

**ASSESSMENT CYCLE PLAN
CENTRAL NEW MEXICO COMMUNITY COLLEGE**

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

General Education Area (see definitions, indicate area on appropriate line)

AA/AS _____
AAS _____

Program (note program name on appropriate line)

Certificate Geographic Information Technology
AAS _____
AA _____
AS _____

Discipline Area
(see definitions) _____

- 1 Provide a list of student learning outcomes for this area or program (you may add more lines if necessary by right clicking and choosing insert row below):

1	Communicate results of GIS-based research to technical and non-technical audiences.
2	Demonstrate understanding of theoretical concepts related to geographic data including spatial references, data models, data file structures and database management.
3	Obtain, process and create GIS data layers appropriate to a particular research topic using a variety of techniques including field data collection, downloading from Internet, manual digitizing and other methods.
4	Create image data using remote sensing techniques.
5	
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10	

2 Prepare the Preliminary Assessment Cycle for the above student learning outcomes and complete the following chart

Outcome #	When Measured	Where measured (i.e. what course(s))	Measurement tool(s) & Type of tool
1, 2	Fall 2011, Spring 2012	GIS 1001, GIS 2001	Project grade (direct, internal), Midterm exam (direct, internal)
3,2	Fall 2012, Spring 2012	GIS 1001, GIS 1010, GIS 2001	Lab assignments (direct), National Geospatial Skills exam (indirect, external)
4, 2	Fall 2013, Spring 2014	GIS 1001, GIS 1010, GIS 2001	Lab assignments (direct), National Geospatial Skills exam (indirect, external)
2	Fall 2014, Spring 2015	GIS 1001, GIS 1010, GIS 2001	Lab assignments (direct), National Geospatial Skills exam (indirect, external)