificates

The Computer Science Department at Paris Junior College offers two associate of applied science workforce degrees (AAS), an associate of science transfer degree (AS) and two workforce certificate programs.

The associate of science (AS) degree is designed to prepare students for transfer to a four-year university as a computer science or computer information systems major. The program provides students with a background in basic academic areas such as math and the sciences, as well as introductory work in the computer-related areas of logic design, programming concepts and programming languages.

The associate of applied science (AAS) degree and a certificate in computer information systems provide training for careers in business programming, database support, software applications and computer operations. PJC is an authorized testing site for Microsoft Office Specialist certification exams.

The associate of applied science (AAS) computer networking degree prepares students to perform tasks in network technology related to network management, technical support, hardware and software



installation and equipment repair. Graduates will be able to assemble computers based on customer specifications, install network wiring and interfaces at customer sites, install and debug network software, and maintain network hardware and software.

Prepare For Your Future

Over the past decade, occupational data gathered at the federal, state and local levels have projected an escalating demand for computer technicians. Network system technician was selected by the Texas Innovation Network System and the State Board of Education as an emerging occupation and regionally targeted by the North Central Texas Quality Workforce Planning Committee for potential growth and demand.

With the continual development and use of computers in business and industry, the need

is increasing for personnel proficient in business programming, software applications and computer operations. The skills acquired in PJC's Computer Information Systems program enables students to solve problems encountered when working in this ever-changing and growing field.

Employment opportunities include the following:

Manufacturing Firms

Computer Centers

Government Agencies

Accounting Firms

Microcomputer Support Firms

Transportation Industry

Small Businesses

Service Industries

Business Programming

Database Support Specialist

PC Support Specialist

PC Service Representative

Those seeking their first employment in these fields, as well as those presently employed who are seeking promotion, will benefit from Paris Junior College's computer curriculum.

