

Computer Support Program Assessment Plan

Last Revised 8/11/2009

Catalog Description

The Computer Information Systems (CIS) Associate Degree is designed to provide a solid foundation in the fundamental skills that are generally required to analyze system requirements and design solutions or, to support and manage the application of technology resources. These basic skills are routinely required by many different industries and higher-level educational programs. Four degree options of Systems Analysis, Computer Support, Homeland Security , or Software Engineering are available. Each option begins with core courses of information system fundamentals, database systems, networking, web systems, and software development. Additional courses are chosen in one area of specialization to complete the option requirements. Current computer tools and an emphasis on practical application provide a relevant learning environment.

Computer Support Program Assessment Plan

Learning Outcome

CIS.CSU.AAS graduates will demonstrate knowledge and application skills in the components of networking and network designs

Benchmark	Assessment Method	Assessment Date
105.1A 80% of the CSU students will apply their understanding of networking components by identifying them for LANs and WANs, at 70% or better, as determined by the criterion applied in a written and lab assessment format.	Students will incorporate the understanding of basic networking theory into their written test/assessments in theory. These test/assessments will be reviewed and graded by faculty. Assessments will be reviewed and graded within guidelines provided by OCC.	12/1/2009
105.1B 80% of the CSU students will apply their understanding of networking components by identifying them for LANs and WANs, at 70% or better, as determined by the criterion applied in a written and lab assessment format.	Faculty will observe students in the lab as they apply their understanding of networking concepts as they create a network. Lab assessments will be reviewed and graded within guidelines provided by OCC.	12/1/2009

Computer Support Program Assessment Plan

Learning Outcome

CIS.CSU.AAS graduates will demonstrate knowledge and application skills in System Support.

Benchmark	Assessment Method	Assessment Date
105.2A 80% of the CSU students will apply their understanding of System Support by identifying the basic hardware and software concepts, at 70% or better, as determined by the criterion applied in a written and lab assessment format.	Students will incorporate the understanding of basic hardware/software concepts into their written test/assessments. These test/assessments will be reviewed and graded by faculty. Assessments will be reviewed and graded within guidelines provided by OCC.	12/1/2009
105.2B 80% of the CSU students will apply their understanding of System Support by identifying the basic hardware and software concepts, at 70% or better, as determined by the criterion applied in a written and lab assessment format.	Faculty will observe students in the lab as they apply their understanding of software/hardware concepts by performing the following tasks: system boot sequence, disk partitioning, disk fragmentation, and system configuration of files, basic OS commands, and batch file construction. Lab assessments will be reviewed and graded within guidelines provided by OCC.	12/1/2009

Computer Support Program Assessment Plan

Learning Outcome

CIS.CSU.AAS graduates will demonstrate knowledge and application skills in System Security.

Benchmark	Assessment Method	Assessment Date
105.3A 80% of the CSU students will apply their understanding of System Security by identifying the kinds/types of attacks used by hackers and defenses that can be used to maintain system integrity at 70% or better, as determined by the criterion applied in a written and lab assessment format.	Students will incorporate the understanding of kinds of attacks used by hackers into their written test/assessments. These test/assessments will be reviewed and graded by faculty. Assessments will be reviewed and graded within guidelines provided by OCC.	12/1/2009
105.3B 80% of the CSU students will apply their understanding of System Security by identifying the kinds/types of attacks used by hackers and defenses that can be used to maintain system integrity at 70% or better, as determined by the criterion applied in a written and lab assessment format.	Faculty will observe students in the lab as they apply their understanding the kinds of defenses that can be used against hackers to maintain system integrity. These assessments will be reviewed and graded by faculty. Lab assessments will be reviewed and graded within guidelines provided by OCC.	12/1/2009