

## Spring 2009: Advanced Topics in Cognitive Science (01:185:411)

**Lecture Time and Location:** Tuesdays 10:20 am-12:20 pm - ARC 206

**Recitation Time and Location:** Thurs: 10:20 am-11:20 am – Psych. Annex, Playroom, A139

**Web-site:** <https://sakai.rutgers.edu/portal>

**Faculty Organizer:** Rochel Gelman

**E-mail:** [rgelman@ruccs.rutgers.edu](mailto:rgelman@ruccs.rutgers.edu)

**Office hours:** Tuesdays 3-5 pm & appointment (use email to arrange)

**Location:** Busch Psychology Annex, Room A137

**Phone:** (732) 445- 6451

**Recitation Leader:** Sarah Murray

**E-mail:** [semurray@rutgers.edu](mailto:semurray@rutgers.edu)

**Location:** Busch Psych Annex, A106

**Office hours:** Thurs: 11:20-12:20

**Phone:** (732) 445-0009

**READINGS: Original papers by speakers – posted on Sakai in resource section**

### **COURSE REQUIREMENTS:**

#### **1. POST A COMMENT OR QUESTION EACH WEEK ABOUT THE READINGS AND/OR LECTURE. (DUE BEFORE RECITATION)**

You will be hearing lectures by a number of cognitive scientists at Rutgers. Their lectures will be paired with one or two papers that each person wrote. It is a good idea to read their papers in advance or at least skim. This is due before the recitation section that follows the Tuesday lecture. Everyone is encouraged to develop answers to the posted questions.

#### **2. ONE SHORT CRITICAL/ANALYTIC ESSAY. (DUE BY MARCH 3rd)**

For the essay, choose any topic that has been covered in the lectures and/or readings. The essay should be no more than 1500 words long. What matters is the clarity and trenchance of the analysis, not how long it is. The essay is to be submitted no later than March 3rd via Sakai's drop box feature. Late posting will be docked half a grade for each day of tardiness.

#### **3. A LITERATURE REVIEW RESEARCH PAPER or PROPOSAL FOR AN EXPERIMENT. (DRAFT DUE BY APRIL 7th – FINAL VERSION DUE MAY 4th)**

A 10-15 page integrative review of a reasonable selection (5-20) of research reports on a highly focused topic of your choosing. Your review may or may not lead you to propose and experiment. You are to choose a topic in consultation with the Course Organizer and Recitation Leader by the end of February 26th. Submit a draft of your paper by April 7th, so that we can critique it and get it back to you for revision by April 21st.

The final (revised) draft is due on May 4 via Sakai's drop box feature. Your grade on this paper will be based only on the final draft. The following link is a very useful guide to writing an effective literature review: [http://ruccs.rutgers.edu/~karin/Cogsci\\_Litreview.pdf](http://ruccs.rutgers.edu/~karin/Cogsci_Litreview.pdf)

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### 4. GRADING

30% Participation (weekly postings and recitation participation)

25% Short Essay

5% Final paper draft submission

40% Final paper

### 5. ATTENDANCE

Grade deduction will occur if more than 2 classes and/or recitation sessions.

**6. ETHICS.** Let's talk about plagiarism. Do not do it. Risks are very high.

**7. Electronic devices in class. NO CELL PHONES.**

SPRING 2009	01:185:411	ADVANCED TOPICS IN COGNITIVE SCIENCE
DATE	FACULTY	TOPIC and READING ASSIGNMENT
Jan 20	Gelman & Murray	INTRODUCTION
Jan 27	Gallistel	READING ON SAKAI (RESOURCE TAB)
Feb 3	Stanley	NO READING
Feb 10	Baker	READING ON SAKAI (RESOURCE TAB)
Feb 17	Karen	READING ON SAKAI (RESOURCE TAB)
Feb 24	Singh	READINGS ON SAKAI (RESOURCE TAB)
Mar 3	Leslie	READING ON SAKAI (RESOURCE TAB)
Mar 3		<b>SHORT PAPER DUE</b>
Mar 10	Littman	<b>READING ON SAKAI (RESOURCE TAB)</b>
<b>March 17</b>	<b>Spring Break</b>	<b>NO CLASS</b>
<b>Mar 24*</b>	<b>Stone</b>	READINGS LINKS ON SAKAI (RESOURCE TAB)
<b>Mar 31*</b>	<b>De Carlo</b>	READINGS LINKS ON SAKAI (RESOURCE TAB)
Apr 7	Paul deLacy	READING ON SAKAI (RESOURCE TAB)
Apr 7		<b>DRAFT OF FINAL PAPER DUE</b>
Apr 14	Feldman	
Apr 21	Gelman	
<b>April 28</b>	<b>Last Class</b>	<b>BRIEF PRESENTATION ON STUDENT PAPERS</b>
<b>May 4</b>	<b>No Class</b>	<b>FINAL PAPER DUE</b>

**\*Updated 2/20/09**