

EFFECTIVE USES OF BLACKBOARD FOR COURSE MANAGEMENT

Wei Ding

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Computer Science Department

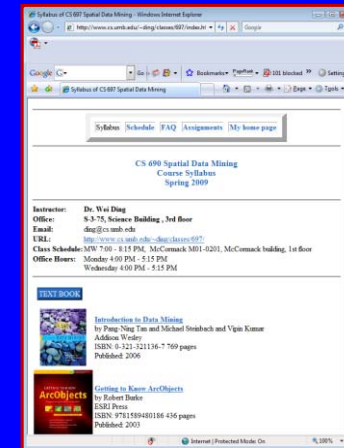
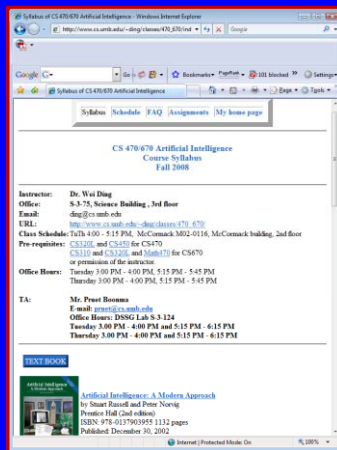
wei.ding@umb.edu

<http://www.cs.umb.edu/~ding>

Background

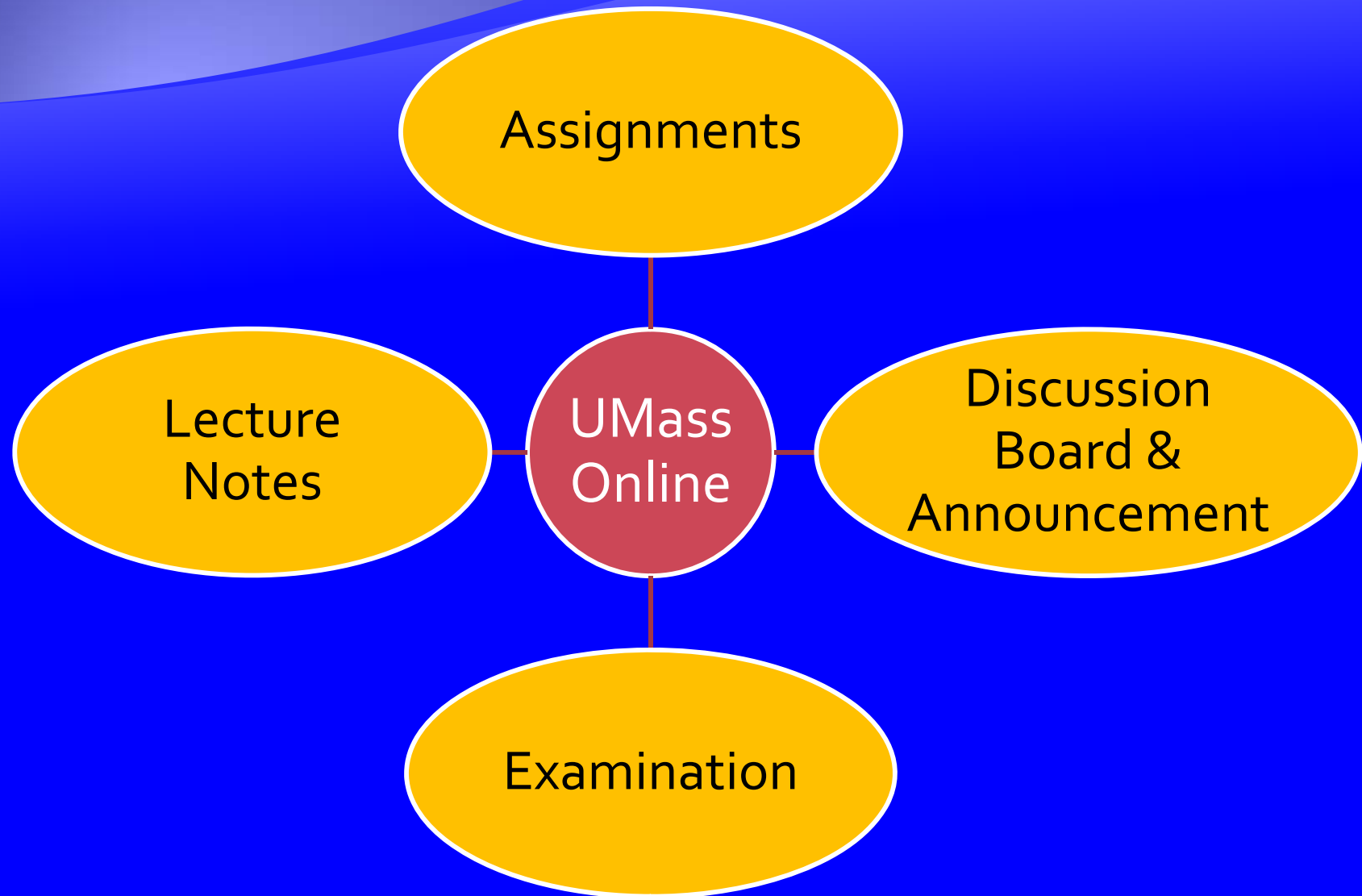
CS 470/670 Artificial Intelligence
Fall 2008

