

CENTRAL NEW MEXICO COMMUNITY COLLEGE
ASSESSMENT REPORT
Due to SAAC by October 11

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information			
2016-2017 Academic Year	Kerry Bruce Contact Person	kbruce@cnm.edu Email	505-224-4000 x53018 Phone Number

Subject of this Assessment Report		
Program: CIS System Administration Concentration <input checked="" 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	Non-Award, Non-Gen-Ed Discipline Area: _____

PART 2: THE YEAR IN RETROSPECT

Program/Area Highlights (Including, wherever applicable, course completion, job placement, and licensing examination information)
<p>For the fiscal year 2016-17, of the 1,226 students with CIS declared major, 122 earned their degree. The course retention rate for all CIS was 86%. The overall success rate of assessed student learning outcomes was 100%.</p>

Changes Made in Support of Student Learning
N/A

PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING

Student Learning Outcome(s) Assessed <i>To add rows: right –click in cell below and select “Insert,” “Insert Rows Above”</i>	Classes/Cohorts Assessed
<ol style="list-style-type: none"> 1. Plan a computer network to meet a variety of business needs. 2. Demonstrate knowledge of how to integrate computer network technologies and services. 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. 	<p>Outcome 1-5: All CIS System Admin students were assessed in the Capstone course project.</p>

Measurement Tool(s) Used <i>To add rows: right –click in cell below and select “Insert,” “Insert Rows Above”</i>	<i>Enter X's for type of tool</i>				Initial Achievement Target or Expectation
	Internal	External	Direct	Indirect	
<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>	<p>X</p>		<p>X</p>		<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

For Linux report, Overall, students who took CIS 1680 have;

TestOut Linux Pro Exam Pass Rate

CNM..... 77.42%
National (All US) 72.74%

Outcomes 1-5:

A total of 27 System Administration students completed the System Administration assessment activities in the Capstone course in Fall 2015 and Spring 2016.

Here are the results.

	COMP 1	COMP 2	COMP 3	COMP 4	COMP 5
Score	planning	Integrate Technologies	OPS and mgmt	Security and disaster	Troubleshooting
4	17	18	16	17	11
3.5	6	4	6	5	7
3	0	1	1	1	5
2.5	0	0	0	0	0
2	0	0	0	0	0
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+	23	23	23	23	23
<3	0	0	0	0	0
Meet Target?	Yes	Yes	Yes	Yes	Yes
% of success	100%	100%	100%	100%	100%
Average	3.87	3.87	3.83	3.85	3.63

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.

Please indicate with an X all of the following that characterize the types of changes described in the above action plan:

- Pedagogical change
 Course revision
 Process revision
 Curricular revision
 Budgetary reallocation
 Faculty training/development
 Assessment criteria revision
 Assessment methodology revision

Recommendations, Proposals, and/or Funding Requests

None

PART 4: ASSESSMENT CYCLE PLAN UPDATE (Copy and paste from original plan if unchanged)

Cycle Years	Description of Changes Made (if applicable)
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.	2016-2017	CIS-2999	Students create a business proposal in computer network setting.
2. Demonstrate knowledge of how to integrate computer network technologies and services.	2016-2017	CIS-2999	Network Diagrams and presentation
3. Plan necessary operational support and management for users, applications and equipment in a network.	2016-2017	CIS-2999	Students create network support decisions using server/client technology.
4. Identify security technologies and disaster planning tools necessary to protect network resources.	2016-2017	CIS-2999	Network Diagrams and presentation
5. Employ troubleshooting and monitoring techniques to identify issues that affect availability and performance of a network.	2016-2017	CIS-2999	Students create network support decisions using server/client technology.