INFORMATION / RESEARCH / ANALYSIS

Honors 3500

Spring 2017
Day/Time: TR 11:00-12:15 pm
Location: IC-100D

Prof. Ellen E. Bell
Office hours:
Tuesdays, 2-5pm and by appointment

Office: C-215D
Tel. 209-667-3188
Email: eebell@csustan.edu

COURSE DESCRIPTION

(From the Catalog) Application-based introduction to information resources, with attention to issues of access and evaluation. Emphasis on learning how to conduct efficient and effective information searches and acquiring knowledge of basic research protocols. Includes independent research/discussions with research mentor leading to a provisional research proposal for Honors Thesis or Capstone Project. 3 Units. Satisfies G.E. area E1. (Spring of junior year.)

(From the Professor) HONS 3500 is designed to support Honors students as you begin the Capstone project you’ll complete in your senior year. The course focuses on exploring a topic that interests you in the context of different disciplines and research methods. There is a strong emphasis on developing flexibility and curiosity as you formulate research questions and on deepening your knowledge by reading further “into” your selected topic through a detailed literature review. During the first weeks of the semester, you will develop solid research skills, learn to milk the resources available through the University Library for all they are worth, explore ethical practices and research protocols (including IRB and IACUC review), and design a research project. Later in the semester you will complete a pilot study, draft a preliminary research report, and present your initial findings in a poster session at the Honors Capstone Conference. You will learn to give (and take) peer feedback by working with a research partner, in disciplinary cohorts, and with the class as a whole. You will also interview a faculty member to learn more about his or her research. By the end of the semester you will have made significant progress on your Capstone project, giving you the skills you’ll need to complete it and other research projects during your senior year and beyond.
GENERAL EDUCATION LEARNING GOALS AND OUTCOMES
GE Goals and Student Learning Outcomes emphasized in this class are written in **bold** typeface.

Goal 1: Develop the intellectual skills and competencies necessary to participate effectively in society and the world.

Students attaining the first learning goal will be able to:
1. Demonstrate effective oral communication.
2. Demonstrate effective written communication.
3. Demonstrate the ability to think critically and creatively.
4. Apply quantitative reasoning concepts and skills to solve problems.
5. **Find, understand, examine critically, and use information from various sources.**
6. **Comprehend and use appropriate technological resources effectively.**

Goal 2: Develop broad knowledge of biological and physical sciences, humanities and creative arts, and social sciences.

Students attaining the second learning goal will be able to:
1. Explain and apply basic scientific methods.
2. Demonstrate an understanding of the living and non-living physical world.
3. Recognize the structures and institutions that frame human interactions.
4. Express appreciation of cultural, intellectual, and artistic ideas and works.
5. Demonstrate effective creative expression and understanding through artistic means.
6. Identify life-skills and behaviors needed to flourish as a mature person.

Goal 3: Develop abilities to integrate knowledge, make informed ethical decisions, and accept civic responsibility.

Students attaining the third learning goal will be able to:
1. Integrate and combine knowledge and abilities developed in several fields to analyze and critically evaluate specific problems, issues, or topics.
2. Illustrate the ability to self-reflect and assess relevant ethical values.
3. **Identify and analyze problems within local, regional, national, and/or global contexts.**
4. Demonstrate enhanced awareness of multicultural, community, and/or technological perspectives.

COURSE-SPECIFIC LEARNING OUTCOMES
1. Demonstrate flexibility and curiosity in the formulation of research questions
2. Demonstrate a deeper understanding of a research topic through a detailed literature review
3. Display solid research skills, including the ability to access University Library resources effectively (Goal 1.5 and 1.6)
4. Display a familiarity with ethical practices and research protocols (including IRB and IACUC review) by designing an ethically sound research project (Goal 3.2)
5. Demonstrate the ability to identify and contextualize a research question, design a research project, complete a pilot study, and analyze, interpret, and disseminate the results (Goal 3.3)
6. Exhibit facility in giving and receiving peer review.
7. Exhibit the self-discipline required to evaluate and revise work with a thoughtful, ruthless attention to clarity and correctness.
General Education:  E1
Prerequisites:  Junior standing, good standing in the Honors program, or consent of the professor.

REQUIRED TEXTBOOK
Booth, Wayne C., Gregory G. Colomb, and Joseph M. Williams
Also available for Kindle, Nook, iPad, and other e-readers and as a free ebook through the CSU Stanislaus library.

