

# CS 697 Spatial Data Mining

## Pre-Exam Review

Spring 2010

**Wei Ding**

### □ **Schedule**

The examination is close-book and close-note. However, you can prepare a cheat sheet using one piece of paper, size 8.50" \* 11.00", double side, no less than 11-font size and single line space, or two pieces of paper single side.

There are **70 minutes** for the Final Examination.

Class Time	Exam Time
<b>8:30 PM</b> <b>(Web Lab S-3-28)</b>	8:35 PM – 9:45 PM Tuesday March 9
Must be at class room at 8:30 PM sharp	Assume it takes 5 minutes to distribute the Final Examination papers

### □ **Topics to be bested in the exam**

- The lectures of
  - Introduction to Spatial Data Mining
  - Data Preprocessing
  - Classification Part I

The PDF files of the three lectures are posted at the UMass Online.

- Three research papers
  - Automatic Detection of Sub-Kilometer Craters in High Resolution Planetary Images
  - Discovery of Climate Indices using Clustering
  - Automated Cyclone Discovery and Tracking using Knowledge Sharing in Multiple Heterogeneous Satellite Data

The three research papers are posted at the UMass Online. The PPT slides designed by three teams are posted at <http://www.cs.umb.edu/~ding/classes/697/student.htm>.