Catalog Description
Seminar on current research and development in web databases and data mining over the web.

Instructor: Dr. Nan Zhang (nzhang10 at gwu.edu)
Course Web: http://www.seas.gwu.edu/~nzhang10/6907/
Office: SEH 4590, Phone: (202) 994-5919
Office Hours: Thursdays 2pm - 4pm

Objectives
The scope of this course spans recent research on databases, information retrieval, data mining, and cloud computing which is related to the management of web databases and the exploration of (both surface and deep) web. In particular, we shall cover topics related to the following research areas: indexing, query processing and ranking for web databases and search engines, support for data-intensive distributed applications, information extraction, information integration, deep web mining, social networks.

Required Textbook
No textbook is required for the course. We will primarily focus on reading research papers.

Gradings
25% homework
25% presentation
50% project

Exams
There will be no midterm or final exam.

Assignments
All assignments will be posted on the course website and announced in class. If you miss class for any reason, it is your responsibility to check the website on time and find the assignments you missed. Assignment is due at the beginning of class on the date specified on the assignment. No late assignments will be accepted except for university-excused absences with documentation submitted before or less than 3 calendar days after the due date.

Project
Please check the course website project page (http://www.seas.gwu.edu/~nzhang10/6907/project.html) for updates.

Academic Integrity
The University defines academic dishonesty as “cheating of any kind, including misrepresenting one’s own work, taking credit for the work of others without crediting them and without appropri-
ate authorization, and the fabrication of information.” You can find more information about GW’s Code of Academic Integrity at [http://www.gwu.edu/~ntegrity](http://www.gwu.edu/~ntegrity).

**Americans with Disabilities Act**

Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Disability Support Services office at 202-994-8250 in the Marvin Center, Suite 242, to establish eligibility and to coordinate reasonable accommodations. At a student’s request, DSS prepares an individualized letter to professors which verifies the nature of the student’s disability and documents the need for auxiliary aids and services and/or academic adjustments. Students are encouraged to meet with each professor early in the semester to discuss the academic implications of the disability as they relate to the specific course and to request accommodation. For additional information please refer to: [http://gwired.gwu.edu/dss/](http://gwired.gwu.edu/dss/)
EMERGENCY PREPAREDNESS INFORMATION – SYLLABUS INSERT

Instructor: ____________________________
Course: _______________________________
Building/Room#: _____________________

EMERGENCY NUMBERS
Foggy Bottom (GWPD)…………………202-994-6110
Mount Vernon (GWPD)…………………202-242-6111
VSTC (Loudoun County)……………….911
Other Locations………………………911

NON-EMERGENCY NUMBERS
Foggy Bottom (GWPD)…………………202-994-6110
Mount Vernon (GWPD)…………………202-242-6110
GW Information Line…………………202-994-5050
VSTC Information Line…………………571-553-8333

Fire
☐ Pull the fire alarm
☐ Leave the building immediately using the closest emergency exit, closing doors behind you
☐ Call GWPD (202-994-6111) or 911 when safe to do so
☐ Assemble in a designated area
☐ Re-enter the building only when instructed by emergency officials
  • Do not assume an alarm is false
  • USE STAIRS, do not use elevators
  • If unable to exit the building, go to the nearest exit stairwell or safe area of refuge and call GWPD (202-994-6111) or 911 to report your location
  • If trained, use a fire extinguisher if the fire is small and contained and the room is not filled with smoke

Two emergency exits are located: ________________________________
Primary meeting area (near): ________________________________
Secondary meeting area (far): ________________________________

Severe Weather
Thunderstorms are the most common type of severe weather in the Washington, DC metropolitan area. However, winter storms, extreme hot/cold temperatures, flooding, tornadoes and hurricanes can occur. Check CampusAdvisories.gwu.edu for up-to-date weather advisories and information.

   Shelter-in-place for severe weather events:
   ☐ Seek shelter indoors in a low part of the building
   ☐ Move to a windowless interior room away from hazardous materials
   ☐ Take cover under a sturdy object or against an interior wall
   ☐ Monitor Campus Advisories and local media
   ☐ Wait for the all clear before leaving your safe space

Violence/Active Shooter
If an active shooter is in your vicinity, call GWPD (202-994-6111) or 911 when it is safe to do so and provide information, including the location and number of shooter(s), description of shooter(s), weapons used and number of potential victims.

   Evacuate: If there is an accessible escape path, attempt to evacuate the premises
   • Have an escape route and plan in mind; leave your belongings behind; follow instructions of police officers
   • Hide Out: If evacuation is not possible, find a place to hide where the active shooter is less likely to find you
   • Hide in an area out of the shooter’s view; provide protection; lock the doors; block entry to your hiding place; silence your phone; wait for law enforcement

Take Action: As a last resort and only when your life is in imminent danger, attempt to disrupt and/or incapacitate the shooter by:
• Acting as aggressively as possible against him/her; yelling; throwing items and improvising weapons; and commit to your actions

Emergency Communications
CampusAdvisories.gwu.edu is the university’s primary website used for communicating emergency preparedness and incident-related information (including class cancellations) to the GW community.

GW Alert is a notification system that sends emergency alerts to email addresses and mobile devices. Students, faculty and staff are requested to maintain current contact information and campus location information by logging into the GW Information System (banweb.gwu.edu). In emergency situations, alerts may also appear at the top of university webpages.

Media Outlets, such as 103.5FM or WTOP, may be contact with emergency information, such as weather-related delays and closing.

The Office of Emergency Management, in collaboration with the Office of the Provost, Academic Year 2015-2016. This document and other resources are available on GW Campus Advisories.