ABOUT A DEGREE IN COMPUTER INFORMATION SYSTEMS

Computer Information Systems (CIS) is the application of information technology to organizational and managerial needs. A career in CIS is quickly becoming one of the most alluring in the business world. In the Age of Digital Information and Communications, employers demand business professionals who can analyze the information needs of decision makers, design and specify systems to meet those needs, and then manage the computer technology requirements that are crucial to an organization’s competitiveness.

CAREER OPPORTUNITIES:

- Project/Team Leader
- Information System Analyst
- Applications Programmer
- Software Engineer
- Network Engineer
- Database Administrator
- Quality Assurance Technician
- Systems Administrator
- Security Administrator
- Data Security Analyst
- Product Manager
- Technical Consultant
- Web Server Administrator
- Technical Support
- Systems/Software Tester
- Communications Specialist
- Systems Integrator
- Systems Architect
- Sales Associate
- Systems Engineer
- Web Developer
- Customer Service
- Financial Analyst

RELATED SKILLS:

- Analytical
- Problem Solving
- Math and Science
- Business
- Familiarity with Technology
- Team Player
- Communication
- Design Systems
- Ability to Multi-task
- Research
- Creativity
- Management

HIRING INSTITUTIONS:

- Banking/Financial Services
- Education
- Technology
- Telecommunication
- Transportation
- Universities
- Electronics
- Government
- Retail Outlets
- Communication Services
- Energy Providers
- Aviation
- Manufacturing Plants
- Employment Agencies
- Pharmaceutical
- Insurance
- Health Care
- Media Companies
- Advertising
- Entertainment

JOB OUTLOOK:

Employment of computer information systems managers is projected to grow 15 percent from 2014 to 2024, much faster than the average for all occupations. Demand for computer information systems managers will grow as firms increasingly expand their operations to digital platforms. Computer information systems managers will be responsible for implementing these goals. (Source: Bureau of Labor Statistics).

WORK ENVIRONMENT:

Most computer information systems managers work full time. If problems arise, managers must work overtime to come up with solutions. In 2014, about 2 in 5 worked more than 40 hours per week. As network speeds increase, telecommuting is becoming more common. Although few managers can work remotely, many have to supervise employees who work from home. (Source: Bureau of Labor Statics)

COMPANIES THAT HIRE TU STUDENTS:

- U.S. Air Force
- Asemio, AT&T
- Bank of Oklahoma
- Blue Cross Blue Shield
- Casino Cash Trac
- Cerner Corporation
- Citgo Petroleum
- ConocoPhillips
- Devon Energy
- Fireman’s Fund Insurance Co.
- Geek Squad
- Glenpool Public Schools
- Helmerich & Payne
- Hewlett Packard
- Hydra-Flow Guttering
- HospitalPortal
- NET Insurance
- Kimley-Horn and Associates, Inc.
- Koch Industries
- Magellan
- M Financial Group
- Midfirst Group
- Mobius Technology
- Oaktree Software
- Oklahoma Heart Hospital
- Omni Packaging
- Omnitraccs, LLC
- One.com
- ONEOK
- The Persimmon Group
- Phillips 66
- Resort Technology
- S&S Custom
- Samson
- Saudi Aramco
- SolArc
- Southwest Airlines
- Southwestern Power Administration
- TMA Systems
- Tulsa City-County Library
- Tulsa Police Academy
- US Cellular
- US Navy
- Valmont Industries
- Walmart
- WaveCreste
- WebCo
- Williams Companies
- Wolf Track Software
- Wood Moldings
- WPX Energy

DISCLAIMER: These companies are not associated with, sponsored, or endorsed by The University of Tulsa. This sheet is provided simply as a suggestion for students conducting their own job search, not as a decision-making aid. Students should consult with counselors, parents, and/or other trusted sources before making a decision regarding a job or internship acceptance.