

Computer Information Technology - Program Learning Outcomes

	Program Learning Outcomes	Student Learning Outcomes	Measure of Assessment and Criteria for Success
1.	Students will demonstrate the ability to troubleshoot and maintain computer hardware	<ul style="list-style-type: none"> • Identify typical IRQ's, DMAs and I/O addresses and how to alter their settings • Know the basic procedures for adding and removing replaceable computer parts • Recognize and correct common printer problems • Identify the main components of a computer system 	<ul style="list-style-type: none"> • 80% of students will score 80% or higher in their course average for Hardware and Software support.
2.	Students will demonstrate the ability to apply testing, debugging, and troubleshooting skills.	<ul style="list-style-type: none"> • Students will demonstrate the ability to test web pages on different browsers. • Students will demonstrate the ability to identify and correct syntax and logic errors. 	<ul style="list-style-type: none"> • 80% of students will score 80% or higher in their course average for Programming and Logic.
3.	Students will be able to utilize entry-level system analysis and design principles to solve business problems.	<ul style="list-style-type: none"> • Students will be able to describe all of the stages of the SDLC – Systems Development Life Cycle • Students will demonstrate the requirements for data & process modeling. • Students will be able to evaluate development strategies • Students will be able to discuss system architecture, implementation, operation, support and security. 	<ul style="list-style-type: none"> • 80% of students will score 80% or higher in their course average for Systems Analysis and Design.
4.	Students will demonstrate the ability to write computer programs utilizing the Visual BASIC programming language.	<ul style="list-style-type: none"> • Students will create programs using the Visual BASIC programming language. 	<ul style="list-style-type: none"> • 80% of students will score 80% or higher in their course average for Visual BASIC Programming.
5.	Students will demonstrate the ability to offer support on software problems and recommend software.	<ul style="list-style-type: none"> • Students will be able to answer phones and offer software support • Students will be able to research and evaluate different versions of software and recommend the best product based on their findings. 	<ul style="list-style-type: none"> • 80% of students will score 80% or higher in their course average for User Support and Software Evaluation.