CS 5513 - ADVANCED DATABASE MANAGEMENT  
SPRING 2009  
SECTION 1: 10:30 AM - 11:15 AM (Tuesday, Thursday)

Instructor:  
Dr. Le Gruenwald  
Office: 144B EL, 405-325-3498  
Office Hours: 4:00 PM-5:00 PM Tuesday, Thursday

Textbooks:  
Reading Lists on Current Research Topics in Databases (provided by the instructor)

Prerequisite:  
CS 4513 (Database Management) or Equivalent.

Software:  
Oracle and open source software

Course Website:  
http://learn.ou.edu

Course Coverage:  
This course will examine current applied and theoretical subjects in database systems.  
The topics to be covered in this course include:  
- Distributed Databases  
- Object-Oriented and Object-Relational Databases  
- Web and XML Databases  
- Multimedia Databases  
- Stream and Sensor Databases  
- Mobile Databases  
- Data Warehouse and Data Mining  
- Database Security

Grading:  
- Project and Presentation 45%  
- Final Exam 25%  
- Homework 30%

IMPORTANT NOTE: Any student in this course who has a disability that may prevent him or her from fully demonstrating his or her abilities should contact me personally as soon as possible so that we can discuss accommodations necessary to ensure full participation and facilitate your educational opportunities