Associate of Applied Science in CIS Network Administration (Cisco Network Associate) (3588)

Career and Technical Education Degrees and Certificates

#1	AAS in CIS Network Administration (Cisco Network Associate) Student Learning Outcome

Demonstrate technical job-performance and workplace skills. |
| | Courses in the certificate plan that address this outcome

ITCC 2408 - Cisco Exploration 3 - LAN Switching and Wireless

Identify and correct common network problems, and configure, verify, and troubleshoot wired- and wireless networks and switch configurations including VLANs, VLAN Trunking, Inter-VLAN routing, VTP, RSTP, and security. |
| | Assessment Measure for this Outcome

Concept and hands-on skill performance assessments will be used to appropriately assess the total set of knowledge, skills, and abilities of the students for ITCC1408. |
| | Achievement Target for this Measure

70% of students will achieve a passing score on the concept and hands-on skill performance final project for ITCC 2408 - Cisco Exploration 3 - LAN Switching and Wireless. |
| | Findings

Fall 2010
100% of students achieved a passing score on the final project. |
| | Related Action Plans

• Develop rubrics and test item blue prints as scoring guides for the concept- and hands-on skill performance assessments.
• Offer an on-campus class to accommodate students unable to travel to remote site (Kelly ATC). |
| #2 | AAS in CIS Network Administration (Cisco Network Associate) Student Learning Outcome

Demonstrate technical job-performance and workplace skills. |
| | Courses in the degree plan that address this outcome

ITCC 2410 - Cisco Exploration 4 - Accessing the WAN |

	Configure and implement networks, to include basic WAN serial connection, PPP and Frame Relay, NAT, DHCP, DNS, VLANs, and router and switch security.
	Assessment Measure for this Outcome Concept and hands-on skill performance assessments will be used to appropriately assess the total set of knowledge, skills, and abilities of the students for ITCC2410.
	Achievement Target for this Measure 70 % of students will achieve a passing score on the concept and hands-on skill performance final project for ITCC 2410 - Cisco Exploration 4 - Accessing the WAN course.
	Findings Fall 2010 71% of students achieved a passing score on the final project.
	Related Action Plans • Develop rubrics and test item blue prints as scoring guides for the concept- and hands-on skill performance assessments. • Offer an on-campus class to accommodate students unable to travel to remote site (Kelly ATC).
#3	AAS in CIS Network Administration (Cisco Network Associate) Student Learning Outcome for capstone course ITSC2364 Demonstrate technical job-performance and workplace skills.
	Courses in the degree plan that address this outcome ITSC 2364 - Practicum - Computer and Information Sciences, General Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.
	Assessment Measure for this Outcome Concept- and hands-on skill performance on final exam will be used to appropriately assess the total set of knowledge, skills, and abilities of the students. Also considered is the evaluation of the goals set by agreement for the co-operative learning class used as the capstone for the Associate of Applied Science Award.

	Achievement Target for this Measure 70% of students will achieve a passing score on final exam for ITSC 2364 - Practicum - Computer and Information Sciences, General of a C or better including satisfactory evaluation by employer at the end of the grading period.
	Findings Fall 2010 86% of students achieved a passing score on employee's evaluation. 71% of students achieved a passing score on the final exam.
	Related Action Plans - Develop a rubric to assess the practicum. - Develop a rubric to assist employers with evaluation of the students. - Early Alert and Gateway to College Alerts are strictly followed starting Spring 2009. - Develop additional job sites for students to expand their potential for employment. - Strict enforcement of prerequisites.