
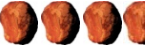












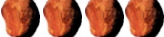


**Information Technology for GIS
Geol 427-527 -- 3 credits
Fall Semester**

Instructor: Keith T. Weber
Meeting: Tuesday 9-11:30am
Texts: (hand-outs will be used)

Syllabus

#	Week of	Topics	Difficulty	Hands-on
1	Aug. 23	Overview of course and syllabus Management and scheduling		*
2	Aug. 30	Understanding networks		
3	Sep. 6	Understanding servers		
4	Sep. 13	System administration and the Enterprise		*
5	Sep. 20	Mid-term exam		
6	Sep. 27	Understanding RDBMS		
7	Oct. 4	Introduction to IBM DB2 UDB		*
8	Oct. 11	Object-Oriented Design Reading a business statement		*
9	Oct. 18	Object-Relational database design		*
10	Oct. 25	Arc Spatial Database Engine		*
11	Nov. 1	ArcGIS Server basics		*
12	Nov. 8	Spatial SQL		*
13	Nov. 15	Arc Internet Map Server: customization		
14	Nov. 22	No class- Thanksgiving Break		*
15	Nov. 29	work session (ArcIMS, IBM DB2, IBM Rational Rose)		*
16	Dec. 6	Review		
17	Dec. 13	Final Exam		

Grading:

427
Exam I: 30%
Final Exam: 35%
Homework: 25%

Classroom 10%

527
Exam I: 25%
Final Exam: 25%
Homework: 20%
Project: 20%
Classroom 10%

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.