

CENTRAL NEW MEXICO COMMUNITY COLLEGE
ASSESSMENT REPORT
Due to SAAC by October 15

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:			
Fall 2014-Summer 2015	Hye Clark	hyeclark@cnm.edu	224-4000, ext.50232
Academic Year	Contact Person	Email	Phone Number

Subject of this Assessment Report:		
Program: CIS Systems Administration concentration <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 OVERALL PROGRAM EFFECTIVENESS

Summary of Program Successes:
<p>For the fiscal year 2014-15, of the 1,815 students with CIS declared major, 130 earned their degree. The course retention rate for all CIS was 85.8%. 27 out of 130 graduates were from Systems Administration concentration.</p> <p>The overall success rate of assessed student learning outcomes was 96%.</p>

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

PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING

Student Learning Outcome(s) 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"> Plan necessary operational support and management for users, applications and equipment in a network. Identify security technologies and disaster planning tools necessary to protect network resources. 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 Findings:

Outcomes 1-5:
A total of 27 System Administration students completed the System Administration assessment activities in the Capstone course in Fall 2014, Spring 2015, and Summer 15.

Here are the results.

Total students: 27

	COMP 1	COMP 2	COMP 3	COMP 4	COMP 5
Score	planning	Integrate	OPS and	Security	Troubleshooting

		Technologies	mgmt	and disaster	
4	22	14	10	14	18
3.5	2	11	14	8	4
3	2	1	2	4	4
2.5	0	0	0	0	0
2	0	0	0	0	0
1	0	0	0	0	0
Average	3.88	3.75	3.65	3.69	3.77

Raw Data

	COMP 1	COMP 2	COMP 3	COMP 4	COMP 5
Score	planning	Integrate Technologies	OPS and mgmt	Security and disaster	Troubleshooting
3+	26	26	26	26	26
<3	1	1	1	1	1
Meet Target?	Yes	Yes	Yes	Yes	Yes
% of success	96%	96%	96%	96%	96%

Analysis and Interpretation of Assessment 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

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

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

Cycle Years:	Plan Description:
2010-2015	Assessment of students will be based on an understanding of conceptual material evaluated from CIS Systems Admin capstone project. The capstone project will offer the opportunity for students to demonstrate their learned knowledge and skills successfully.

Student Learning Outcomes:	When Measured:	Where Measured:	How Measured:
1. Plan a computer network to meet a variety of business needs.	2014-2015	CIS 2999	Students create a business proposal in computer network setting.
2. Demonstrate knowledge of how to integrate computer network technologies and services.	2014-2015	CIS 2999	Network Diagrams and presentation
3. Plan necessary operational support and management for users, applications and equipment in a network.	2014-2015	CIS 2999	Students create network support decisions using server/client technology.
4. Identify security technologies and disaster planning tools necessary to protect network resources.	2014-2015	CIS 2999	Network Diagrams and presentation
5. Employ troubleshooting and monitoring techniques	2014-2015	CIS 2999	Students create network support decisions

to identify issues that affect availability and performance of a network.			using server/client technology.
6.			
7.			
8.			
9.			
10.			