

ISC 5939 - Advanced Graduate Seminar

Scientific Communication

Summer 2016

Instructor:	John Burkardt email: jburkardt@fsu.edu office: 445 DSL
Website:	http://www.sc.fsu.edu/~jburkardt/classes/sc_2016/sc_2016.html
Time:	Wednesdays, 2:00-3:40, 499 DSL

Course Description: This course considers a number of forms of scientific communication, including technical reports or papers, oral presentations, grant applications, and material associated with job searches.

During this course, you will see and evaluate samples of such material, and be asked to produce similar scientific documents corresponding to your own research, studies, and personal situation.

The most significant task in the course is the outline, drafting, review and revision of a technical report, research paper, or article of some kind. Students are encouraged to write this document as though it were to be submitted to a journal. And in fact, at some point, each student's document will be anonymously reviewed, and returned with comments that must be addressed in the final draft.

At the end of the course, students will present a final version of their paper, and give an oral presentation of their work to the class.

Students will:

- write and revise a research or technical paper;
- create a curriculum vitae, to be critiqued by the FSU Career Center;
- create a professional web page;
- make an application for a workshop, internship, grant, or scholarship.

Course Objectives: Students will be able to:

- plan, outline, write, and revise papers;
- write a curriculum vitae appropriate for job searches;
- create a professional web page;
- make a respectable funding or admissions application.

Grading: The student's grade for the course will be based upon:

- 40%: Research paper;
- 15%: Curriculum vitae;
- 15%: Web Page;
- 15%: Grant or workshop application;
- 15%: Final presentation.

University Attendance Policy: Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

Academic Honor Policy: The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of student's academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to . . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University. (Florida State University Academic Honor Policy, found at <http://academichonor.fsu.edu/policy/policy.html>.)

Americans with Disabilities Act Students with disabilities needing academic accommodation should:

- register with and provide documentation to the Student Disability Resource Center; and
- bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

This syllabus and other class materials are available in alternative format upon request. For more information about services available to FSU students with disabilities, contact the Student Disability Resource Center, sdrc@admin.fsu.edu, web page: <http://www.disabilitycenter.fsu.edu/>.

Syllabus Change Policy Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.