EVALUATION CRITERIA:
Students will be graded based on their scores on the following required assignments:

40%  Weekly Assignments (Reading and Writing) and In-Class Activities
20%  Research Proposal
20%  Research Poster
20%  Research Report

The +/- system WILL be used for this course. On a 100 point scale, final letter grades will be assigned as follows:  A (93+), A- (90-92.9), B+ (87-89.9), B (83-86.9), B- (80-82.9), C+ (77-79.9), C (73-76.9), C- (70-72.9), D+ (67-69.9), D (63-66.9), D- (60-62.9); F (0-59.9). Please note that a grade of C- (70%) or higher is required for credit to be granted for those enrolled under the Credit / No Credit option.

COURSE REQUIREMENTS
1.) Readings:  The tentative schedule of class topics and assignments (reading and writing) is outlined at the end of the syllabus. Additional assignments may be posted on Blackboard and/or announced in class—look for them!

2.) Weekly Assignments (Reading and Writing) and In-Class Activities:  In addition to the three writing assignments listed on the tentative schedule (proposal, poster, report—draft and final versions), you will complete brief weekly assignments made in class and posted on Blackboard. They are designed to help you stay on top of the work that will be required to complete the three major assignments and to build strong research skills.

3.) Research Proposal:  (Draft 1 due Feb 23, Draft 2 due March 9) This is a written representation of your intellectual journey and a road-map of the steps you’ll take to test your hypotheses, address your research questions, and analyze, interpret, and share your findings. It will present your research topic and question, review the related literature to place your question in context, outline the methods you’ll use to explore the topic and address the question, explain how you will analyze and interpret the results, and conclude with a properly formatted “Works Cited” or “References” list. Successful proposals (A & B grades) will state the research question clearly and succinctly; present sufficient background information to contextualize the question; make original, well-supported, and persuasive arguments about the importance and feasibility of the project; and include a clear, well-organized, and feasible research methodology. Successful papers will also be at least 5 typed, double-spaced pages in length (not including title page, Works Cited, or References lists), well-written, free of grammatical
and spelling errors, and cite sources properly. All proposals will be graded for argument, organizational structure, mechanical correctness, and accuracy and relevance of citations.

4.) Research Poster: (Draft 1 due Apr. 27, Draft 2 due May 2, final version due May 11) You will create a poster for presentation in class and at the Honors Capstone Conference during Finals Week (Friday May 19, 12-5pm in the Faculty Development Center). The poster is modeled on those presented at professional research conferences and will summarize your findings to date. Poster guidelines will be provided in class and on Blackboard.

5.) Research Report: (Draft 1 due Apr. 6, Draft 2 due Apr. 20, Final version due May 16) You will write a research report that summarizes the work you have completed during the semester and your findings to date. This report builds on your research proposal and will include the results from your pilot study, a thorough literature review, a summary of the methods you used to address your research question, a discussion of the analyses you completed, and your interpretations of the data and their significance. It will also include a properly formatted Works Cited or References list and appropriate in-text citations. You will draw on this document as you revise and expand your project during your senior year.

ADDITIONAL POLICIES

Academic Honesty and Plagiarism—All work submitted must be your own, and all sources on which you draw to produce that work must be properly credited. Absolutely no infractions of the academic honesty policy (http://www.csustan.edu/JudicialAffairs) will be tolerated. In addition to any administrative disciplinary actions, any student caught plagiarizing, cheating, or otherwise violating the academic honesty policy will be given an F for the assignment and, at the discretion of the professors, may fail the entire course.

Students with Disabilities—if you have a disability that requires classroom or test accommodations, please see me as soon as possible after class or during office hours. If you haven’t done so already, you should contact the Disability Resource Center (MSR-210, Tel. 209-667-3159, TTY 209-667-3044), which is responsible for coordinating accommodations and services for students with disabilities. All information and documentation of disability is strictly confidential.

Office Hours—Office hours are set aside for you—please take advantage of them! If you have any questions about the course material, assignments, your research project, etc. please stop by my office during office hours to talk (Classroom Bldg. C-215D). Outside of office hours, the best way to reach me is by email (eebell@csustan.edu). If you can’t make it to office hours, we can schedule another time to meet or to talk on the phone if that’s more convenient.
**TENTATIVE SCHEDULE: CLASS TOPICS, READING, AND WRITING ASSIGNMENTS**

### Week 1
**Thursday, Jan 26**  
Welcome and introduction to the course—what is research?

### Week 2
**Tuesday, Jan 31**  
Researchers, readers, and topics  
Reading assignment: Booth et al. 2008: Ch. 1-3 (pp. 3-50); Library Tutorial Sections 1.1 & 1.2  
**Thursday, Feb 2**  
Research questions, problems, and sources  
Reading assignment: Booth et al. 2008: Ch. 4-6 (pp. 51-101); Library Tutorial Sections 2.1 & 2.2

