



Course **The Nature of Intellectual Inquiry BIS 3320-001**
Professor Dr. Susan Chizeck
Term Fall 2013
Meetings MW 1:00- 2:15 CB2 1.204

Tentative syllabus 8/9/13 Classroom CB2 1.204

Professor's Contact Information

Office Phone 972-883-2248
Other Phone Monica Boyd, Admin. 4368
Office Location HH 2.808 (rear of Hoblitzelle Hall in IS)
Email Address chizeck@utdallas.edu
Office Hours MWF 2:30-4:30 and by appointment.
Other Information Additional information will be provided on the first day of class and throughout the semester.

General Course Information

Pre-requisites, Co-requisites, & other restrictions No prerequisites but basic composition and statistics will be helpful.

Course Description This course is concerned with the systematic study of science and the academic experience. Science is part of the search for knowledge and each discipline uses data to contribute to the totality of knowledge. BIS 3320 will assist students in understanding the way we know things, how to evaluate knowledge and how to find out things we want to understand. In addition, the class is designed to assist the students in understanding the importance of clear communication, documentation, and the use of detailed information to support arguments (how to communicate to others what we know and want to tell others).

- Learning Outcomes**
1. Students will be able to locate primary sources and evaluate the usefulness of each source based on the criteria discussed in class.
 2. Students will be able to concisely paraphrase the findings of studies and properly document sources according to the guidelines set forth by the APA manual.
 3. Students will be able to develop a thesis statement and write a paper that discusses the scientific studies that support their claims.
 4. Students will be able to describe the differences and similarities between philosophical ideas and scientific facts and/or theories.

5. Students will understand how different disciplines search for knowledge and how they apply the scientific method to research.

Massimo Pigliucci, NONSENSE ON STILTS: HOW TO TELL SCIENCE FROM BUNK, Chicago, Univ. of Chicago Press, 2010.

David Snowden, AGING WITH GRACE, NY, Bantam Books, 2001.

**Required Texts &
Materials**

Optional: Publication Manual of the American Psychological Association (can be found in reference section of library)
Additional readings are available online.

**Suggested Texts,
Readings, &
Materials**

Assignments & Academic Calendar

[Topics, Reading Assignments, Due Dates, Exam Dates]

Re: Written assignments

The assignments will be explained on the specified day and discussed throughout the semester.

****All** written assignments must be well organized, free of spelling and grammatical errors, double-spaced, and printed in a 12-14 font. Handwritten work will not be accepted. **Do not** e-mail the written assignments to me without permission. Written assignments are turned in to me on paper and also to turnitin.com

Re: Assigned readings

I require that students complete the assigned readings prior to class. Come prepared to discuss the readings.

****This schedule is subject to modification and will change.**

Week 1

Aug 26 intro

Aug 28 discuss assignments, the data paper, topics, scientific method

Week 2

Labor Day

September 4 sci method contd

Reading: Stilts and Aging Chap 1, APA chap 1

Week 3

September 9 scientific method, contd

September 11 library info session - meets in library MC 2.524

Library instruction:

Library Instruction Session with Matt Makowka

****Meet in the library lobby at 1:00pm**

Class will be in MC 2.524 for instruction

Reading: Stilts and Aging Chap 2, APA chap 2

Week 4

September 16 scientific method

proposals due of data paper, peer review: 1-2 page proposal

September 18 scientific method

Reading stilts and aging Chap 3, APA chap 3

Week 5

Sept 23 ? lecture on Logic Dr William Pervin, ECS

Sept 25 possible guest speaker or video or continuation

Readings Stilts and aging Chap 4, APA chap 4

Week 6

September 30 scientific method and Thomas Kuhn

**Draft papers, bibliographies: 3-6 page plus annotated bibliography
we will do peer review in class**

October 2 snowdon - aging chaps 1-4

Reading stilts and aging Chap 5, APA chap 6

Presentations begin: see timeline for more specifics on chapters

Week 7

October 7 finish Aging 1-4 and begin Stilts Chap 1: hard and soft science

October 9 midterm data papers due ~8 pages + bibliography

Reading; stilts and aging Chap 6,

Midterm papers are due

Turn in the original proposal, the

revised proposal, and the annotated bib along with your midterm paper (in a two-pocket folder). Remember to submit your paper to turnitin.com.

