

**CENTRAL NEW MEXICO COMMUNITY COLLEGE**  
**ASSESSMENT REPORT-Part I**  
**Assessment Data Results**

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)

6/15/2012  
 (Date Report Submitted)

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 (Contact Person/email/phone)

**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	Geographic Info. Tech.
AA/AS <input type="checkbox"/> AAS <input type="checkbox"/>		Certificate AA/AS AAS	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Or Discipline Area (see definitions) _____			
<b>Outcome(s) assessed:</b> <ol style="list-style-type: none"> <li>1. Communicate results of GIS-based research to technical and non-technical audiences.</li> <li>2. Demonstrate understanding of theoretical concepts related to geographic data including spatial references, data models, data file structures and database management.</li> </ol>			
<b>Classes/Cohort Assessed:</b> <ol style="list-style-type: none"> <li>1. GIS 1001, Introduction to GIS (Fall 2011; Spring 2012); GIS 2030, GIS Project Design (Spring 2012)</li> <li>2. GIS 2001 Fall 2011 (midterm); GIS 2030 students (capstone, 2 cohorts)</li> </ol>			
<b>Measurement tool(s):</b> <ol style="list-style-type: none"> <li>1. Final course project grades (GIS 1001; GIS 2030)</li> <li>2. Midterm exam grade (GIS 2001); Grade on National Geospatial Skills Exam</li> </ol>			
<b>Type of tool (for each tool listed above, indicate type of tool):</b> <ol style="list-style-type: none"> <li>1. Direct, Internal</li> <li>2. Direct, Internal (midterm); Direct, External (national exam)</li> </ol>			

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

Outcome 1: GIS 1001

80% of student final projects receive grade of B or better

Outcome 1: GIS 2030

80% of student final projects receive a score of 7 or better on each section of the final project grading rubric.

Outcome 2: 80% of students score 80% or better on GIS 2001 midterm

Outcome 2: 80% of students score 70% or better on National Geospatial Skills Exam

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

Outcome 1: GIS 1001

Watson: 86% final project of B or better (Spring 2012)

Menke: 74% final project of B or better (Fall 2011)

Outcome 1: GIS 2030

Based on the final project grading rubric, 76% of students received a score of 7 or better on each section.

Though not a formal part of the assessment for this competency, it is worth noting that 2 students' projects are also finalists in a national competition this July.

Outcome 2: GIS 2001

64% of students scored over 80% on the GIS 2001 midterm (14 out of 22). This did not meet the target of 80% rate.

Outcome 2: The measurement of this outcome was hindered by the fact that student participation was much lower than desired. Of 11 students who registered to take the exam, only 4 completed it, with 2 of those scoring 70% or better, including 1 student who scored the highest on the exam, nationwide. Since this exam is external and not currently part of students' grades, it is difficult to enforce that students take the exam. Nationwide, the average score on the exam was 70.9%, validating the selection of 70% or better as a metric for this competency.