SYLLABUS

Course: Psychology 3500 (30079)  
Title: Cognition  
Instructor: Doug R. Richards, Ph.D.

Year: Spring 2017  
Room: Social Science 323  
Times: T H 10:30 am – 11:45 am  
Office Hour: T 11:45 am – 12:45 pm

Required Text: Cognition: Exploring the Science of the Mind 6th edition (5th edition is fine); Daniel Reisberg

Course Learning Goals/Outcomes

Students should develop a comprehensive knowledge of the basic theories, concepts and applications of cognition as measured by two mid-term examinations and a final examination.

Students should be able to critically evaluate, articulate and respond to theories and concepts of cognition by giving an oral presentation on a topic in cognition.

Class Schedule

<table>
<thead>
<tr>
<th>Class Date</th>
<th>Chapter Title/Topic</th>
<th>Reading/Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 10th, Jan 12th</td>
<td>History of Human Cognition; the Science of the Mind</td>
<td>Chapter 1</td>
</tr>
<tr>
<td>Jan 17th, 19th</td>
<td>Functional Neuroimaging &amp; the Neural Basis for Cognition</td>
<td>Chapter 2</td>
</tr>
<tr>
<td>Jan 24th, 26th</td>
<td>Visual Perception &amp; Object Recognition</td>
<td>Chapters 3 &amp; 4</td>
</tr>
<tr>
<td>Jan 31st, Feb 2nd</td>
<td>Attention</td>
<td>Chapter 5</td>
</tr>
</tbody>
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**FEB 3rd – FEB 6th First Exam in the Testing Centers (Chapters 1-5 using Chi-Tester)**

<table>
<thead>
<tr>
<th>Class Date</th>
<th>Chapter Title/Topic</th>
<th>Reading/Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb 7th, 9th</td>
<td>Memory-Acquisition</td>
<td>Chapter 6</td>
</tr>
<tr>
<td>Feb 14th, 16th</td>
<td>Memory-Retrieval</td>
<td>Chapter 7</td>
</tr>
<tr>
<td>Feb 21st, 23rd</td>
<td>Memory-Complex Events</td>
<td>Chapter 8</td>
</tr>
<tr>
<td>Feb 28th, Mar 2nd</td>
<td>Long-term Memory &amp; Connectionism</td>
<td>Class notes, PPs, 7</td>
</tr>
<tr>
<td>Mar 14th, 16th</td>
<td>Categories &amp; Concepts</td>
<td>Chapter 9</td>
</tr>
</tbody>
</table>

**MAR 17th – MAR 20th Second Exam in the Testing Centers (Chapters 6-9 using Chi-Tester)**

<table>
<thead>
<tr>
<th>Class Date</th>
<th>Chapter Title/Topic</th>
<th>Reading/Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mar 21st, 23rd</td>
<td>Language &amp; Linguistics</td>
<td>Chapter 10</td>
</tr>
<tr>
<td>Mar 28th, 30th</td>
<td>Visual Knowledge</td>
<td>Chapter 11</td>
</tr>
<tr>
<td>Apr 4th, 6th</td>
<td>Judgment &amp; Reasoning</td>
<td>Chapter 12</td>
</tr>
<tr>
<td>Apr 11th, 13th</td>
<td>Problem Solving</td>
<td>Chapter 14</td>
</tr>
<tr>
<td>Apr 18th, 20th</td>
<td>Consciousness</td>
<td>Quest Consciousness</td>
</tr>
</tbody>
</table>

The article “The Quest for Consciousness” will be available through Canvas

**APR 25th - 27th FINAL EXAMINATION** (Chapters 10-12,14; article) at Testing Centers
Examinations: This course will consist of three examinations (including the Final examination). The tests will all be of the same format and will come from lecture material, student presentations and material covered in the text. A study guide will be provided to help focus your study in preparation for the exam (but it does not cover all questions). An exam will consist of 50 multiple-choice questions (100 points). As you can see from the schedule, the final examination will not be comprehensive (on purpose anyway, sometimes material tends to build on itself).

Attendance: Attendance is required for all classes except in case of emergency.

In Class Assignments: This course will also have random in class assignments which will be worth 3 points each (minimum of 7, maximum of 14). These assignments cannot be made up.

