

**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, 2012 – Spring 2013
(Assessment Period Covered)

June 20, 2013
(Date Report Submitted)
(Submitted by)**Brenda Judd**

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)		or	Program	Computer Information Systems, Database Technology Concentration
AA/AS	<input type="checkbox"/>		Certificate	<input type="checkbox"/>
AAS	<input type="checkbox"/>		AA/AS	<input type="checkbox"/>
			AAS	<input checked="" type="checkbox"/>
Or Discipline Area (see definitions)	_____			

Outcome(s) assessed:

1. Produce an Entity Relationship (ERD) data model with proper terminology and symbols. Produce tables using SQL code with constraints using the ERD model.
2. Produce queries that use: join commands, aggregate and grouping functions, subqueries, DML(insert/update/del), DDL(create/alter)
3. Produce, execute and debug programs from programming specifications that use coding techniques such as: loops, control structures
4. Produce applications (forms, reports, menus) that allow the user to connect to a database server and maintain the data.
5. Install/Maintain MS SQL Server and Produce Enterprise Reporting
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:

Outcomes 1-5 CIS Database Technology students were assessed in their final semester via CIS 2999 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 were assessed via a portfolio of work created by the students. The students were given a detailed document describing the required database programming topics. The document /portfolio topics were described and requested in order of the competencies. Students created a portfolio and each section addressed and demonstrated database programming concepts.

Outcome 6 was assessed via the CIS 1680 Linux Essentials course. All student 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):

Outcomes 1-5: Direct (individual student performance) as demonstrated by database projects and descriptions created by the students.

Outcome 6: (Linux) Direct (individual student performance) using an Internal tool (debugging exams created by full-time network faculty.)

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

Outcomes 1-5: The Database Technology 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.

Outcomes 6: Several CIS concentrations incorporate the Linux course in its area of studies. Our achievement target for all Linux students (for all concentrations requiring this course) is 80%+ on the assessment skills exam.

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

Outcomes 1-5: A total of 7 Database Technology students completed the Database Technology 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	ERD	QUERIES	PROGS	APPS	MS SQL server
4	2	2	2	2	2
3.5	3	3	3	3	2
3	2	2	2	2	3
2.5	0	0	0	0	0
2.0	0	0	0	0	0
1.0	0	0	0	0	0

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(NOTE TO CIS PEOPLE.... JOHN AND I NEED TO PUT TOGETHER)

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	COMP 6
SCORE	ERD	QUERIES	PROGS	APPS	MS SQL server	LINUX
3+	7	7	7	7	7	???
<3	0	0	0	0	0	???
Meet Target?	Yes	Yes	Yes	Yes	Yes	????

Outcome 7: Linux Results

A total of 131 students took the Linux skills exam.

SUCCESS SCORE	RAW TOTAL (OUT OF 131)	
		85%
EXCELLENT 90-100 4	88	67%
GOOD 80-89 3	23	18%
FAIR 70-80	5	4%

POOR 69 OR LESS	15	11%
TOTAL SCORES 3 +	131/131	100%

Total above 80%=85%

Action Plan (close the loop):

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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.