CS 697 Special Topics on Spatial Data mining
Spring 2009



UMassOnline

Course Management



Assignment

Blackboard Learning System

https://learning.umassonline.net/webct/urw/lc26226.tp0/cobaltMainFrame.dowebct

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Build Teach Student View **Spring 2009 Regular Sessions - CS 697 Special Topics Spatial Data Mining Spring**

Your location: **Assignments**

Assignments

- Homework 1**
Due Date: February 2, 2009 7:00 PM
see <http://www.cs.umb.edu/~ding/classes/697/homework/hwk1.pdf>
- Homework 2**
Due Date: February 18, 2009 7:00 PM
<http://www.cs.umb.edu/~ding/classes/697/homework/hwk2.pdf>
- homework 3**
Due Date: February 23, 2009 7:00 PM
<http://www.cs.umb.edu/~ding/classes/697/homework/hwk3.pdf>
- homework 4**
Due Date: March 9, 2009 7:00 PM
see <http://www.cs.umb.edu/~ding/classes/697/homework/hwk4.pdf>
- Homework 5**
Due Date: March 23, 2009 7:00 PM
<http://www.cs.umb.edu/~ding/classes/697/homework/hwk5.pdf>
- Term Project - data sets**
Due Date: May 31, 2009 12:00 PM
1. hrscandidatesmasterv0.arff training data set includes 126 objects 2. hrscandidatesmasterv2.arff training data set includes 2611 objects 3. Term project files can be downloaded at http://www.cs.umb.edu/~ding/classes/697/homework/termproject/sdm_term_project.zip 4. (New!) CreateClassifiedPolygons.py Erik's Python code to convert ASCII to Raster to Shape files for tile 3_24. (may contain path errors!) 5. (New!) hrsc03classifysvm.py Josh Reyes's code (he modified hrsc03classifyweka.py) for a smo (a support vector machine) classifier.
- Term project phase I**
Due Date: April 1, 2009 7:00 PM
http://www.cs.umb.edu/~ding/classes/697/homework/termproject/term_project.pdf
- Term Project Progress Report**
Due Date: April 15, 2009 7:00 PM
http://www.cs.umb.edu/~ding/classes/697/homework/termproject/term_project_progress_report.pdf
- Term Project Final Report**
Due Date: May 18, 2009 7:00 PM
http://www.cs.umb.edu/~ding/classes/697/homework/termproject/term_project_final_report.pdf
- Term Project Oral Presentation PPT Slides**
Due Date: May 20, 2009 7:00 PM
http://www.cs.umb.edu/~ding/classes/697/homework/termproject/term_project_final_report.pdf

Page: 1 (1-10)

- Description
- Additional dataset
- Due date
- Cut off date
- Grade
- Statistics

Discussion Board & Announcement

The screenshot shows the Blackboard Learning System interface. The top navigation bar includes 'Build', 'Teach', and 'Student View'. The 'Student View' tab is active, showing the course title 'Spring 2009 Regular Sessions - CS 697 Special Topics Spatial Data Mining Spring'. The left sidebar contains 'Course Tools' (Course Content, Assessments, Discussions, Assignments, Announcements, Syllabus, Web Links, Roster) and 'My Tools' (Notes, My Grades). The main content area is titled 'Discussion Board' and shows a description of the feature. Below the description is a 'Create Message' button and a 'View Drafts' button. A table of messages is displayed, with columns for 'Subject', 'Messages', 'Author', and 'Date'. The table lists several messages, including 'Feature Weighted SVMs Using Receiver Operating Characteristics (New)', 'Re-download the term project file zip file: problem is fixed', 'Gini index', 'Term project: teams reassigned', 'Saving between ArcGIS 9.2 and 9.3', 'Details for creat an account, CS 697', 'The CS690 SDM is not available to apply for a course account yet (8:38PM, Mon 01/26/09)', and 'Post a message to test your account!'. At the bottom of the table are buttons for 'Mark as Read', 'Mark as Unread', and 'Create Printable View'.

