CIS 342/WDMD345 Spring 2017
Rich Internet Applications

Instructor: Robert S. Dollinger   **Office Hours:** Mon, Wed 11:00am-11:50am
                                                                     Tue, Thu 2:00 p.m.– 2:50 p.m.

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Administrative Information

Text Rental
None

Website Resources
JavaScript, XML and DOM:
  http://www.w3schools.com/js/default.asp
XMLHttpRequest object
  http://developer.apple.com/internet/webcontent/xmlhttpreq.html
  http://en.wikipedia.org/wiki/XMLHttpRequest
  http://www.w3schools.com/xml/xml_http.asp
AJAX.NET Library
  http://ajax.schwarz-interactive.de/CSharpSample/
Microsoft ASP.NET AJAX Framework
  http://ajax.asp.net/

Optional Supplemental Texts [Would have to be purchased]
Wallace B. McClure, ScottCate, Paul Glavich, Craig Shoemaker – Beginning AJAX with ASP.NET, Wiley Publishing Inc., 2006.
Nicholas C. Zakas, Jeremy McPeak, Joe Fawcett – Professional AJAX, Wiley Publishing Inc., 2006.
Daniel Woolston – Pro AJAX and the .NET Platform, APress, 2006.
Laurence Moroney, Mathew MacDonald – ProASP.NET 2.0 in VB 2005.
Bill Evjen, ScottHanselman,Farhan Muhammad, Srinivasa Sivakumar, Devin Rader – Professional ASP.NET 2.0, Wiley Publishing   Inc., 2006.
Mathew MacDonald – Pro Silverlight 4 in C#, Apress 2010.
Mathew MacDonald – Pro Silverlight 5 in C#, Apress 2012.
Jason Beres, Bill Evjen, Devin Rader – Professional Silverlight 4, Wrox 2010.
Chris Anderson – Pro Business Applications with Silverlight 5.
Sayed Y. Hashimi, Satya Komatineni – Pro Android, Apress 2009.
Reto Meier – Professional Android 2, Application Development, Wrox 2010.
Reto Meier – Professional Android 4, Application Development, Wrox 2012.

D2L
Look for CIS342/WDMD345 site.

Attendance
Regular attendance is expected. Students are responsible for all materials during their absence.

Grades
Homework Assignments:
- To receive full credit, assignments must be handed in on time.
- **To be acceptable for grading, they must be neat, readable, and professional looking. Assignments that fail to do so will be assigned a score of zero.**

- Assignments are due on assigned dates. No late assignments.
- Missing assignments will receive a grade of 0.

<u>Testing</u>:   **[No make-up exams will be given]**
Three content tests during the semester. NA
A comprehensive final: Thursday, May 18th 14:45-16:45

30%	Quizzes	10%	Extra Work
30%	Labs	10%	Course Participation
30%	Final Exam		

Cut-off percentages

	B+ 86.5%	C+ 76.5%	D+ 66.5%	F	Below 62.5%
A 92.5%	B 82.5%	C 72.5%	D 62.5%		
A- 89.5%	B- 79.5%	C- 69.5%			

*Flexibility in the above grading criteria will be provided by various opportunities for make-up and extra work such that interested and dedicated students may always have the chance of improving their final grade.

Course Objectives

To present an integrated and comprehensive view of the RIA methodology and the main supporting technologies.

Course Topics

- **Why RIA?**
- **RIA Technologies**
- **RIA Structure**
- **RIA User Interfaces**
- **Asynchronous Client-Server Communication**
- **Data Access and Web Services**
- **Design Patterns in Internet Applications**
- **Graphics, Visual Effects and Animation**
- **Working with Media**

Office Hours Policy

Preferably, you should come during the office hours as scheduled.

However, my office door is open whenever I'm in, and you can drop by any time with questions or for getting help.

Email

You can use email for shorter, immediate and specific questions. Good chance to get a response the same day.

Don't use email for asking favors or announcing that you are sick!!!

Academic Misconduct Policy

See: http://www.uwsp.edu/dos/Documents/CommunityRights.pdf#page=11

Student Rights and Responsibilities

See: http://www.uwsp.edu/dos/Documents/CommunityRights.pdf.

In an Emergency:

- In the event of a medical emergency, call 911 or use red emergency phone located to the right of the pendulum in the 2nd floor hallway of the Science Building. Offer assistance if trained and willing to do so. Guide emergency responders to victim.
- In the event of a tornado warning, proceed to the lowest level interior room without window exposure on the first floor lavatory in the Science Building. If time or space do not allow, go to A224 or A225 Science Building or remain in the hallways around those classrooms. See http://www.uwsp.edu/rmgt/Pages/em/procedures/other/floor-plans.aspx for floor plans showing severe weather shelters on campus. Avoid wide-span rooms and buildings.
- In the event of a fire alarm, evacuate the building in a calm manner. Meet at the far end of Lot X where the driveway enters Lot X. Notify instructor or emergency command personnel of any missing individuals.
- Active Shooter – Run/Escape, Hide, Fight. If trapped hide, lock doors, turn off lights, spread out and remain quiet. Follow instructions of emergency responders.
- Watch the Active Shooter video at: https://campus.uwsp.edu/sites/rmgt/campus/SitePages/Shots%20Fired%20-%20Lightning%20Strikes.aspx
- Watch the Preventing Violence video at: https://campus.uwsp.edu/sites/rmgt/campus/SitePages/Flashpoint%20on%20Campus.aspx
- See UW-Stevens Point Emergency Management Plan at www.uwsp.edu/rmgt for details on all emergency response at UW-Stevens Point.