DEGREE MAP

The following sequence is an example of how this program can be completed within the recommended time frame. It presumes that all course and program prerequisites have been met. Completion times may vary depending on individual circumstances. Students should consult an advisor when they plan their individual completion path using MyDegreePlan.

Program Name: Computer Programming-Associate of Applied Science Degree

Locations Offered: Virtual Campus

First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CIS 130 Programming Logic	F2F, VC	3
Core Curriculum	CIS 140 Introduction to Operating Systems	F2F, VC	3
Core Curriculum	CIS 150 Essentials of Networking	F2F, VC	3
Gen Ed-Composition	ENG 101 Composition	F2F, VC	3
Gen Ed-Technology Literacy	CIS 120 Introduction to Information Systems	F2F, VC	3

Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CIS 160 Introduction to Information Security	F2F, VC	4
Core Curriculum	CIS 217 Introduction to Visual C# .NET Programming	VC	4
Gen Ed-Composition	ENG 102 English Composition	F2F, VC	3
Gen Ed-Liberal Arts		F2F, VC	3
Gen Ed-Mathematics	MAT 142 College Mathematics or higher	F2F, VC	3-4

Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CIS 164 Introduction to Scripting Using Python	VC	4
Core Curriculum	CIS 179 Applied Technical Writing	F2F, VC	3
Core Curriculum	CIS 181 Computer Applications	F2F, VC	3
Core Curriculum	CIS 185 Internet Essentials	VC	3
Core Curriculum	CIS 248 Perl Scripting	VC	3

Fourth Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CIS 128 Linux Operating Syst or CIS 236 Microsoft Operating Syst	F2F, VC	4
Core Curriculum	CIS 250 Database Management	F2F or VC	4
Core Curriculum	CIS 270 Systems Analysis**	F2F or VC	4
Gen Ed-Liberal Arts		F2F, VC	3
Elective		F2F, VC	0-1

Total credits required: 64

*Key: F2F = Face-to-Face   VC = Virtual Campus   Reviewed: 3/1/2017

Notes: **CIS 270 is offered face-to-face in the fall semester and through the Virtual Campus in the spring semester.