

Program/Unit IE Plan - 3 Year Comparison

Record ID : 4063	Record ID : 3931	Record ID : 4264
Associate d ID : 3931	Associate d ID : 4264	Associate d ID : 0
Unit Number : 107.4.3		
Program/ Dept Name : AAS Computer Information Systems		
Person Responsib le : Debra Plotts		
Plan Entered By : Sheila Larkin	Plan Entered By : Shelia	Plan Entered By : Sheila Larkin
Selected Term : 2010-2011	Plan Term : 2011-2012	Plan Term : 2012-2013
Program/ Unit Goal : Computer Information Systems programs will prepare students with basic technology skills for successful workplace entry.	Program/ Unit Goal : Computer Information Systems programs will prepare students with basic technology skills for successful workplace entry.	Program/ Unit Goal : Computer Information Systems programs will prepare students with basic technology skills for successful workplace entry.
Program/ Option : Associate in Applied Science	Program/ Option : Associate in Applied Science	Program/ Option : Associate in Applied Science
Scheduled Completi : Summer 2011	Scheduled Completi : June 2012	Scheduled Completi : May 2013

Outcome Type :	Student Learning Objective/Outcome	Outcome Type :	Student Learning Objective/Outcome	Outcome Type :	Student Learning Objective/Outcome
General Ed Outcome :	N/A (Not Applicable)	General Ed Outcome :	N/A (Not Applicable)	General Ed Outcome :	N/A (Not Applicable)
Institutional Goal :	To expand and strengthen program offerings that prepare students for direct entry into jobs at technical, paraprofessional, and entry-level management positions.	Institutional Goal :	To provide educational and support programs that ensure student success.	Institutional Goal :	To offer high-quality educational programs.
Strategic Initiative :	Strategic Initiative II: Pursue excellence in instruction	Strategic Initiative :	Strategic Initiative II: Pursue excellence in instruction	Strategic Initiative :	Strategic Initiative II: Pursue excellence in instruction
Expected Outcome :	Students will demonstrate the ability to set up and configure a CISCO wireless router with basic wireless network configurations and security.	Expected Outcome :	Students will demonstrate the ability to set up and configure a CISCO wireless router with basic wireless network and security configurations.	Expected Outcome :	Students will demonstrate the ability to set up and configure a CISCO wireless router with basic wireless network and security configurations.
Action Plan :	Instructors will provide students with the following: 1. Lectures and demonstrations showing cabling patterns 2. Demonstration of basic routing configurations 3. In-class practice assignments for cabling and routing configurations 4. Simulations	Action Plan :	1.Instructors teaching CIS270 will provide students the opportunity to configure CISCO wireless routers. 2.Instructors will develop support materials related router configurations. 3.Instructors will develop grading rubrics to measure students` success. 4.Instructors will evaluate the effectiveness of the completed	Action Plan :	1.Instructors teaching CIS270 will provide students the opportunity to configure CISCO wireless routers and spend more time emphasizing procedures for network configurations. 2.Instructors will develop support materials related router configurations. 3.Instructors will develop grading rubrics to measure students` success. 4.Instructors will evaluate the effectiveness of the completed assignment.

		assignment. 5.Instructors will provide more opportunity to practice via simulations. 6.instructors will give practice labs will be given to students.		5.Assign additional labs (vitrual and in-class) 6.The course will not be a hybrid course	
Assessme nt Measure :	On-hands assignment that includes: 1) connection of cables and the routers 2) configuration wireless network 3) IP addresses and DHCP Pools 4) Wireless security	Assessme nt Measure :	On-hands assignment that includes: 1) connection of cables and the routers 2) configuration wireless network 3) IP addresses and DHCP Pools 4) Wireless security	Assessme nt Measure :	Lab assignment On-hands assignment that includes: 1) connection of cables and the routers 2) configuration wireless network 3) IP addresses and DHCP Pools 4) Wireless security
Assessme nt Results :	Students were able to complete the final lab with the basic router configurations, but students did not add the proper security on the router.	Assessme nt Results :	90% of the students were able to set up network security successfully on the final exam.	Assessme nt Results :	Students were able to complete a basic router configurations for a wireless network. They were are able to apply security setting for the network.
Analysis of Results :	95% of the students were able to complete the entire final lab with 100 accuracy. 80% of the students placed security on the router successfully.	Analysis of Results :	This is a 10% increase from the previous year. 92.5% of the students were able to complete the entire lab with 100% accuracy.	Analysis of Results :	97.5% of the students were able to complete the entire final lab with 100% accuracy. 90% of the students were able to configure the wireless network suscessfully in the final exam.
Analysis Attachme nts :	CIS270_SACS_Rubric_Fall_2010-2013.xlsx	Analysis Attachme nts :	CIS270_SACS_Rubric_Fall_2010-2013.xlsx	Analysis Attachme nts :	CIS270_SACS_Rubric_Fall_2010-2013.xlsx
Outcome Met :	NO	Outcome Met :	NO	Outcome Met :	Yes

Use of Results :	Instructors need to spend more time emphasizing procedures for network security configurations. In addition, students need additional practice with network configurations. Instructors will assign additional labs (virtual and in-class) to improve the success rate.	Use of Results :	Instructors need to spend more time emphasizing procedures for network security configurations. Instructors will assign additional labs (virtual and in-class) to improve the success rate. Lab time should be extended for the course.	Use of Results :	Minimal change will be made to the course. Instructors will continue to add additional labs that give students the opportunity to practice in and out of the classroom.
Action Taken for Improvement :	Additional labs will be added to in class and homework labs so students can obtain additional practice with the wireless router security settings.	Action Taken for Improvement :	The instructors will spend more time on router security both in lecture and with hands on labs in class and as homework.	Action Taken for Improvement :	Instructors will continue to to upgrade labs to challenge student in and out of the classroom.
Future Action :	Discussion and labs on security will be added to the course.	Future Action :	Additional labs will be added to the course with the emphasis on security.	Future Action :	New or upgraded equipment may need to be added to the course in the future.
Budget Considerations :	NONE	Budget Considerations :	None	Budget Considerations :	None
Resources Needed :	NONE	Resources Needed :	None	Resources Needed :	None
Resource Attachments :	CIS270_Fall_2010_Final_Skills_Exam_Scores.xlsx CIS270_Grades.zip CIS270_SACS_Rubric_Fall_2010-2013.xlsx CIS270_Student-Instructions_v4.0.4.0_FINAL.doc	Resource Attachments :	CIS270_Fall_10-11_Final_Skills_Exam_Scores.xlsx CIS270_SACS_Rubric_Fall_2010-2013.xlsx CIS_270_Cisco_I_Student_Final_Lab_Rubric.docx Wireless_Final_Lab_Fall_2011.docx	Resource Attachments :	CIS270_Network_Final_Prj_Rubric_FA_2012.xlsx CIS270_SACS_Rubric_Fall_2010-2013.xlsx Physical_Connections_and_adding_security_FA_2012.docx