

**Trend Data for Assessment Findings, GIS Certificate Program
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Program/Department Graduate Certificate in GIS/GSHAA **Assessment Coordinator** Gebeyehu Mulugeta

Instrument	2012/2013 Results	Actions Taken	2013/2014 Results	Actions Taken	2014/2015 Results	Actions Taken	Summary
Student-self Assessment;	Student self-assessment results indicated satisfaction with program; students listed several skills and concepts they learned in the past year; they also listed several skills and concepts that they could explain to other students.	Faculty revised the curricula of all the programs offered by the Geog unit in spring 2013 to improve student learning.	Overall, students' responses indicate satisfaction. Students' comments include: students should not be allowed to take 4810/5810 before they take 4800/5800; there should be more interactive learning in Cartography/GIS classes (traditional lecture format does not engage students).	Curriculum revised during 2013/2014 AY to improve student learning & increase enrollment; marketing brochure in preparation for distribution on campus, at professional meetings, & at local high schools and community colleges.			
<i>Pretest/ Post-test</i>	(a) Average pretest score was 52% and no student met the criterion ($\geq 80\%$) for satisfactory performance. Pretest helped instructor to identify which basic concepts to review before delving into advanced concepts in the advanced course. (b) Significant student learning took place during the course of the semester; the average post-test score was 84%. Average post-test scores for the past six assessment periods, except one, met or exceeded the criterion ($\geq 80\%$) set for satisfactory	Pretest results were discussed in class and based on the results, instructor reviewed basic concepts before delving into advanced concepts in the advanced-level course.	(a) Average pretest score was 62% and no student met the criterion ($\geq 80\%$) for satisfactory performance. Pretest helped instructor to identify which basic concepts to review before delving into advanced concepts in the advanced course. (b) Significant student learning took place during the course of the semester; the average post-test score was 83%. Average post-test scores for the past seven assessment periods, except one, met or exceeded the criterion ($\geq 80\%$) set for satisfactory	Pretest results were discussed in class and based on the results, instructor reviewed basic concepts before delving into advanced concepts in the advanced-level course.			

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Capstone Project Portfolio & Poster	One student completed project & received "A." The quality of the project was of superior quality	Faculty will continue efforts to improve student projects; student will be encouraged to present project at ILGISA (Illinois GIS Association) conferences.	3 students completed the capstone course in Spring 2014 & graduated from the GIS Certificate Program; all three students received a grade of A ; the GIS projects, the portfolios, and the posters were considered to be of excellent quality. One of the 3 students presented a poster of his capstone project at HERE and GSE Student Symposium on 03/14/14 and won 2 nd place (HERE is subsidiary of NOKIA & GSC is Geographic Society of Chicago).	All 3 students were encouraged to present their projects at the ILGISA (Illinois GIS Association) Fall 2014 Conference which will take place in Lisle, Illinois.			