

Syllabus

- Course No: 457.541(001)
- Course Name : Advanced GIS (Sub Title : Spatial Database)
- Lecture Schedule :
- Course Keywords : DB system architecture, data modeling, DB model, standard, data sharing and warehousing, web system, decision making, data mining, system architecture design, etc
- Lecturer : Kiyun Yu(35-406, 880-1355 kiyun@snu.ac.kr)

Course Objectives

This course purposes students to have several concepts on spatial data for deep understandings and applications of GIS. For this, several topics including data modeling, DB model, data standard, metadata, data sharing, data warehousing, web system, DB system architecture, decision making, project processing, data mining will be dealt with.

Text & References

1. Spatial Database Systems, Albert K.W. Yeung and G. Brent Hall, Springer
2. to be posted

Prerequisite

- Understanding of introductory level GIS is necessary

Miscellaneous

- etl site : class handouts and all other communications
- attending course related conferences or seminars is highly recommended (can replace classes)