General Information

Lecturer: Linda Werner, linda at soe dot ucsc dot edu
ISM058 meets TTh 10:00am - 11:45 in Physical Sciences 114
Office Hours: T noon-1, Th 2-3pm in Engineering Building 2, room 249
TA: Jian Wang, jwang30 at soe dot ucsc dot edu

Giving a Technical Presentation

General Technical Writing Assistance

Recommended Readings:
The Unified Software Development Process by Ivar Jacobson, Grady Booch, and James Rumbaugh
Extreme Programming Explained by Kent Beck, and Cynthia Andres
VoiceXML 10 Projects to Voice Enable your Web Site by Mark Miller

Grades will be based on:

<table>
<thead>
<tr>
<th>Item</th>
<th>Due Date</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Class participation</td>
<td>Each class</td>
<td>6%</td>
</tr>
<tr>
<td>Pop quizzes</td>
<td>3 per quarter</td>
<td>9%</td>
</tr>
<tr>
<td>Presentation</td>
<td>Assigned</td>
<td>5%</td>
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<tr>
<td>Weekly Assignments</td>
<td>Every week</td>
<td>20%</td>
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<tr>
<td>Midterm</td>
<td></td>
<td>20%</td>
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<tr>
<td>Course project</td>
<td></td>
<td>20%</td>
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<tr>
<td>Final exam</td>
<td></td>
<td>20%</td>
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Weekly Assignment policy:
Submit via eCommons.
It is recommended that you submit your solution by the DUE DATE. You have until ACCEPTED UNTIL DATE to submit your solution, however, if submitted after the DUE DATE but on or before the ACCEPTED UNTIL DATE, your score is reduced by 20% before grading starts. After that time, late submissions are not allowed. This work is an individual activity; each student must submit their own work. It is acceptable for students to work together to discuss the homework, but students should not be writing the solution together. Anytime students get together to discuss a homework assignment, you are required to submit a list of the names of any other students you work with on the assignment that is submitted.

Regrading policy:
After the grades are available, you have 1 week to request a regrade. After that time the course staff may not be able to carry out a regrade. Regrades may result in a higher or lower grade. The ACCEPTED UNTIL DATE will be appropriately modified to accept submissions for regrade.

Attendance policy:
You are required to attend class. There are 3 pop quizzes, at least 1 presentation per student, and a lab
exercise for which you will not receive points if you are absent from class. Additionally, there are class exercises for which you receive points. You will not receive points for these if not in class.

Material from this website is based on course material from Yi Zhang.

**Graded Work:**
For the case studies, you need to use the templates found in eCommons Resources in the templates folder. For the homework cases, you need to use the files found in eCommons Resources in the folder homework_cases. Please see the introduction first. For the discussion cases, you need to use the files found in eCommons Resources in the folder discussion_cases. Please see the introduction first.

**Projects:**
Please see this for a description of the project. The project is group work and requires the submission of a peer review form. See here for the peer review form.

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**Weekly Schedule**

**Week 1**
- **Class1:** Jan 4 Introduction; reading for today - chapter 1
- **Class2:** Jan 6 Introduction; reading for today - chapter 1; 
  ESSS MS 1 open

**Week 2**
- **Class3:** Jan 11 Context of Information Systems; reading for today - chapters 2 and 3; 
  YouTube example of ADE: Microsoft Research Code Canvas
  CTTS MS 1 open
- **Class4:** Jan 13 Systems Analysis; reading for today - chapter 4;
  ESSS MS 1 presentations (Sameer Khan - saakhan@ucsc.edu, Michael Chia - mchia@ucsc.edu, Andrew Chiu - ahchiu@ucsc.edu, Roshni Bhatt - rrbhatt@ucsc.edu);
  ESSS MS 2 open

**Week 3**
- **Class5:** Jan 18 Systems Analysis and TA's Presentation; reading for today - chapter 4;
  CTTS MS 1 presentations and due (Amy Lin, Adam Afshar, Khang Nguyen, Vincent Tang);
  CTTS MS 2 open
- **Class6:** Jan 20 Requirements Determination; reading for today - chapter 5;
  ESSS MS 2 presentations (Sharon Tam, Evelyn Cano, Mohamed Elshaer);
  ESSS MS 3 open

**Week 4**
- **Class7:** Jan 25 Use Cases; reading for today - chapter 6;
  CTTS MS 2 presentations and due (Aaron Weise, Kumar Summan, Cameo Chang);
  CTTS MS 3 open
- **Class8:** Jan 27 Data Modeling; reading for today - chapter 7;
  ESSS MS 3 presentations (Sepehr Saeb, Andrew Stanley, Manjit Singh);
  ESSS MS 4 open

**Week 5**
- **Class9:** Feb 1 Data Modeling; reading for today - chapter 7;
  CTTS MS 3 presentations and due (Matt Hartsock, Omid Shamsoddini, Joey Armenta);
  CTTS MS 4 open
- **Class10:** Feb 3 Process Modeling; reading for today - chapter 8;
ESSS MS 4 presentations (David Zhu, Mario Johnston, Michael Ha);
ESSS MS 6 open

Week 6
Class11: Feb 8 Object Oriented Analysis; reading for today - chapter 9;
CTTS MS 4 presentations and due (Janice Chen, Tiffany Yee, Steven Sonsip);
CTTS MS 6 open
Class12: Feb 10 Feasibility Analysis; reading for today - chapter 10;
ESSS MS 6 presentations (Lisa Tam, Mark Corre, Frankie Wong)

Week 7
Class13: Feb 15 middle project presentation;
CTTS MS 8 open;
ESSS MS 8 open
Class14: Feb 17 midterm exam

Week 8
Class15: Feb 22 Systems Design and Architecture; reading for today - chapters 11 and 12;
ESSS MS 8 presentations (Nav Shergill, Anthony Franco, Brian Diaz);
ESSS MS 9 open
Class16: Feb 24 Database Design; reading for today - chapter 13;
ESSS MS 9 presentations (Rystian Cabellon, Sean Lee);
ESSS MS 10 open;
CTTS MS 6 presentations and due (Junie Yee, Samantha Lu);
CTTS MS 8 presentations and due (Brian Lee, Ray Licardo, Stephanie (Tam) Luu);
CTTS MS 9 open

Week 9
Class17: Mar 1 Input/Output Design; reading for today - chapters 14 and 15;
ESSS MS 10 presentations (Charlie Lui, Stephanie Wu, Amandeep Singh);
ESSS MS 11 open
CTTS MS 9 presentations and due (Nicholas Kwan, Peter Chan);
CTTS MS 10 open
Class18: Mar 3 Extreme Programming;
project presentations;
ESSS MS 11 presentations (Marlo Kertson, Truman Chan, Dhiraj Gopinath);
CTTS MS 11 open

Week 10
Class19: Mar 8 UI/IO Design, Implementation; reading for today - chapters 16, 17, 18;
project presentations
Class20: Mar 10 CTTS MS 10 presentations and due Samir Chaudry, Jerome Politzer);
CTTS MS 11 presentations and due (Richard Lai, Da Fu Liu);
project presentations

Final Exam: Thursday, March 17, 4-7pm in Physical Sciences 114