Week 8

October 14 discuss final papers, proving your point

quiz #1 on scientific method and snowdon chaps 1-4

October 16

Readings stilts and aging chap 7

October 18 midterm grades are due

Week 9

October 21 readings

October 23 proposals due for final papers 1-2 pages

W *Proposals are due. We will do peer review in class.

Readings stilts and aging chap 8

Week 10

October 29 Milgram and Stanford Prison

October 31 Stanford Prison

Readings stilts and aging chap 9

Reading: "The Perils of Obedience"

<http://www.remus.rutgers.edu/~rhoads/PerilsofObedience.html>

Reading: The Stanford Prison Experiment

<http://www.prisonexp.org>

additional materials on e-learning and you-tube

Week 11

November 4 readings

November 6 readings,

Readings stilts and aging chap 10

Week 12

November 12 readings

Draft papers 3-6 pages & bibliographies
Peer review in class

November 13 quiz #2 snowdon chap 5-8 readings
Readings stilts and aging chap 11

Catch up on presentations

Fall break and Thanksgiving Nov 19-24

Week 13

November 18 readings
November 20

final paper drafts and peer review

Readings stilts and aging chap 12

Fall break and Thanksgiving Nov 25-30

Week 14

December 2 readings
December 4 readings

Week 15

December 9
Take home quiz #3 Snowdon Chap 9-12

December 11 finish presentations

final papers due December 13

Grades due Dec 21, turned in on Friday December 20

Assignment summary of due dates:

Midterm paper: proposal September 16, draft September 30, paper
October 9

Final paper: proposal October 23, draft November 11, paper December
13

Quizzes: October 14, November 13, December 9

Final papers are due in my office before 4:00 pm. Turn in the original proposal, the revised proposal, and the annotated bib along with your final paper (in a two-pocket folder). Remember to submit your paper to turnitin.com.

Course Policies

Grading (credit) Criteria	<p>This course requires two 8 page papers with revisions as the major portion of your grade.</p> <p>The process includes a proposal (3 points), draft (10 points) and midterm and final papers (30 points each).</p> <p>Pop quizzes and in class activities and discussion (25 points)</p> <p>Class Attendance (10 points) Woody Allen once said “85% of life is just showing up” and here you get points for that.</p> <p>These are approximate points and various other class activities may be added.</p> <p>Proper citation of sources is expected. All papers must be submitted to Turnitin.com</p> <p>BIS 3320 #6547653 PW: naturedudes</p>
Make-up Exams	In-class work cannot be made up. Pop quizzes may be made up at my discretion.
Extra Credit	Optional current event analysis and critical decision papers can be done.
Late Work	Late work will receive a point deduction.
Special Assignments	
Class Attendance	Remember that attendance, class participation, and classroom citizenship (see section below) adds to your course grade.

	<p>Class participation means arriving on time, contributing to discussions (including the submission of discussion questions), active listening, and peer editing. Bring your textbooks, notebook paper, and a pen to each class session.</p> <p>*If you are unable to attend class, you are responsible for obtaining the lecture notes from another class member.</p> <p>*Attendance will be taken during each class session. Missing class will have an adverse effect on your final grade.</p>
Classroom Citizenship	<p>Technology Policy: Cell phones must be silenced during class. I do not want to see them or hear them (absolutely no texting). Please, no laptops or ear devices. Violation of this policy will affect your grade.</p> <p>Classroom Conduct: I expect students to be attentive during class. Please, no eating or sleeping! Additionally, reading newspapers, magazines, or studying for another class will not be tolerated. During discussions, I expect students to be respectful of the views of others. No name-calling, swearing, or racist/sexist/homophobic statements. Common courtesy is appreciated. Also, if you are having a problem with another student, please discuss it with me.</p> <p><i>These descriptions and timelines are subject to change at the discretion of the Professor.</i></p> <p>For additional syllabi policies: http://go.utdallas.edu/syllabus-policies</p>

Full description of assignments is found in the Assignments handout and on e-learning Assignments:

Midterm paper: data driven

Final Paper: persuasive research paper

Presentation on a chapter of Stilts or Aging

Current topic papers and critical decision analysis papers optional