Blackboard Learning Syst...
https://learning.umassonline.net/webct/urw/lc26226.tp0/cobaltMainFrame.dowebct

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Build Teach Student View Spring 2009 Regular Sessions - CS 697 Special Topics Spatial Data Mining Spring

Your location: Discussions > Discussion Board

Discussion Board

Description (click to collapse)
The course template includes a link to the Discussion Board feature of Blackboard.
View Tutorial on [Creating Discussions](#)

Topic Type: Threaded
Graded: No
Peer Review: No
Posting Restrictions: Allow post and reply
User Identification: User Name

Create Message View Drafts

Expand All Collapse All Display: Threaded Unthreaded All Unread

Subject	Messages	Author	Date
Feature Weighted SVMs Using Receiver Operating Characteristics (New)		Wei Ding	May 6, 2009 6:55 PM
Re-download the term project file zip file: problem is fixed	2 (1 Unread)	Wei Ding	April 8, 2009 9:47 PM
Gini index		Wei Ding	April 2, 2009 1:17 PM
Term project: teams reassigned		Wei Ding	April 2, 2009 10:59 AM
Saving between ArcGIS 9.2 and 9.3	2	Peter Sherman	February 18, 2009 8:24 PM
Details for creat an account, CS 697		Jue Wang	January 28, 2009 11:13 AM
The CS690 SDM is not available to apply for a course account yet (8:38PM, Mon 01/26/09)	3	Binh Tran	January 26, 2009 8:41 PM
Post a message to test your account!	7 (5 Unread)	Demo Student	January 26, 2009 12:44 PM

Mark as Read Mark as Unread Create Printable View

Create Message

- ◆ One location for all messages
- ◆ Off-class discussion
- ◆ Q & A available for whole class

Lecture Notes

The screenshot displays a Blackboard Learning System interface. The browser address bar shows the URL: <https://learning.umassonline.net/webct/urw/lc26276.tp0/cobaltMainFrame.dowebct>. The page title is "Spring 2009 Regular Sessions - CS 697 Special Topics Spatial Data Mining Spring". The left sidebar contains navigation links: "Course Tools" (Course Content, Assessments, Discussions, Assignments, Announcements, Syllabus, Web Links, Roster) and "My Tools" (Notes, My Grades). The main content area is titled "CS 697 Spatial Data Mining" and features a "Weekly Plans" section. This section lists ten topics, each with a document icon and a link: "Introduction to Spatial Data Mining", "Building a Custom Application", "Understanding VBA", "Understanding VBA Part II", "Understanding ArcObjects", "Using ArcObjects", "Data Preprocessing", "Classification", "Association Analysis", and "Cluster Analysis". At the bottom of the main content area, there is a link for "Student Resources and 24/7 Technical Support".

◆ Intellectual Property

Examination

◆ Easy assessment

The screenshot shows the Blackboard Learning System interface for a course titled 'Spring 2009 Regular Sessions - CS 697 Special Topics Spatial Data Mining Spring'. The page is titled 'Spatial Data Mining Examination' and includes a description of the exam. The exam consists of 6 questions, each with a specific point value and type. The total score is 110 points.

Spatial Data Mining Examination

Description

There are 100 points plus 10 bonus points of the exam and you have 120 minutes for the exam.

Protect your own answers.
Must do the exam in the Web lab, S-3-28.
Providing answers for any examination questions, or, informing any person or persons of the contents of any examination prior to the time the examination is given is considered cheating.

Standard academic honesty procedure will be followed for cheating and active cheating automatically results F in the final grade.

Add to Assessment **Create Questions**

Move	Title	Points	Type
<input type="checkbox"/>	1. (20 pts) Question 1 on data preprocessing	20	Paragraph
<input type="checkbox"/>	2. (30 pts) Question 2 on classification	30	Paragraph
<input type="checkbox"/>	3. (10 pts) Question 3 on classification	10	Paragraph
<input type="checkbox"/>	4. (10 pts) Question 4 on classification	10	Paragraph
<input type="checkbox"/>	5. (30 pts) Question 5 on association analysis	30	Paragraph
<input type="checkbox"/>	6. (10 pts) Bonus question on association analysis	10	Paragraph
Total Points		110	Update Total

☒ **Add Question Alternates** **Remove**

Summary

- ◆ Strong technical support by UMass Online
- ◆ Excellent online tutorials
- ◆ Powerful course management tool