

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

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information			
Fall 2016-Spring 2017	David Ruff	druff@cnm.edu	224-4000 ext 50228
Academic Year	Contact Person	Email	Phone Number

Subject of this Assessment Report		
Program: Construction Management Technology <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>Program enrollment has shown improvement during the last assessment cycle. Job placement remains strong.</p> <p>Student achievement for the learning outcomes assessed were above target levels. The outcomes assessed are fundamental career skills and results are well above the modest target levels.</p>

Changes Made in Support of Student Learning
<p>Courses are offered distance learning to enhance student access. Program curriculum has been revised to decrease credit hours and contact hours. Computer literacy course has been eliminated from the curriculum by demonstrating it is embedded and assessed within the curriculum.</p>

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> SLO #2 Demonstrate a firm understanding of how to read and interpret residential, commercial, and civil drawings and specifications.	CM1105, CM1205, CM1210

SLO #3 Develop a systematic approach to construction cost estimation and project management techniques.	CM1205, CM1220, CM1305
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Measurement Tool(s) Used <i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i>	Enter X's for type of tool				Initial Achievement Target or Expectation
	Internal	External	Direct	Indirect	
SLO #2 Quizzes, Exams, Homework, Projects	X		X		Mean of measurement tools score of >75%
SLO #3 Quizzes, Exams, Homework, Projects	X		X		Mean of measurement tools score of >75%

Assessment Findings
SLO #2 assessment shows an 88% mean measurement of assessment tools. SLO #3 assessment shows a 96% mean measurement of assessment tools.

Analysis and Interpretation of Assessment Findings
Dis-aggregating assessment tools by individual classes shows results below target levels for SLO #2 in CM1105.

Action Plan in Support of Student Learning
An emphasis will be placed on helping students to plan, organize, and complete assignments in CM1105. New Assessment Cycle Plan is complete and will be followed during subsequent assessment periods. The new plan is revised to include student learning outcomes required by program's accreditation body.

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

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Pedagogical change | <input checked="" type="checkbox"/> Course revision | <input type="checkbox"/> Process revision | <input checked="" type="checkbox"/> Curricular revision |
| <input type="checkbox"/> Budgetary reallocation | <input type="checkbox"/> Faculty training/development | <input checked="" type="checkbox"/> Assessment criteria revision | <input checked="" type="checkbox"/> Assessment methodology revision |

Recommendations, Proposals, and/or Funding Requests

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

Cycle Years	Description of Changes Made (if applicable)
1 through 3	CM2999 Construction Management Capstone has been removed from program and the assessment cycle plan.
3	CM2205 Surveying has been removed as this class does not contribute to this student learning outcome.

Student Learning Outcomes	When Measured	Where Measured	How Measured
1. Demonstrate knowledge and skills in basic business management and organization. (Degree only)	Fall and Spring Term Year 1	CM 2210 - General Contractor Preparation	Direct Internal – Quizzes, Exams, Homework, Projects
2. Demonstrate a firm understanding of how to read and interpret residential, commercial, and civil drawings and specifications.	Fall and Spring Term Year 2	CM 1105 - Construction Detailing CM 1205 - Computer Aided Construction Drafting/Engineering CM1210- Mechanical and Electrical Systems Construction	Direct Internal – Quizzes, Exams, Homework, Projects
3. Develop a systematic approach to construction cost estimation and project management techniques.	Fall and Spring Term Year 3	CM 1205 - Computer Aided Construction Drafting/Engineering CM 1220 - Introduction to Construction Project Management CM 1305 - Construction Estimating	Direct Internal – Quizzes, Exams, Homework, Projects

<p>4. Illustrate proficiency in the use of computers and construction related software for estimating, project management, and basic office communication.</p>	<p>Fall and Spring Term Year 4 (current year)</p>	<p>CM1105- Construction Detailing CM1110- Materials and Techniques CM 2105 - Construction Scheduling CM 2115 - Computerized Estimating Techniques</p>	<p>Direct Internal – Quizzes, Exams, Homework, Projects</p>
<p>5. Apply relevant communication skills, project teamwork, and problem solving techniques in the construction industry work environment. (Degree only)</p>	<p>Fall and Spring Term Year 5</p>	<p>CM1110- Materials and Techniques CM1115- Commercial Construction Theory CM1215- Construction Equipment and Methods</p>	<p>Direct Internal – Quizzes, Exams, Papers, Homework, Projects, Presentations.</p>
<p>6.</p>			
<p>7.</p>			