

Syllabus

830:303:01 Memory Summer 2010

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

Time and Location: M,W 6:00-10:00

Book and Clicker: The only clickers that work in this course are Turning Point clickers. You can buy the clicker at New Jersey Books or online. There should be clickers floating around from previous semesters. But you use an old clicker at your own risk! No book is required. However, Cognition by Arnold Glass will be very useful and is available from New Jersey books and elsewhere.

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 the first time you bring your clicker to class you must set the channel by pressing GO 4 1 GO. When you click GO the first time, the clicker should start blinking red -green. When 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, 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 the Cognition 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 answer all the clicker questions.

The information you must learn from this course is encoded in about 120 4-question sets. All four 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 four questions in the same set: Q1, Q2, Q3, and Q4. 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 exam. So if you take all the quizzes and participate in all the classes, you should get 90% correct on the exam. If you get 90% correct on the exam 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.

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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.

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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 final exam of about 60 questions during the final class.

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.

The final exam will consist of clicker questions similar or identical to the questions presented throughout the course.

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.

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:

Wednesday June. 2 Ch. 1

Introduction <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/01_Intro.ppt>

R02 <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/Evolution%20of%20Learning%20_%20Memory.doc>

Evolution of Learning 1

<https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/02.1_Operant%20Conditioning.ppt>

R02 <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/Evolution%20of%20Learning%20_%20Memory.doc>;

Ch. 7, pp. 190

Evolution of Learning 2

<https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/10.1_Serial%20Learning.ppt>

Monday June 7

Ch 2, pp. 16-18, 32-38

Skill Learning <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/02_MotorSystem.ppt>

R03 <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/12_Serial%20Learning.doc>;

Ch. 7, pp. 175-178

Declarative & Serial Learning

<https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/03_SkillLearning.ppt>

Wednesday, June 9 Ch. 3, pp. 45-46, pp. 53-68

Visual ID <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/04_Visual%20Recognition%20-%20Agnosia.ppt>

Ch. 5, 118 -129

Scene & Word ID <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/05.3_Semantic%20Priming.ppt>

Monday June 14

Ch. 5, pp. 131-151

Language Processing

<https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/06_Language%20Origin.ppt>

Wednesday June 16

Ch. 6, pp. 153-161

Infant Learning <<https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/Temp.ppt>>

Ch. 6, pp. 161-174

Language Learning <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/09B_LanguageLearning.ppt>

Monday, June 21

Ch. 8, pp. 199-209; Ch. 12, pp. 318 -319

Savant Learning <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/10_Savant%20Learning.ppt> & Categorization

Ch. 7, pp. 180 -185

Rehearsal <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/12_Rehearsal.ppt>

Wednesday, June 23

Ch. 7, pp. 186-188

Elaboration <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/10_Savant%20Learning.ppt>

Ch. 7, pp. 179-180, Ch. 8, 209-217

Mnemonics <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/14_Mnemonics-1.ppt>

Monday, June 28

Ch. 7, pp. 191-197

Medial Temporal Amnesia <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/15_Anterograde.ppt>

Ch. 7, pp. 191-197

Cortical & Frontal Amnesia <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/16_Anterograde.ppt>

Wednesday, June 30

Ch. 9, pp. 225-228

Short-term <https://sakai.rutgers.edu/access/content/group/3be3576e-3a68-4a35-9e6e-4b0b3db468ca/17_Short-term%20Retrieval-1.ppt>,

Ch. 9, pp. 219-225, 228-235

Recognition 1, <https://sakai.rutgers.edu/access/content/group/3be3576e-3a68-4a35-9e6e-4b0b3db468ca/18_RecognitionJudgments-1.ppt>

Recognition 2 <https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/19_Recognition%20Abilities.ppt>

Monday, July 5

Ch. 9, pp. 235-252

Recall https://sakai.rutgers.edu/access/content/group/3be3576e-3a68-4a35-9e6e-4b0b3db468ca/20_Recall.ppt>

https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/19_Recognition%20Abilities.ppt>

Wednesday, July 7

Ch. 9, pp. 235-252

Recall https://sakai.rutgers.edu/access/content/group/3be3576e-3a68-4a35-9e6e-4b0b3db468ca/20_Recall.ppt>

Reich <http://slate.msn.com/?id=2447>>.

Ch. 10, p. 253-267

Autobio 1 https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/21_Autobiographical%20Memory.ppt>.

Autobio 2 https://sakai.rutgers.edu/access/content/group/a945ae0c-1d10-4b83-b4d7-6a01c603f008/22_Long-term%20Autobiographical%20Retention.ppt>

Monday, July 12

Ch. 10, p. 267

False Memories https://sakai.rutgers.edu/access/content/group/3be3576e-3a68-4a35-9e6e-4b0b3db468ca/23_FalseMemories.ppt>

Ch. 10, pp. 268-272

Retrograde Amnesia https://sakai.rutgers.edu/access/content/group/3be3576e-3a68-4a35-9e6e-4b0b3db468ca/24_Retrograde.ppt>

Learning Goals

1. Student will learn to show up on time and stay until the end of the class.
2. Student will learn not to put feet on furniture.
3. Student will learn to remain silent during class.
4. Student will learn how to use a row letter and seat number to find a seat during an exam.
5. Student will understand over 100 facts about how people learn and remember and will be able to apply those facts to examples to which they are relevant.

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