

# Computer Information Systems

Associate Degree • Delaware Technical & Community College • [www.dtcc.edu](http://www.dtcc.edu)

*This business technology is designed to prepare students for careers in applied programming and other computer-related fields. Students take a combination of computer language programming, software applications, systems analysis, as well as related accounting and mathematics courses which give them the skills in demand in today's business world.*

## WHAT YOU'LL LEARN...

- Current programming languages and hardware knowledge
- Systems analysis and design
- Industry-standard structured programming techniques
- Mid-range and microcomputer operating systems
- Analysis and problem-solving related to computer business applications

## WHAT YOU'LL EARN...

- Employment opportunities in a variety of fields
- Competitive starting salary opportunities ranging from \$25,000 – \$35,000
- Strong advancement potential
- Application programming skills in demand at local business and industry

## WHAT YOU CAN DO...

- SQL programmer
- RPG/400 applications programmer
- Microcomputer software specialist
- Visual Basic programmer

## COMPUTER INFORMATION SYSTEMS

The Computer Information Systems Technology prepares students for careers in applied programming and microcomputer and networking fields. Computer concentrations are available leading to Associate in Applied Science degrees and diplomas.

This program prepares students for computer-related careers in businesses that use hardware ranging from microcomputers to mid-range computers. The curriculum consists of core courses in programming, operating systems, software applications, systems analysis, and related accounting and mathematics courses.

## PROGRAM FACTS

- Listed as one of the fastest-growing professions
- Articulation with state and regional colleges and universities allow credit transfer for higher degrees
- Exciting career opportunities and well-paying positions available
- Work experience credit available
- Cost effective way to gain training in information technology field

## PROGRAM EFFECTIVENESS

The program is committed to providing quality instruction that leads to successful entry into the profession. Program effectiveness is continually measured through established outcomes assessment methods. Results from these measurements are used for continuous program improvement.

## DELAWARE TECH

Delaware Technical & Community College  
Jack F. Owens Campus  
P.O. Box 610  
Georgetown, DE 19947  
(302) 856-5400  
[www.dtcc.edu](http://www.dtcc.edu)

## REQUIRED TECHNICAL COURSES

CIS 107	Introduction to Computers/Applications
CIS 112	Spreadsheets/Graphics Procedures
CIS 120	Introduction to Programming
CIS 160	Internet/Web Construction
CIS 201	Microdatabase Programming
CIS 207	Visual Programming
CIS 222	CL for Midrange Computing
CIS 230	RPG
CIS 240	Systems Analysis & Design
CIS 282	Topics in Programming Languages

## REQUIRED SUPPORT COURSES

ACC 101	Accounting I
CIS 141	Operating Systems I
CIS 231	Advanced RPG
CIS 238	SQL for Midrange Computing
ECO 111	Macroeconomics
ECO 122*	Microeconomics
ENG 121	Composition
ENG 122	Technical Writing & Communication
MAT 153	College Math & Statistics
MAT 255	Business Statistics I
POL 111*	Political Science
PSY 100*	Human Relations
PSY 121*	General Psychology
SOC 111*	General Sociology

*\* Select one of the above*

## HOW TO BEGIN –

1. Obtain, complete, and submit an Application for Admission with a \$10 non-refundable fee to the Admissions Office. Make check payable to Delaware Technical & Community College. Applications are available via the Web ([www.dtcc.edu/admissions](http://www.dtcc.edu/admissions)), by phone or mail, or from a high school counselor.
2. Develop a financial plan to identify resources, such as financial aid, SEED, and other scholarships, to help pay for college.
3. Request that your official high school, GED, and/or college transcript be sent immediately to the Admissions Office.
4. Participate in the college testing and placement program, if required. Official scores from SAT/ACT tests or previous college credit may satisfy this requirement.
5. Meet for advisement to begin an educational plan and select courses for registration.