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 (VRD Concentration) - Associate of Applied Science Degree

Locations Offered: Sierra Vista Campus

First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CYB 101 Introduction to Cybersecurity	F2F, OL	3
Core Curriculum	CYB 102 Networking Foundations	F2F, OL	3
Core Curriculum	CYB 103 Basic Operating Systems	F2F, OL	3
Gen Ed-Technology Literacy	CIS 120 Introduction to Information Systems	F2F, OL	3
Gen Ed-Composition	ENG 101 Composition or ENG 101L Composition with Support Lab	F2F, OL	3

Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CIS 128 Linux Operating System	OL	4
Core Curriculum	CIS 181 Computer Applications	OL	3
Core Curriculum	CYB 125 Introduction to Scripting for Cybersecurity	F2F, OL	4
Gen Ed-Mathematics	MAT 142 College Mathematics or MAT 142L College Mathematics with Support Lab or higher	F2F, OL	3-4

Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CIS 217 Introduction to Visual C# .NET Programming	OL	4
Core Curriculum	VRD 130 Virtual Reality Programming Logic	F2F	3
Core Curriculum	VRD 144 Virtual Reality Development in Unity	F2F	5
Gen Ed-Composition	ENG 102 English Composition	F2F. OL	3

Fourth Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	CIS 250 Database Management	F2F, OL	4
Core Curriculum	VRD 244 VR Cross-Platform Application Development	F2F	4
Core Curriculum	VRD 264 Unity Programming Standards and Application	F2F	3
Gen Ed-Liberal Arts		F2F, OL	3
Gen Ed-Liberal Arts		F2F, OL	3

Total Credits Required: 61-62

*Key: F2F = Face-to-Face   OL = Online   Reviewed: 3/1/2023

Notes: Students need to take CIS 130 Programming Logic which is a prerequisite for CIS 217 Introduction to Visual C# .NET Programming. Students should discuss the course sequence with the CIS Department.