

## Grading criteria for GEOS 378 Final Project (40 points)

Criterion: The student was able to	Professional quality	Above average	Satisfactory	Needs much improvement	No evidence
<u>Problem definition</u> : define an appropriate problem/application where GIS can be put to use	2	1.5	1	0	0
<u>Data acquisition</u> : identify the data needed to address the problem and acquired relevant/available data (personal contacts, library, web, GPS)	4	3	2	1	0
<u>Method outline</u> : outline a feasible data processing and analysis strategy, given the available data	2	1.5	1	0.5	0
<u>Data processing</u> : carry out the processing successfully. If not, the student demonstrated where and why the proposed strategy did not work and adopted an alternate strategy	8	7	5	2	0
<u>Analysis and presentation of results</u> : analyze the results and present the results effectively with the help of appropriate maps (cartographically sound), tables, graphics, and or explanatory text	8	7	5	2	0
<u>Discussion</u> : discuss the advantages, limitation, future directions of the work and techniques. Specific to presentation: satisfactorily respond to the questions from peers and audience.	2	1.5	1	0.5	0
<u>Specific to presentation</u> : deliver a presentation that was well structured, well timed, conveyed important information and conformed to the guidelines provided.	4	3.5	2.5	1	0
<u>Specific to report</u> : prepare a final report that was professionally put together with respect to content, structure, layout, neatness, spelling, grammar, references, etc. (conformed to guidelines provided)	4	3.5	2.5	1	0
<u>Background reference</u> : demonstrate an effort to consult work of other researchers in defining and implementing the project	2	1.5	1	0.5	0
<u>Overall</u> : demonstrate a rigorous approach and systematic work. Presentation, report and digital backup were submitted in a timely manner	4	3.5	2.5	1	0
	40	33.5	23.5	9.5	0

### Grading criteria for class participation / home work (25 points)

	Excellent	V. Good	Average	Poor	V. poor
Systematic/timely work on project	6	5	3	2	1
Attendance in lectures and labs	6	5	3	2	1
Revision of what has been taught	3	2.5	2	1	0
Participation in class discussions	4	3	2	1	0
Lab exercises / homework	6	5	3	2	1
	25	20.5	13	8	3

### Grading criteria for quiz (15 points)

Closed book 15 questions; 1 point each
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### Grading criteria for Test 2 (20 points)

**Note:** GIS involves acquiring, integrating, analyzing, managing and visualizing geospatial data.

Criteria	
Identified key components and concepts of GIS	7
Clarity of thought. How effectively were the concepts conveyed	6
Exercise generated / strategy outline would engage and enthuse	4
Applications/advantages of GIS were explained/revealed	3
	20

### Grading Index

85-100 = A
75-84 = B
65-74 = C
50-64 = D
Below 50 = Fail