

830:305:B7 Cognition Summer 2012

Instructor: Arnold Glass, Office hours by appointment, 120 Psychology Building, Busch;
aglass@rutgers.edu, nehasinha132@gmail.com

Time and Location: Tuesday SEC 207, Thursday online 6:00 - 9:40 PM

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 go to the Clicker Id and Demographic Survey tab. First take the Demographic survey, if you have not already done so, and then 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.

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 grade book to make sure that your clicker responses were recorded.

If your clicker does not work, there is nothing that we 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: Before each class, one or more quizzes will be available. To access them you should click on the tab for the corresponding lecture.

In order to fully benefit from them, you should perform the following assignments in the following order:

First, you should do the assigned readings in the syllabus for each of the quizzes that have become available and before you take that quiz. Most of the readings are in the textbook, but there are additional readings posted on the Resources page and listed in the syllabus for the first and second classes. 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 associated with each reading assignment as soon as you have read it. 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.

The information you must learn from this course is encoded in about 150 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 five questions in the same set: Q1, Q2, Q3, Q4, and Q5. Q1 will appear on the online quiz before class. Q2 will appear during either an online or campus class. Q3 may appear online between the class and an exam. If you take all the quizzes, participate in all the classes, and attend to the feedback then 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 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 quizzes.

Also, the Power Point slides used in the online and on campus classes are available on the Resource page. Just click on the appropriate links on the Resource page.

Class Participation: For a class on campus, you should come to class, on time, with a working clicker, and answer all the clicker questions. For a class online, you should log on at the start of class, 6 PM. Online, you will be able to go through all the Power Point slides accompanied by an audio lecture. You will answer all the questions that you would have seen if the class had been held on campus. You will only have a brief period of time to answer each question, so be prepared! You should begin the online lesson promptly at 6 PM. Any questions you have you can post in the chat room or email to the instructor.

Class Participation Grade: Each student will receive a class participation grade for the course, which will be the percent correct for all online and clicker questions prior to the online final exam during the last class period. If the class participation grade is higher than the final exam grade then it will be averaged with the final exam grade to determine the final grade for the course. Otherwise, it will not count. Hence, your class participation grade can raise but cannot lower your grade in the course. There is no way to gain access to or make up a quiz that you miss.

Clicker responders will be used to make on campus class participation possible.

You do not get credit for disrupting an on campus class by arriving late or leaving early. So if you do not respond to the first or last question of an on campus class then you will not receive credit for any responses during that 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.

Grades will be posted on the Sakai grade book.

Exams: There will be 2 exams during the course. Each exam will cover half the material in the course. Exam 1 will be an on-campus clicker exam at the beginning of class Tuesday June 19. So you must bring your (working) clicker to the exam. I do not have extra clickers to lend. Exam 1 will be presented at beginning of class on Tuesday July 19. It will cover the material on the first six lectures. It will be a multiple-choice exam. Exam 2 will be online and will be available on Thursday July 5 at 7:00pm till Thursday July 5, 10:00pm. It will cover the final six lectures including material presented online that day from 6:00pm to 7:00pm. It will be a multiple-choice exam.

Make up exams are not given.

If you miss an exam 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.

All of the exam questions will be similar or identical to the questions answered earlier in the course. Each question is presented once for a brief period.

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.

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.

Extra Credit: You can gain 10 extra credit points by participating in an experiment. This will require you to stay after class on Tuesday June 5th and then again a week later on Tuesday June 12th. On the first day (June 5th), you will be asked to read a set of passages and will then be given multiple choice questions based on these passages. These multiple choice questions will be

administered using Turning technologies. The questions will be presented on a powerpoint slide and you can record your responses by using clickers. A week later, on June 12th, you will be given two exams. The first exam will consist of short answer recall questions and the second exam will consist of multiple choice questions.

Syllabus:

Tuesday In-Class - May 29

Ch. 1 Evolution of Learning

Ch. 2, pp 16 - 18

Ch. 7, pp. 175-178, 190

01. Evolution of Cognition

Thursday Online - May 31

Ch. 2

Ch. 12, pp. 318 -319

02. Action

Tuesday In-Class - June 5

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

Ch. 12, pp. 318 -319

03. Skill Learning

Thursday Online - June 7

Ch. 3

04. Visual Perception

Tuesday In-Class - June 12

Ch. 4

05. Attention

Thursday Online - June 14

Ch. 5

06. Semantic Memory

Tuesday In-Class - June 19

Ch. 6

Exam 1

07. Infant Learning

Thursday Online - June 21

Ch. 7, pp. 175 - 190

Ch. 8, pp. 209-217

08.1 Intentional Learning

Tuesday In-Class - June 26

Ch. 7, pp. 191 - 198

Ch. 8, pp. 199-209

08.2 Anterograde Amnesia

09. Categorization & Causal Learning

Thursday Online - June 28

Ch. 9

10. Recognition & Recall

Tuesday In-Class - July 3

Ch. 10

11. Autobiographical Memory

Thursday Online - July 5

Ch. 11, 12

12. Reasoning, Problem Solving & Intelligence

Final Exam