

GENERAL EDUCATION ASSESSMENT REPORT

CISE, Spring 2013

Kari Meck

STATEMENT OF INSTITUTION MISSION AND COLLEGE GOALS	SP Goal 5: Improve the process for assessing programs, courses, and student learning.
GENERAL EDUCATION OUTCOMES (or student learning outcome/program competency)	<p>Develop information security policies and procedures</p> <p>Apply technology devices to meet business requirements secure information system components</p> <p>Design secure network architectures</p> <p>Maintain an awareness of industry requirements and laws</p> <p>Respond to information system intrusions and support investigative processes</p> <p>Provide information security training and awareness programs</p> <p>Implement technological solutions, both hardware and software, as it pertains to information security</p> <p>Manage information security resources</p> <p>*This assessment can also be mapped to the following general education outcomes:</p> <p>Technology Literacy: Demonstrate the ability to communicate, create, and collaborate effectively using technologies in multiple modalities</p> <p>Critical Thinking: Generate a new idea or artifact by combining, changing, or reapplying existing ideas or products.</p>
ASSESSMENT CRITERIA	Program competencies as measured by course outcomes

AND PROCEDURES	from critical points throughout the program of study.
ASSESSMENT RESULTS	<p>Effective is 70% or greater</p> <p>CNT 120: Discuss and understand emerging concepts and practices, average score 81.4</p> <p>Prepare and present a network proposal that includes: network hardware requirements, network operating system requirements, desktop operating systems and application software requirements, network security, network addressing, topology, flow control, staff training, and corporate budgeting, average score 81.4</p> <p>CNT 125 Lab Final Examination, average score 93</p> <p>Final Exam—block of questions used to assess student learning, average score 77</p> <p>LAN Design Laboratory Exercise, average score 83</p> <p>CNT 220 Course objective skills measured by exam questions. Average scores 77.36 (objective 1), 83.73 (objective 2), 69.25 (objective 14), 87.3 (objective 16), 57.24 (objective 24)</p> <p>CISE 200 Course Objective 8: Policy Research Project, average score 93 Course Objective 12: Labs 1-4, average score 91</p> <p>Course objective 1: PA Computer Crimes Statutes Project, average score 86</p> <p>Course Objective 4: Two Awareness Articles, average score 95</p>

<p>USE OF THE RESULTS</p>	<p>Program: Consider changing Comp 4 in the program competencies to “Introduce” instead of “Maintain” to more accurately reflect realistic program outcome.</p> <p>CNT 120: Course/Instructional materials will be updated to ensure that all of the outcomes for the CNT 120 class will be addressed with instructional materials. Course activities will be selected and aligned with the outcomes of the class. The main Assessment tool (final exam) will be reviewed to make sure that it is assessing the CNT 120 outcomes in a reliable manner.</p> <p>CNT 125: Course/Instructional materials will be updated to ensure that all of the outcomes for the CNT 125 class will be addressed with instructional materials. Some additional class instructional material will be developed to assist the students with the concepts addressed in Objective 1. Course activities will be selected and aligned with the outcomes of the class. The main Assessment tool (final exam) will be reviewed to make sure that it is assessing the CNT 125 outcomes in a reliable manner.</p> <p>CNT 220: Review learning outcomes to make sure they are appropriate for a 200 level course, with the possibility of making them outcomes for one of the 100 level courses. Review learning outcomes to make sure they do not overlap with outcomes that are assessed in other classes. Revise learning outcomes to make them more specific and easily assessable. Course/Instructional materials will be updated to ensure that all of the outcomes for the CNT 220 class will be addressed with instructional materials. Course activities will be selected and aligned with the outcomes of the class. The main Assessment tool (final exam) will be reviewed to make sure that it is assessing the CNT 220 outcomes in a reliable manner.</p> <p>CISE 200: Closer supervision of adjunct faculty and standardization of course content and measurements must be considered. Use of standardized rubrics to define research assignment</p>
---------------------------	---

	parameters for grading and expectations is recommended. Improve perceptions of assignment value to discourage 0%, as in the case of Awareness Articles.
Additional Notes / Resources	Program Assessment Report CISE