

Computer Technologies

Associate of Applied Science

Mission Statement

The Computer Technologies Department is committed to student success. We address the disparate and constantly changing needs of students throughout the GBC service area who are preparing for technology-driven careers by improving our methods, techniques, and content to deliver high-quality educational experiences.

Certificate of Achievement <i>One Year</i>	Emphases in the Computer Technologies Associate Degrees <i>Two Years</i>	Bachelor Degrees <i>Four Years</i>
	AAS-CT - Computer Programming AAS-CT - Network Specialist	BAS - Digital Information Technology or BAS - Management and Supervision Emphasis
Office Technology	AAS-CT - Office Technology	
Graphic Communications	AAS-CT - Graphic Communications AA Pattern of Study - Graphic Communications AAS-CT - Web Development	BAS - Graphic Communications or BAS - Digital Information Technology or BAS-Management and Supervision Emphasis
	AS - Land Surveying	BAS - Land Surveying/Geomatics
Medical Coding and Billing	<i>The non-MCOD classes taken for the Medical Coding and Billing Certificate apply toward an Associate Degree</i>	

Computer Technologies

Associate of Applied Science — Computer Technologies

Graphic Communications Emphasis

Professional Skills and Career Paths

Graphic Designer, Logo Designer, Web Designer, Brand Identity Developer, Illustrator, Ad Designer

Student Learning Outcomes

Graduates of this degree program will have the knowledge and skills to:

- Efficiently and ethically use computers and relevant software in the workplace.
- Effectively utilize a computer operating system.
- Identify, discuss, and apply elements and principles of design using tools ranging from traditional pen-and-paper to current technology.
- Design professional-quality graphic communications products for use in print and digital applications.
- Seek entry-level employment in the field of graphic communications.
- Apply for admission to the Bachelor of Applied Science in Graphic Communications program.

General Education Requirements	Credits
English/Communications.....	6
ENG 100 or 101, and ENG 102 (recommended)	
Mathematics.....	3
MATH 120, 126, or higher (includes STAT 152)	
Science (choose with advisor).....	3
Social Science—PSC 101	3
Human Relations (choose with advisor).....	3
Humanities or Fine Arts—ART 100 (recommended)	3
Technology—GRC 119 (required).....	3

List of courses fulfilling general education requirements is on page 81.

Program Core Requirements	Credits
CIT 151 Beginning Web Development	3
COT 204 Using Windows.....	3
IS 201 Computer Applications	3

Program Emphasis Requirements	Credits
ART 107 Design Fundamentals	3
ART 141 Introduction to Digital Photography	3
GRC 101 Introduction to Graphic Communications	3
GRC 103 Introduction to Computer Graphics.....	3
GRC 156 Design with Illustrator.....	3
GRC 183 Design with Photoshop.....	3

GRC 188	Web Animation I	3
GRC 256	Advanced Design with Illustrator.....	3

General Elective	Credits
ELECTIVE.....	3

Choose with advisor. CIT 129 recommended.

SUGGESTED COURSE SEQUENCE AAS—Computer Technologies Graphic Communications Emphasis

FALL—1st Semester	Credits
ENG 100 or 101	3
GRC 101	3
GRC 103	3
GRC 156	3
MATH 120, 126, or higher	3
TOTAL	15

SPRING—2nd Semester	Credits
CIT 151	3
GRC 119	3
GRC 183	3
GRC 256	3
HUMAN RELATIONS**	3
TOTAL	15

FALL—3rd Semester	Credits
ART 141	3
COT 204	3
IS 201	3
HUMANITIES/FINE ARTS*	3
SCIENCE**	3
TOTAL	15

SPRING—4th Semester	Credits
ART 107	3
ENG 102	3
GRC 188	3
PSC 101	3
ELECTIVE**	3
TOTAL	15

Minimum Credits: 60

*Select from page 81.
**Choose with advisor.