

CMSC 491/691

A Web of Data

Administrivia

Fall 2016

Course Objectives

- Understand SW concepts, motivation and goals
- Be able to create and use SW ontologies
- Understand the different kinds of SW reasoning
- Familiarity with SW languages and standards
- Create, consume & manipulate SW data
- Ability to use SW software tools and systems
- Know alternatives: XML, JSON, Microdata, Schema.org, ...
- Ability to define and implement a SW project

Grading

- Grades will be based on homework, exam(s), a project and participation
- Participation includes in class & on Piazza
- 6-8 short homework assignments
 - May experiment with peer assessment
 - Submission details TBD
- In class exam near middle of term
- Projects can be individual or small groups and will have a proposal and final report

Instructor availability

Instructor: Professor Tim Finin

- Pronounced like *fine + in*, not like *fin + in*
- Official office hours: by arrangement
- Drop in whenever my door is open
- Direct general questions (i.e., those that other students may also be wondering about and that Google can't answer) to Piazza first
- We'll try to respond to postings on the discussion list or private email messages within 24 hours

TA: Taneeya Satyapanich, taneeya1@umbc.edu, ITE 344, office hours: Tue and Wed 2:00-3:30

Programming, etc.

- The homework assignments will require using various systems and tools
- Some will require programming, which can be done in a language of your choice (e.g., Java, Python)
- Our examples will be demonstrated in Unix (Linux or MAC OS X), but most can be made to work on Windows
- Having a web server on your own computer may be useful

Web Site: <http://bit.ly/691s16>

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Tim

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Home · Syllabus · Schedule · HW · Exams · Notes · Code · GitHub · Examples · Resources
· Blackboard · Discussion

CMSC 491/691 (sections 491-03, 691-01 and 691-10) is an introductory course for students interested in Semantic Web technologies.

Semantic Web News
What is Semantic Technology? Ontology