### Week 3
**Tuesday, Feb 7**  
Library Session I  
Reading assignment: Read the articles you’ve found  
Writing assignment: Write a brief (1-2 paragraph) summary of each article and include full bibliographic information (2 minimum)  
**Thursday, Feb 9**  
Library Session II  
Reading assignment: Read the articles you’ve found  
Writing assignment: Write a brief (1-2 paragraph) summary of each article and include full bibliographic information (2 minimum)

(Tutorials to support your work are posted on Blackboard—Library Tutorial Sections 3, 4, & 5)

### Week 4
**Tuesday, Feb 14**  
Research methods and data collection  
Reading assignment: Robson 2007: Ch. 4-5 (pp. 70-111); continue finding and reading sources  
Writing assignment: Continue taking notes/summarizing sources—including bibliographic info (spot-checks are possible—bring your work to class!)  
**Thursday, Feb 16**  
Research ethics and IRB approval  
Reading assignment: Booth et al. 2008: 273-276; IRB website  
Writing assignment: Complete on-line CITI Training: Ethical Conduct of Research (bring certificate to class)

### Week 5
**Tuesday, Feb 21**  
Research partner speed meeting session  
Reading assignment: Continue finding and reading sources  
Writing assignment: Continue taking notes/summarizing sources—including bibliographic info
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| Thursday, Feb 23 | Research partner workshop  
Reading assignment: Structuring a research proposal websites (links on Blackboard)  
Writing assignment: **Research Proposal Draft 1 due** |
| Thursday, Feb 23 | (spot-checks are possible—bring your work to class!) |
| Tuesday, Feb 28 | Progress Conferences I with Bell—see schedule  
Reading assignment: Continue finding and reading sources  
Writing assignment: Continue taking notes/summarizing sources—including bibliographic info  
Networking Assignment: Revise Research Proposal in light of workshop feedback |
| Thursday, Mar 2 | Progress Conferences I with Bell—see schedule  
Reading assignment: Continue finding and reading sources  
Writing assignment: Continue taking notes/summarizing sources—including bibliographic info  
Networking Assignment: Revise Research Proposal in light of workshop feedback |
| Thursday, Mar 9 | Structuring an Argument: Claims, Reasons, and Evidence  
Reading assignment: Booth et al. 2008: Ch. 7-9 (pp. 105-138)  
Continue finding and reading sources  
Writing assignment: Continue taking notes/summarizing sources—including bibliographic info  
Networking Assignment: Revise Research Proposal in light of workshop feedback |
| Thursday, Mar 9 | (spot-checks are possible—bring your work to class!) |
| Tuesday, Mar 7 | Structuring an Argument: Acknowledgements, Responses, and Warrants  
Reading assignment: Booth et al. 2008: Ch. 10-11 (pp. 139-170)  
Writing assignment: **Research Proposal Draft 2 (including pilot study) due** |
| Tuesday, Mar 14 | Reporting your Research: Planning and Drafting  
Reading assignment: Booth et al. 2008: Ch. 12-13 (pp. 173-202)  
Writing assignment: Conduct pilot study (spot-checks are possible—bring your work to class!) |
| Thursday, Mar 16 | Reporting your Research: Communicating Evidence Visually  
Reading assignment: Booth et al. 2008: Ch. 15 (pp. 213-231)  
Writing assignment: Conduct pilot study (spot-checks are possible—bring your work to class!)  
Outline your research report—what will it include? |
<p>| Mar 21 &amp; 23 | <em><strong>Spring Break—No Class Meetings</strong></em> |</p>
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<td><strong>Thursday, Mar 30</strong></td>
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<td><strong>Thursday, Apr 6</strong></td>
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| **Tuesday, Apr 25** | Citing sources properly  
| Reading assignment: | Citation links on Blackboard  
| Writing assignment: | Ensure all sources cited in your Research Report are formatted properly  
| **Thursday, Apr 27** | Research partner poster review  
| Writing assignment: | **Poster Draft 1 due to Research Partner**  

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| **Tuesday, May 2** | Group poster review—Session 1 (see schedule)  
| Writing assignment: | **Poster Draft 2 due to Bell via Blackboard link**  
| **Thursday, May 4** | Group poster review—Session 2 (see schedule)  
| Writing assignment: | Revise poster based on group poster review comments  

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| **Tuesday, May 9** | Plagiarism: The Ultimate Academic Crime  
| Reading assignment: | Film: *Shattered Glass* (first half)  
| Writing assignment: | plagiarism and scientific misconduct links on Blackboard  
| **Thursday, May 11** | Finish viewing and discuss *Shattered Glass* and research ethics/misconduct  
| Writing assignment: | **Final Poster due via Blackboard link**  
| **Tuesday, May 16** | What happens next?  
| Writing assignment: | **Research Report due**  

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| **Friday, May 19** | **Poster Presentation at the Honors Capstone Conference**  
| (12-5pm, FDC) | Have a Great Summer!