

Syllabus

830:303 Memory Fall 2010

Instructor: Arnold Glass, Office hours by appointment, 120 Psychology Building, Busch; aglass@rutgers.edu

Teaching Assistant: Jennifer Czerniawski jenczern@rci.rutgers.edu

Time and Location: T,Th 01: 3:20 - 4:40 SEC 111 02: 5:00-6:20 SEC 118

Book and Clicker: You can buy the book and clicker at the RU book store or New Jersey Books or online. There should be books and clickers floating around from previous semesters. But you use an old clicker at your own risk! The book is Cognition by Arnold Glass. The only clickers that work in this course are Turning Point clickers.

As soon as you buy your clicker, you should log onto the course web site on Sakai and take the Clicker ID quiz. Enter your clicker ID in answer to the one question. Your clicker ID is the hexadecimal number on the back of the clicker below the bar code. It is six characters and may be either all numbers or a combination of numbers and letters.

You are responsible for bringing your clicker to all classes and to the final exam. If you do not purchase a new clicker then you should set the channel by pressing GO 4 1 GO. When you click GO the first time, the clicker should start blinking red -green. When you click 4 1 and then Go the second time, the clicker should turn yellow, then green, and then go off. If you only use the clicker in this class then you never have to set the channel again. But if you use the clicker in a different class that uses a different channel then you will have to reset the channel every time that you come to class.

When you use the clicker to answer a question, its response light should turn green, to indicate that your response was recorded. If this is not happening then your clicker is not working.

After every class, clicker grades will be posted on the Sakai course site. It is your responsibility to check the gradebook to make sure that your clicker responses were recorded.

If your clicker does not work, there is nothing that I can do about it. The most common cause of clicker failure is battery failure. It is your responsibility to obtain a new battery or a new clicker.

Class Preparation: Two days before each class or exam, a quiz will be available at Tests & Quizzes.

In order to benefit from the class structure, you should perform the following assignments in the following order:

First, you should do the assigned reading. Most of the readings are in the textbook, but there are additional readings posted on the Resources page and listed in the syllabus. Especially for the second and third lectures, these are important. Resource readings are designated with an R on the syllabus, in contrast to the textbook readings, which list the chapter.

Second, you should take the timed retrieval quiz. Do not click on it until you are ready to proceed with the entire quiz. **You will only be able to take the timed assessment once.** Hence, once you open it you must answer all of the questions and submit it for grading. Otherwise, you will not receive credit. You cannot begin it, close it, and come back and complete it later.

Third, you should take notice of the feedback for any questions you get wrong. Each question will refer to specific paragraphs in your text. The page and paragraph reference is next to the question number and part of the feedback. For example, 17.3-18.1 means read from the third paragraph on page 17 to the end of the first paragraph on page 18. To find the target paragraphs, begin with the first paragraph on the page, even if it begins on the preceding page. Also, if the target paragraph is the last paragraph on a page, you have to continue to the next page if it is continued there.

Fourth, you should come to class, on time, with a working clicker and the textbook, and answer all the clicker questions.

The information you must learn from this course is encoded in about 120 5-question sets. All five questions in each set are about the same fact-statement. So knowing the answer to one question in the set implies knowing the answer to them all. Let us call five questions in the same set: Q1, Q2, Q3, Q4, and Q5. Q1 will appear on the online quiz before class. Q2 will appear in class and Q3 will appear on an online quiz after class. Q4 will appear on an hourly exam. Q5 may appear on the final. So if you take all the quizzes and participate in all the classes, you should get 90% correct on the exams. If you get 90% correct on the exams then you will get an A in the course.

Students are strongly urged to first read the assignment and then take the quiz, taking notice of the correct answers for those questions gotten wrong. Every practice quiz question is similar or identical to a question that will appear in class and on an exam. Hence, there is no better way of preparing for class and the exams than by doing the reading and taking the practice quizzes.

Each student will receive a quiz grade for each third of the course. If the quiz grade is higher than the class participation grade then it will be averaged with the class participation grade. Otherwise, it will not count. Hence, a quiz grade can raise but cannot lower your class participation grade. There is no way to gain access to or make up a quiz that you miss.

In-Class Reading Assignment: There will be a reading comprehension question at the beginning of every class that will require either the online reading or the the textbook. So you must bring the reading or your textbook to class, or at least bring copies of the relevant pages.

Class Participation: Clicker responders will be used to make class participation possible

despite the large size of the class. Each student will receive a class participation grade for each third of the course. If the class participation grade is higher than the exam grade then it will be averaged with the exam grade for that third of the course. Otherwise, it will not count. Hence, class participation can raise but cannot lower your exam grade. You do not get credit for disrupting class by arriving late or leaving early. **So if you do not respond to the first and last question of a class then you will receive a participation grade of 0 for the entire class. Also, anyone found to have two clickers will receive an F in the course. Also, anyone whose clicker shows up in class without him or her will receive an F in the course. Also, anyone using a camera, camera phone, or any other unauthorized recording device will receive an F in the course.**

Lecture Notes: The Power Point slides used in class are available. on line. Just click on the appropriate links on the syllabus on the Resource page. There may be slight differences in the slides I use in class because I am always updating and revising my notes.

