

**ASSESSMENT REPORT
CENTRAL NEW MEXICO COMMUNITY COLLEGE**

The purpose of this form is to provide a written summary of your assessment results for the current assessment cycle.

Fall, 2011 – Spring 2012
(Assessment Period Covered)

June 20, 2012
(Date Report Submitted)

Choose ONE of the following 3 areas for this assessment report and insert the name of the general education area, certificate, degree or discipline on the appropriate line:

See definitions for each category in Assessment Process document

Gen Ed Area (see definitions) _____ AA/AS <input type="checkbox"/> AAS <input type="checkbox"/>	or	Program _____ Certificate AA/AS AAS		Computer Information Systems, System Administration Concentration _____ <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Or Discipline Area (see definitions) _____				
Outcome(s) assessed: 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 6. Linux: Students will demonstrate how to install, configure, create user accounts, issue correct commands and options, and perform standard network administration.				
Classes/Cohort Assessed: Outcome 1-5: All CIS System Admin students were assessed in the Capstone course. Outcome 6: All CIS concentrations which require Linux in their program, will report Linux assessment results. This assessment information reflects all CIS students who take the Linux course.				

Measurement tool(s):

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 are tasked to produce a proposal for the company.

Outcome 6 was assessed via the CIS 1680 Linux Essentials course. All students taking this course will be assigned a final project that encapsulates the exit competencies for this course.

Type of tool (for each tool listed above, indicate type of tool):

All five outcomes are evaluated in the same project

The project used for evaluation is developed internally. There are three deliverables.

1. A network diagram showing the components and layout for the entire network.
2. An oral presentation in which the student puts forth his proposal. This includes questions and answers.
3. A paper supporting the decisions put forward in the presentation

Achievement Target (if more than one measurement tool, list target for each tool separately):

Outcomes 1-5: The System Administration exit competencies are evaluated using a Rubric 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.

Assessment Results/Findings (if more than one measurement tool, list results for each tool separately):

Outcomes 1-5: A total of 8 System Administration students completed the System Administration assessment activities in the Capstone course in Fall, 2011 and Spring 2012. Here are the results.

	COMP 1	COMP 2	COMP 3	COMP 4	COMP 5
SCORE	Planning	Integrate Technologies	Ops and Management	Security and disaster	Troubleshooting
4	6	7	2	6	2
3.5	0	0	0	0	0
3	2	1	6	2	6
2.5	0	0	0	0	0

2.0	0	0	0	0	0
1.0	0	0	0	0	0

Using the Achievement Target of 3+ criteria for 75% of our students, the raw data is:

	COMP 1	COMP 2	COMP 3	COMP 4	COMP 5
SCORE	Planning	Integrate Technologies	Ops and Management	Security and disaster	Troubleshooting
3+	8	8	8	8	8
<3	0	0	0	0	0
Meet Target?	Yes	Yes	Yes	Yes	Yes

Outcome 6: Linux Results

A total of 109 students took the Linux skills exam. This encompasses 7 of the 8 sections (1 section the instructor did not give the exam).

SUCCESS SCORE	RAW TOTAL (OUT OF 109)	%
EXCELLENT 90-100 4	60	55.05
GOOD 80-89 3	18	16.51
FAIR 70-70 2	14	12.84
POOR 69 OR LESS	17	15.60
TOTAL SCORES 3 +	78/109	71.56

Meet target of 80%, score of 3 or 4 for 75% of our students? No.

Action Plan (close the loop):

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5. Employ troubleshooting and monitoring techniques to identify issues that affect availability and performance of a network
6. Linux: Students will demonstrate how to install, configure, create user accounts, issue correct commands and options, and perform standard network administration.

Classes/Cohort Assessed:

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Meet target of 80%, score of 3 or 4 for 75% of our students? No.

Action Plan (close the loop):

No new actions are planned at this time. Targets are being met with exception of Linux. Linux is no longer part of the System Administration Program due to the reduction in hours required for graduation.

We will continue to track results and develop a new action plan if we identify an unfavorable trend.