

CENTRAL NEW MEXICO COMMUNITY COLLEGE

ASSESSMENT REPORT

Due to SAAC by September 30

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:			
Fall 2013-Spring 2014 Academic Year	Hye Clark Contact Person	hyeclark@cnm.edu Email	224-4000, ext.50232 Phone Number

Subject of this Assessment Report:		
Program: CIS Systems Administration <input type="checkbox"/> Certificate <input type="checkbox"/> AA <input type="checkbox"/> AS <input checked="" type="checkbox"/> AAS	Gen Ed Area: _____ Applicable to: <input type="checkbox"/> AA/AS <input type="checkbox"/> AAS	Discipline Area: _____

PART 2: EVIDENCE OF ACHIEVEMENT OF PROGRAM OUTCOMES

Summary of Program Success in Achieving Desired Outcomes:
<p>For the fiscal year 2013-14, of the 1766 students with this declared major, 114 earned their degree. The average class size was 19 students and the retention rate was 85.17%. Of those 114 graduates, 72.3% went to work in the CIS field. 14 out of 114 graduates were from Systems Administration concentration.</p>

Description and Evaluation of Recent Changes Made in Support of Student Learning:
N/A

PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING PROCESSES

Learning Outcome(s)/Exit Competencies Assessed:	Classes/Cohorts Assessed:
<i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i> 1. Plan a computer network to meet a variety of business needs. 2. Demonstrate knowledge of how to integrate computer network	Outcome 1-5: All CIS System Admin students were assessed in the Capstone course project.

<p>technologies and services.</p> <ol style="list-style-type: none"> 3. Plan necessary operational support and management for users, applications and equipment in a network. 4. Identify security technologies and disaster planning tools necessary to protect network resources. 5. Employ troubleshooting and monitoring techniques to identify issues that affect availability and performance of a network. 	
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Measurement Tool(s) Used:	Enter X's for type of tool				Initial Achievement Target or Expectation:
	Internal	External	Direct	Indirect	
<i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i>					
<p>Outcomes 1-5: Students are given a project requiring them to design a networking system for a company that is building new facilities. They receive a list of requirements that contains the companies' networking needs. The list is extensive and covers a broad range of networking features including routine administration, remote access, publishing, database, website, staffing, multiple sites, security, back up, maintenance and trouble shooting. With this information the students a tasked to produce a proposal for the company.</p>	X		X		<p>Outcomes 1-5: The System Administration exit competencies are evaluated using a Rubrics with a scale of 4=excellent, 3=good, 2=fair and 1=poor. We believe a score of 3+ for 75% of our students represents success in accomplishing our goals.</p>

Assessment Results/Findings:					
<p>Outcomes 1-5: A total of 17 System Administration students completed the System Administration assessment activities in the Capstone course in Fall, 2013 and Spring 2014.</p> <p>Here are the results.</p> <p>Total students: 17</p>					
	COMP 1	COMP 2	COMP 3	COMP 4	COMP 5

Score	planning	Integrate Technologies	OPS and mgmt	Security and disaster	Troubleshooting
4	11	7	10	10	6
3.5	1	3	1	1	4
3	5	6	6	6	6
2.5	0	0	0	0	0
2	0	1	0	0	1
1	0	0	0	0	0

Raw Data

	COMP 1	COMP 2	COMP 3	COMP 4	COMP 5
Score	planning	Integrate Technologies	OPS and mgmt	Security and disaster	Troubleshooting
3+	17	16	17	17	16
<3	0	1	0	0	1
Meet Target?	Yes	Yes	Yes	Yes	Yes
% of success	100%	94%	100%	100%	94%

Analysis and Interpretation of Assessment Results/Findings:

Students are meeting our goals for outcomes 1-5.

Action Plan in Support of Student Learning:

No new actions are planned at this time. We will continue to track results and develop a new action plan if we identify an unfavorable trend.

Recommendations, Proposals, and/or Funding Requests:

None.

PART 4: EMBEDDED OUTCOMES

<p>Critical Thinking and Life Skills/Teamwork Development within Programs:</p> <p>a) Please describe how Critical Thinking assessment is embedded within your program assessment.</p> <p>b) Please describe how Life Skills/Teamwork assessment is embedded within your program assessment.</p>
<p>a) Students must analyze the problem presented and research to create computer network plans. This process requires critical thinking skills.</p>
<p>b) Students approach the project based on real life planning approach to create business proposal in computer networking.</p>

PART 5: ASSESSMENT CYCLE PLAN (Copy and paste from original plan if unchanged)

<p>Plan Description:</p>

Student Learning Outcomes/Exit Competencies:	When Measured:	Where Measured:	How Measured:
1. Plan a computer network to meet a variety of business needs.	2013-2014	CIS 2999	Students create a business proposal in computer network setting.
2. Demonstrate knowledge of how to integrate computer network technologies and services.	2013-2014	CIS 2999	Network Diagrams and presentation
3. Plan necessary operational support and management for users, applications and equipment in a network.	2013-2014	CIS 2999	Students create network support decisions using server/client technology.
4. Identify security technologies and disaster planning tools necessary to protect network resources.	2013-2014	CIS 2999	Network Diagrams and presentation
5. Employ troubleshooting and monitoring techniques to identify issues that affect availability and	2013-2014	CIS 2999	Students create network support decisions using server/client technology.

performance of a network.			
6.			
7.			
8.			
9.			
10.			