

**Information Technology for GIS
Geol 4427-5527 -- 3 credits
Fall Semester**

Instructor: Keith T. Weber
Meeting: Tuesdays 8:30am-11:00am MT
Text: none

Syllabus

#	Week of	Topics	Hands-on
1	Aug. 20	Overview of course and syllabus Understanding networks	
2	Aug. 27	Understanding servers	
3	Sep. 3	CyberSecurity and system administration	X
4	Sep. 10	Exam 1	
5	Sep. 17	Understanding RDBMS	X
6	Sep. 24	Enterprise Databases	
7	Oct. 1	Object-Oriented Design Reading a business statement Object-Relational Databases (ORDBMS)	X
8	Oct. 8	ArcGIS Enterprise	X
9	Oct. 15	ArcGIS Server basics	X
10	Oct. 22	Data Architecture and SSQL in ORDBMS	X
11	Oct. 29	AGOL web maps	X
12	Nov. 5	Data Science and Data Engineering	X
13	Nov. 12	Cloud computing and GIS	X
14	Nov. 19	No class- Thanksgiving Break	
15	Nov. 26	Delivering actionable information	
16	Dec. 3	Dead week (review)	
17	Dec. 10	Final Exam	

Grading is based on a weighted total points schedule as shown below. Be aware that although homework is weighted 10-15%, there are nearly 2000 pts derived from homework in contrast to 100-200 from exams.

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Exam I:	30%	Exam I:	25%
Final Exam:	45%	Final Exam:	35%
Homework:	15%	Homework:	10%
		Project:	20%
Classroom	10%	Classroom	10%

Late policy: -10% per day

Our program is committed to all students achieving their potential. If you have a disability or think you have a disability (physical, learning disability, hearing, vision, psychiatric) which may need a reasonable accommodation, please contact the ADA Disabilities & Resource Center located in Graveley Hall, Room 123, 282-3599 as early as possible.

	Greater than	Less than
A	91	100
A-	87	90.9
B+	84	86.9
B	81	83.9
B-	78	80.9
C+	74	77.9
C	71	73.9
C-	69	70.9
D+	64	68.9
D	60	63.9
D-	56	59.9
F	0	55.9

Download a spreadsheet to track your scores and grades from <https://giscenter.isu.edu/training/MyIT4GISscores.zip>