

Computer Developer (CD), Associate of Science Degree

This program is designed to provide the students with an integrated background in the fields of Web Design, Programming and Information Technologies. Our graduates are prepared to gain entry-level positions in web development studios, internet service providers, computer programming companies, and work as user support and application system specialists.

GRADUATION REQUIREMENTS (A MINIMUM OF 60 CREDITS)

REQUIRED COURSES

General Education Requirements

Credit Hours

COMMUNICATIONS (6 CREDITS)

ENC 1101	English Composition I **	3
SPC 1017	Fundamentals of Oral Communication	3

HUMANITIES (3 CREDITS)

Credit Hours
3

BEHAVIORAL / SOCIAL SCIENCE (3 CREDITS)

Credit Hours
3

MATHEMATICS (3 CREDITS)

Credit Hours
3

MAC 1105	College Algebra I **	3
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COMPUTERS (4 CREDITS)

Credit Hours

CGS 1030	Introduction to Information Technology	4
SLS 1501	College Study Skills	0

CORE REQUIREMENTS (28 CREDITS)

CNT 2000c	Networking Essentials	3
CTS 2433c	SQL Server	4
COP 2010c	Visual Basic Programming I	4
COP 2011c	Visual Basic Programming II	4
COP 2333c	Advanced Programming	4
CGS 1820c	Web Programming I **	3
CGS 2821c	Web Programming II **	3
CGS 2786c	Web Page Authoring Software**	3

SUGGESTED ELECTIVES (13 credits)

CGS 1788c	Graphics Design I	3
CGS 2787c	Animation for the web	3
COP 1220c	C Programming I	4
COP 2222c	C Programming II	4
CGS 2540c	Database Management Systems	4

Courses from within this division or any other division can be used as Suggested Electives.

*General Education Component (see page 219)

**This course has prerequisites; check course descriptions.

***In order to satisfy the programming language credit, one of the two mentioned courses (COP 1200 or 2010) must be taken.