

DEGREE MAP

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites, and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Program Name: Computer Maintenance and Repair-Certificate

Location(s) Offered:

Sierra Vista Campus (CIS 185 is offered only through the Virtual Campus.)

Learning Outcomes: *Students who successfully complete this program will be able to do the following:*

1. Install and troubleshoot different operating systems.
2. Install and troubleshoot peripheral devices.
3. Demonstrate an understanding of the essential hardware components of a computer and how they work together.
4. Demonstrate an understanding of effective troubleshooting techniques to resolve common hardware, operating system, and network-related issues.
5. Communicate an understanding of the Internet and its supporting protocols.
6. Observe the proper implementation of technology solutions.
7. Effectively utilize modern productivity software.

Course or program prerequisite(s) not included in the degree:

CIS 294 Field Experience in Computer Information Systems requires a declared major in a computer information systems discipline and permission of the cooperative education program coordinator.

Program Reviewed: Feb 22, 2016

Key:

IW=Intensive Writing
F2F=Face-to-Face Instruction
ITV=Instructional Television
VC=Virtual Campus/Online

<i>Requirements</i>	<i>Course(s) Recommended</i>	<i>Delivery Method</i>	<i>Credits</i>
<i>First Semester (Fall):</i>			
Core Curriculum	CIS 116 Computer Essentials	F2F,VC	3
Core Curriculum	CIS 140 Introduction to Operating Systems	F2F,VC	3
Core Curriculum	CIS 150 Essentials to Networking	F2F,VC	3
<i>Second Semester (Spring):</i>			
Core Curriculum	CIS 185 Internet Essentials	VC*	3
Core Curriculum	CIS 260 Service and Maintenance of PCs	F2F	4
Core Curriculum	CIS 294 Field Experience in CIS	F2F	3
<i>Third Semester (Fall):</i>			
<i>Fourth Semester (Spring):</i>			

Total credits required: 19

Notes:

*CIS 185 is offered only through the Virtual Campus.