Grades will be posted on the Sakai grade book. You have one week from the day of the exam to challenge the grade on the exam. You may do so by making an appointment to go over your exam in person. If you do not challenge your grade within the week then it will be final and you will have no further opportunity to see or go over your exam.

Exams: There will be 3 exams during the semester and a fourth final exam during the final exam period.

If you miss an exam and your excuse is accepted then your online/clicker score will be used as your exam grade. Make up exams are not given. Be warned that online/clicker scores are usually much lower than what your likely exam score.

If you miss an exam and your excuse is not accepted then you will receive a zero for that exam.

If you are found to have a cell phone or any other communication or recording device, e.g., camera, during an exam then you will receive an F in the course.

If you are found to have in your possession any notes or other unauthorized materials during the exam then you will receive an F in the course.

Exams 1, 2, and 3 are clicker exams. So you must bring your (working) clicker to the exam. I do not have extra clickers to lend.

The final exam will consist of clicker questions similar or identical to the questions on the three clicker exams and an open-book reading comprehension test. So you must bring both your clicker and your textbook to the final exam.

The final exams will be section 01: Thursday December 23 noon section 02: Wednesday December 22 noon.

Attendance and Classroom Decorum: You should not arrive late or leave early. Cell phones should be off. You should dress appropriately and **you should not put your feet on the seat in front of you.**

If you arrive before class begins then **do not** sit in the last two rows.

If you arrive after class begins or plan to leave early then please sit in the last two rows so that you do not disturb your classmates.

Grading: Final grades will be determined by the following point system: 90%-A, 80%-B, 70%-C. Plus grades will be determined by the distribution of scores.

The course consists of three 8-lecture blocks, each ending in a block exam. There are about 120 4-question sets and about 40 question sets are presented in each block. For each block, three grades will be computed: for the online quizzes (q), for the in-class clicker quizzes (c), and for the exam (e). The online and in-class grades will only be based on questions for which a related question appears on the exam.

The three grades for each block will be combined to compute a single adjusted exam grade for each block. The adjusted exam grade (e') for the block will be computed as follows:
set $c' = \max[(q+c)/2, c]$; set $e' = \max[(c'+e)/2, e]$

The three adjusted exam grades, e_1' , e_2' , and e_3' and the final grade (f) will be combined to compute the course grade. The course grade will be computed as follows:
set course grade = $(1/6)*e_1' + (1/6)*e_2' + (1/6)*e_3' + (1/2)*f$

Movie: You are responsible for renting and watching the movie *Memento* before the second exam.

You are responsible for knowing the material on this syllabus. If you email me or ask me a question that is answered on this syllabus then I will answer it, but I will also deduct a point from your final grade.

Syllabus:

Thursday	Sept. 2	Ch. 1	Introduction
Tuesday	Sept. 7	R02.1	Evolution of Learning 1
Thursday	Sept. 9	NO CLASS	Rosh Hashonah
Tuesday	Sept. 14	R02.1 ; Ch. 7, pp. 190	Evolution of Learning 2
Thursday	Sept. 16	Ch 2, pp. 16-18, 32-38	Skill Learning
Tuesday	Sept. 21	R05.1 ; Ch. 7, pp. 175-178	Declarative & Serial

			Learning
Thursday	Sept. 23	Ch. 3, pp. 45-46, pp. 53-68	Visual ID
Tuesday	Sept. 28	Ch. 5, 118 -129	Scene & Word ID
Thursday	Sept. 30	Ch. 5, pp. 131-151	Language Processing
Tuesday	Oct. 5		Exam 1
Thursday	Oct. 7	Ch. 6, pp. 153-161	Infant Learning
Tuesday	Oct. 12	Ch. 6, pp. 161-174	Language Learning
Thursday	Oct. 14	Ch. 8, pp. 199-209; Ch. 12, pp. 318 -319	Savant Learning & Categorization
Tuesday	Oct. 19	Ch. 7, pp. 180 -185	Rehearsal
Thursday	Oct. 21	Ch. 7, pp. 186-188	Elaboration
Tuesday	Oct. 26	Ch. 7, pp. 179-180, Ch. 8, 209-217	Mnemonics
Thursday	Oct. 28	Ch. 7, pp. 191-197	Medial Temporal Amnesia
Tuesday	Nov. 2	Ch. 7, pp. 191-197	Cortical & Frontal Amnesia
Thursday	Nov. 4		Exam 2
Tuesday	Nov. 9	Ch. 9, pp. 225-228	Short-term
Thursday	Nov. 11	Ch. 9, pp. 219-225, 228-235	Recognition Judgment
Tuesday	Nov. 16	Ch. 9, pp. 222-224, 232-233	Recognition Abilities
Thursday	Nov. 18	Ch. 9, pp. 235-252	Recall
Tuesday	Nov. 23	Ch. 10, p. 253-267	Autobiographical Memory
Tuesday	Nov. 30	Ch. 10, p. 253-267	Long-term Retention
Thursday	Dec. 2	Ch. 10, p. 267	False Memories
Tuesday	Dec. 7	Ch. 10, pp. 268-272	Retrograde Amnesia
Thursday	Dec. 9		Exam 3