

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 (CPG) (Programming Concentration) - Associate of Applied Science

Locations Offered: Sierra Vista Campus

First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Gen Ed-Technology Literacy	CIS 120 (SUN# CIS 1120) Introduction to Information Systems	CB, OL	3
Core Curriculum	CIS 130 Programming Logic	CB	3
Core Curriculum	CYB 101 Introduction to Cybersecurity	CB, OL	3
Core Curriculum	CYB 102 Networking Foundations	CB, OL	3
Core Curriculum	CYB 133 Windows Operating Systems	CB, OL	4

Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CIS 125 Introduction to Scripting for Cybersecurity	CB, OL	3
Core Curriculum	CIS 128 Linux Operating System	CB, OL	4
Core Curriculum	CIS 181 Computer Applications	CB, OL	3
Core Curriculum	CIS 204 C Programming	CB	4

Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Gen Ed-Writ Communication	ENG 101 (SUN# ENG 1101) Composition or ENG 101L with Support Lab	CB, OL	3
Core Curriculum	CIS 217 Introduction to Visual C# .NET Programming	CB, OL	4
Core Curriculum	CIS 208 Java Programming	CB	4
Core Curriculum	CIS 250 Database Management	CB	4

Fourth Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Gen Ed-Writ Communication	ENG 102 (SUN# ENG 1102) English Composition	CB, OL	3
Gen Ed-Liberal Arts		CB, OL	3
Gen Ed-Liberal Arts		CB, OL	3
Gen Ed-Quant Reasoning	MAT 142 (SUN# MAT 1142) College Mathematics or MAT 142L College Mathematics with Support Lab or higher	CB	3-4
Core Curriculum	CIS 220C Data Structures-C or CIS 220J (SUN# CIS 2205) Data Structures-Java	CB	4

Total Credits: 62

*Key: CB=Campus-Based (In Person or Hybrid: Requires attendance at a physical location)

OL=Online (Synchronous, Asynchronous, or Online Combo)

Notes: