

# CIS 220 Course Syllabus

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<b>Instructor</b>	Steve Suehring
<b>Office Location</b>	SCI B233
<b>Telephone</b>	715-346-4337
<b>Office Hours</b>	Mon & Wed 9:30 - 11:00, Tues 9:00 - 10:00
<b>E-mail (Preferred)</b>	<a href="mailto:steve.suehring@uwsp.edu">steve.suehring@uwsp.edu</a>
<b>Textbook (Required)</b>	Dennis, Wixom, Tegarden. Systems Analysis & Design: An Object-Oriented Approach with UML. Wiley. Fifth Edition. 2015. ISBN: 978-1-118-80467-4
<b>Other Material (Recommended)</b>	<p>A good overview of OO as it pertains to this course can be found in "Object-Oriented Thought Process, 4/E" by Matt Weisfeld, ISBN 0321861272. We will use material from this book in class. Consider purchasing this book if you need additional insight into object oriented processes.</p> <p>It is strongly recommended that you backup all of your work to a flash drive or other appropriate medium. All material should fit in well under 1GB.</p>

## Course Description:

This course provides an introduction to many of the concepts used to build information systems. The course examines current practices involved in systems analysis, design, architecture, and development. The course looks at systems as the sum of many parts, each of which is developed in a methodical and logical manner.

At the end of the course, the student will have a portfolio containing examples of their work conducting requirements gathering interviews, creating use cases, activity diagrams, Requests for Proposals (RFPs), and architecture diagrams. In addition, the students will observe and participate in the use of project methodologies including Agile and Scrum.

### **Learning Objectives:**

- Define systems analysis and design techniques and processes.
- Create and work with tools and techniques for IT projects such as requirement definitions, use cases, and other elements.
- Create diagrams and representations of object-oriented systems.
- Apply development methodologies such as Waterfall and Agile to systems design.

### **Assignments, Due Dates, and Late Assignments:**

There will be regular assignments and points-based exercises throughout the course. These assignments and exercises will be discussed in class and possibly on D2L.

For certain assignments there will be time allocated for working on the assignment during class and I recommend that you do so during the class period. Some assignments and points-based exercises will be worked on and submitted during that single class period and therefore cannot be made up later. It is imperative that you attend regularly so that you don't miss these opportunities.

If you are unable to attend class, it is your responsibility to obtain any assignments and supporting materials that are eligible to be worked on outside of class. This should be done prior to the next class period or the assignment due date, whichever is first.

Assignments that are eligible to be worked on outside of class, if late, will typically receive a 50% points reduction if received prior to the beginning of the next class unless other arrangements are made with the instructor. Late assignments beyond the next class after the due date or greater than 1 week late do not receive points.

In all cases, true emergencies do happen that can prevent you from attending or completing your work on time. Please contact the instructor as soon as possible to discuss any available options.

### **Grading (Approximate Weights):**

Attendance and Participation: 5%  
Assignments and Peer Evaluation: 45%  
Quizzes and Exams: 50%

**Grading Scale:**

Final grades are determined according to the following scale and I reserve the right to lower the grading scale (it may require less than 93% to earn an A, for example).

A 100.00% - 93.00%	A- 92.99% - 90.00%	
B+ 89.99% - 87.00%	B 86.99% - 83.00%	B- 82.99% - 80.00%
C+ 79.99% - 77.00%	C 76.99% - 73.00%	C- 72.99% - 70.00%
D+ 69.99% - 67.00%	D 66.99% - 63.00%	D- 62.99% - 60.00%
F Less than 60.00%		

**Attendance:**

Attendance is taken in the form of a sign-in sheet available at the beginning of each class period. If you are more than 20 minutes late for a class, attendance will not be counted. Further, if you need to leave early, you must discuss with the instructor prior to class in order to receive attendance credit for that class period.

If you cannot attend, it is your responsibility to obtain any missed material or assignments from D2L (if available) and/or classmates. Note that material and assignments may not be made available on D2L. In addition, there will likely be times when graded, points-based material, is worked on and submitted only during a single class period and therefore cannot be made up later.

**Academic Standards:**

The University of Wisconsin – Stevens Point is an academic community of individuals committed to the pursuit of learning, the acquisition of knowledge, and the education of all who seek it. This course expects that all work turned in for a grade is your own, or that of your group. A description of your rights and responsibilities as a member of the UWSP community can be found at:  
<http://www.uwsp.edu/dos/Pages/Information%20for%20Students.aspx>

Student Academic Standards and Disciplinary Procedures (UWS/UWSP Chapter 14) is available at <http://www.uwsp.edu/stuaffairs/Documents/RightsRespons/SRR-2010/rightsChap14.pdf>

**Cell Phone, IM and Recording Devices:**

Please turn off cell phones before entering the classroom. Cell phones may not be used in the classroom without prior permission of the instructor. Instant messaging, including Facebook and social media sites, should also be turned off, unless you are communicating with a group member working remotely. If you would like to record (video or audio) any aspect of this course, please seek prior permission from the instructor.

**Emergency Preparedness:**

In the event of a medical emergency, call 911 or use red emergency phone located outside of the Public Science Hall Lab (B238). 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 at SCIENCE A224.

In the event of a fire alarm, evacuate the building in a calm manner. Meet near the grassy area near 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.

See UW-Stevens Point Emergency Management Plan at [www.uwsp.edu/rmgt](http://www.uwsp.edu/rmgt) for details on all emergency response at UW-Stevens Point.