Presentations: You will be required to make one presentation to the class on a relevant topic (100 pts). One of the most effective ways to learn something is to teach it to someone else. The presentation will be individual (minimum 15 minutes; maximum 30 minutes). I will hand out a sign-up sheet the first two days of class where you can sign up for a day. If possible, sign up on a day that has a subject that you are interested in. Be specific with your subject. For example, if you sign up for the day talking about concepts and categories, choose a topic such as prototypes or computer modeling of exemplars etc. It doesn’t need to be in the chapter but should at least be related to the chapter that we are discussing that day. I will subtract points if the presentation merely summarizes the chapter that we are discussing. In fact, please avoid repeating material in the chapter.

Please let me know ahead of time (e-mail would be the best way but texting is also fine) your specific subject so I can limit talking about it in my lecture/discussion. You may choose to do a PowerPoint presentation. If you choose that type of presentation, please e-mail me the PowerPoint so I can put it on Canvas and finish your grade for the presentation. Please prepare a handout (one page is the recommended length) to go with the presentation. Feel free to use other forms of presentation and/or class activities and/or class discussion. Be creative, don’t hesitate to use personal experience as well. I may derive some questions for the tests from your presentations. If you have any questions, please feel free to ask me beforehand.

I will grade the presentations as follows:

- Organization (coherent, ideas flow well) 20 pts.
- Knowledge of the subject 15 pts.
- Specific topic chosen 5 pts.
- Scientific/Psychological Studies Results 20 pts.
- Handout 10 pts.
- Within minimum/maximum time limits 5 pts.
- Creativity 15 pts.
- Generates discussion 10 pts.
- Simply summarizes entire chapter -5 pts.
Grading: The strictest performance standards that I will use (may be modified down according to class performance)
A  = 94-100%
A- = 90-93%
B+ = 87-89%
B  = 83-86%
B- = 80-82%
C+ = 77-79%
C  = 73-76%
C- = 70-72%
D+ = 67-69%
D  = 63-66%
D- = 60-62%
F (or E) = below 60%

Point Totals:
First Exam (FEB 3rd – FEB 6th) 100 points
Second Exam: (MAR 17th – MAR 20th) 100 points
Final Exam: (APR 25th - 27th) 100 points
Presentation (varies) 100 points
In-Class Assignments 21 - 42 points

Total points possible 421 - 442 points

Power-point presentations and study guides will be made available on Canvas under Files.

Disclaimer: I reserve the right to make changes in a) course schedule, b) course requirements, c) course grading procedures, and/or d) any other aspects of the course at any time. Any alterations will be circumspect and will be made in the best interests of the students, the course, and the instructor.

Academic Honesty: as members of the Weber State University academic community, students shall:

1. Maintain academic standards including institutional, school, departmental, program, and individual course standards;

2. Maintain academic ethics and honesty. To this end, the following activities are specifically prohibited:

   a. Cheating, which includes but is not limited to:

   i) Copying from another student's test;

   ii) Using materials during a test not authorized by the person giving the test;

   iii) Collaborating with any other person during a test without authorization;
iv) Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test without authorization of the appropriate University official

v) Bribing any other person to obtain any test;

vi) Soliciting or receiving unauthorized information about any test;

vii) Substituting for another student or permitting any other person to substitute for oneself to take a test.

b. Plagiarism, which is the unacknowledged (uncited) use of any other person’s or group’s ideas or work. This includes purchased or borrowed papers;

c. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;

d. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;

e. Giving, selling, or receiving unauthorized course or test information;

f. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;

g. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.

Cheating infractions:

1. The first infraction shall result in a score of 0 (zero) points for the particular test, paper, presentation, activity etc.
2. The second infraction shall result in a failing grade (E) for the course.

Disability Accommodation:

Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in Room 181 of the Student Services Center (or Room 221 at the Davis Campus). SSD can also arrange to provide course materials (including this syllabus) in alternative formats upon request. Please refer to SSD's website for more information: http://weber.edu/ssd

Emergency Closure Statement:

Emergency Closure: If for any reason the university is forced to close for an extended period of time, we will conduct our class via Canvas. Code Purple is a good way to be alerted to campus closures, and you are encouraged to sign up for it.