

CENTRAL NEW MEXICO COMMUNITY COLLEGE

ASSESSMENT REPORT

Due to SAAC by September 30

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:			
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Academic Year	Contact Person	Email	Phone Number

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

PART 2: EVIDENCE OF ACHIEVEMENT OF PROGRAM OUTCOMES

Summary of Program Success in Achieving Desired Outcomes:
<p>These four tools were used to measure the first three exit competencies for the Dental Assistant program:</p> <p>Results for the Final Radiology Exam met our criteria with a 72.8 mean average. 9 students fell below our threshold of 71% on the exam but passed the overall course.</p> <p>Results for the Comprehensive Clinical Evaluation meet our criteria with an 89.5 mean average. No students were below our threshold of 71%.</p> <p>Results for the Dental Administration and Communications course meet our criteria with an 85.1 mean average. No students were below the 71% threshold.</p> <p>Results for the Practical Application of Dental Materials course meet our criteria with an 83.4 mean average. No students were below the 71% threshold</p> <p>At this time, only three of the exit competencies were measured. The remaining 2 require data collected in the current fall term (2014). After the Assessment Report remaining data is collected the other 2 exit competencies will be measured and a revised action plan can be formulated.</p>

Description and Evaluation of Recent Changes Made in Support of Student Learning:
<p>Faculty members are being trained to use an online learning management system called Blackboard. This additional skill will support student learning by making lectures, learning material, grades, and assignments easy to access and transparent. This will allow students to see grades early and know how each assessment affects their final grade.</p>

PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING PROCESSES

Learning Outcome(s)/Exit Competencies Assessed: <i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i>	Classes/Cohorts Assessed:
<ul style="list-style-type: none"> • Comprehend, apply and evaluate diagnostic data related to patient information • Perform a variety of clinical supportive treatments • Perform laboratory procedures and basic business office procedures <p><i>These outcomes are assessed throughout the program with various formative tools and build into several summative assessments as indicated under measurement tools.</i></p>	2013-2014 Dental Assisting Cohort

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	
Final Comprehensive Clinical Evaluation (Spring 2014)	X	X	X		Target: Students will pass with a 71%
Final Exam for DA 1517 Radiology Exam (Spring 2014)	X		X		Target: Students will pass with a 71%
Laboratory competencies DA 1193 (Fall 2013)	X		X		Target: All competencies passed with a 71%
Final Comprehensive grade DA 2408 (Summer 2014)	X		X		Target: Students will pass with a 71%

Assessment Results/Findings:
<p>Results for the Comprehensive Clinical Evaluation met our criteria with a 89.5 mean score Results for the Radiology Exam met our criteria with a 72.8 mean score. Results for the Final Comprehensive grade for DA 1292 met our criteria At this time only three of the five exit competencies are able to be measured and recorded in the report. At the end of the fall term the remaining exit competencies are measured.</p>

Analysis and Interpretation of Assessment Results/Findings:
<p>Last year's report did not include the final assessment piece due to the timeline of the report. This assessment is the results from the National Board that students take. This examination measures knowledge of material for the dental assistant and aligns with the program exit competencies #1, #4 and #5. For the 2012-2013 cohort; we had 19 out of 20 pass and become certified dental assistants. Credentialing is a big part of professionalism and is voluntary. The results on the DANB coincide with the results on the capstone course which helps validate the course as an assessment piece.</p>

Action Plan in Support of Student Learning:

Action Plan (close the loop): Currently, the program is meeting its criteria. We will continue to measure the dental administration and communications course as a direct internal tool, the dental materials practical applications course as a direct internal tool and the comprehensive clinical evaluation which utilizes both direct external and direct internal measurement tools. We are re-evaluating the final radiology exam and trying to align it with a more comprehensive assessment based on the content areas outlined in the Dental Assisting National Board (DANB). The capstone course would align better with the DANB but it is an elective course and 79% of the students took it.

Recommendations, Proposals, and/or Funding Requests:

A proposal of using a HESI exam designed for dental assistants to help students prepare for their National Board has been suggested. This would require a fee for the exam that might be incorporated into a course fee. A pilot test would be an necessary to validate its worth. More research needs to be done on this before implementation.

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 do case-based questions and case studies as assignments throughout the program. These assignments are formative and apply to the summative assessments used to determine students readiness to enter the job market. These summative assessments are their clinical assessment.

b) Students are assigned teams during laboratory activities and for several competencies. They must work together to complete skills that are assessed by instructors. They also must work with a dental team during their internship to learn and perform the skill set necessary for a dental assistant.

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

Currently a special topics course was offered in the summer of 2014. 19 of 24 students elected to take this course. It is a good preparation course for the National Dental Assisting Board and aligns with the first program exit competency. However, since this course is an elective and not all students take it, it is not the perfect summative assessment tool. Therefore, the plan is evaluate a HESI exam and look into using FISDP as a tracking device for competencies. Also, a professional behavior rubric will be introduced this term to help assess exit competencies #4 and #5.

Student Learning Outcomes/Exit Competencies:	When Measured:	Where Measured:	How Measured:
1. <u>Comprehend, apply and evaluate diagnostic data related to patient information</u>	2 nd term in program 2013 3 rd term in program 2014 After program completion	DA 1517 (Rad II) DA 2096 (Elective) DANB	Final Comprehensive Evaluation Mock Board Exam National Examination Results
2. <u>Perform a variety of clinical supportive treatments.</u>	2 nd term in program 2013 3 rd term in program 2014	DA 2080 DA 2090	Final Clinical Evaluation Final Clinical Evaluation
3. <u>Perform laboratory procedures and basic business office procedures.</u>	1st term in program 2013 3 rd term in program 2014	DA 1101 DA 2408	Laboratory competencies Final Comprehensive grade
4. <u>Exhibit behaviors consistent with professional and employer expectations</u>	2 nd term in program 2014 3 rd term in program 2014	DA 2080 DA 2090	Final Clinical Evaluation/ Professional Behavior Assessment Rubric Final Clinical Evaluation/ Professional Behavior Assessment Rubric
5. <u>Continual growth and development as a professional dental assistant</u>	3 month after program completion 3 rd term in program 2014	Alumni survey Graduate survey	Credentialing Board State and National Licensing Board