

Course Structure: In an effort to reflect best practices in current economic education literature, we are going to dedicate a *majority of class time to small group active-learning activities* (e.g. problem-solving, discussion, article analysis, etc.) and *less time to lecturing*. However, the important concepts will be provided to you via online video lectures. This approach puts you in control of your learning and the instructor and TA's roles are to act as facilitators. If you wish, think of us as your coaches. Under this approach a concept is introduced to you via the pre-assigned reading/video and during class you practice that concept. It is the job of the instructor and TAs to watch you practice and make any necessary adjustments.

Why is this approach better than the traditional, lecture-centered class? Under the lecture approach, we try to pour knowledge into your head and then we expect you to reproduce that knowledge on an exam. It's like showing you how to run a play - without watching you run it - and then expecting you to execute it on game day. Under the approach used in this class, you will get to run the play under the careful observation of your instructor, TA, and/or peers. You are introduced to a concept via the reading/video and then by doing the in-class exercises that I have carefully designed for you, you will develop and process knowledge on your own. I will not be solving the problems for you on an exam, so it makes sense for you to get a lot of practice solving problems on your own.

During class, I will encourage you to work on the activities in small groups. Why work in groups? There are over 300 of you and only 6 of us. We will not be able to observe every student do every question, so you are encouraged to act as peer instructors to each other. Since there is greater wisdom in numbers, collectively you should be able to work through the problems successfully, while simultaneously learning the material. I realize that some of you may not like working in groups, but the problem with working alone is how do you know if you are "executing the play" (i.e. approaching the answer) correctly? Working with your peers is one way to solve that. For those of you who feel you are smarter than your peers, you can improve your understanding and application of the concepts by explaining the course concepts to your peers. Evidence shows that one of the best ways to learn something is to teach it. Finally, for those of you that hate group work because you can't stand working with free-riders ... don't worry. Free-riders will find it very difficult to succeed in this type of learning environment. They will quickly learn that it is important to come prepared to class if they want to earn a good grade in the course.

Research shows that under this approach student scores are higher and that students retain the material longer. However, in order to be successful, it is important that you come to each class prepared. If you are not prepared for each class, then you will probably not do well in this course. You can prepare for class by following these steps (a more precise outline is provided in Sakai for each lecture):

1. Print the lecture outline.
2. Read the assigned section of the book and watch the online video(s). Some of you may not need to do both. As you are reading/watching the video, use the lecture outline to take notes.
3. Do a non-graded, self-assessment by solving the recommended problems from the end of the chapter. Only look at the solutions after you have tried the problem. These problems can be classified as lower-order thinking problems. The difficulty expressed in these problems is what I expect you to know before you come to class. We will work on more complex problems during class.

We will start each class with a brief quiz that is based on the pre-lecture assignment described above in steps 1-3. The quiz will be conducted using your polling device. I will use the quiz results and your questions to determine how much review if any is needed before we start the class activities. Upon the completion of each chapter, there will be some non-graded problems (with answers) on Sakai that you can use to assess your higher-order thinking skills. Finally, there will be a graded, self-assessment homework on the Sapling Learning website that you will be required to do alone. Working with a peer on the SL homework is a violation of the honor code (see pp. 4-5 of the syllabus).

If you find that you are doing all of the required work and you are still having difficulty with any of the material in this course, then get help immediately. *Do not let it build up*. How can you get help? Visit any of the course instructors (Dr. Balaban or TA's) during their assigned office hours; form a study group; go to peer tutoring (<http://learningcenter.unc.edu/find-a-tutor/>); and/or hire a tutor (information available in GA 107). Finally, maybe you aren't studying correctly. In that case, there are a series of study skills videos on Sakai entitled "How to Get the Most out of Studying" that provide some highly recommended suggestions.

Course Requirements: This course is rigorous and demanding. You are expected to work hard, actively participate, ask questions when you have any doubts, and perform to the very best of your ability. Still, the purpose of this course is to teach you something about economics, not to destroy your GPA. Evaluation for this course will be based upon two mid-term exams (22.5% each), a cumulative final exam (35%), in-class polls (8%), and “other graded activities” (12%).

“Other graded activities” include your scores on 5 writing assignments and the Sapling Learning (SL) problem sets. A problem set will be assigned for each chapter covered and I expect to cover 20 chapters this semester. You will have at least 3 days to complete each SL problem set and **all SL problem sets must be completed on time**. I will, however, drop your lowest score which means that you can miss one SL assignment without penalty, regardless of your excuse. The SL problem sets and the writing assignments (i.e. 24 total assignments) will be averaged together to generate your “other graded activities” grade. SL problem sets will be due generally every Sunday and Wednesday night by 11:55pm. The assignments vary in length and must be completed on time. Late assignments will receive zero credit.

“In-class polls” will be conducted during each lecture by using the response system known as *Poll Everywhere*. Participation requires that you have access to a cell phone texting plan or a device that can logon to the University’s Wi-Fi (e.g. tablet, laptop). Prior to our first poll you must register your device with Poll Everywhere (PE). Registration instructions and other FAQ can be found by following this link: <http://help.unc.edu/help/poll-everywhere-faq/>. **If you do not register properly, then your polls will not be counted.** Please verify that you have registered correctly (see the PE FAQ for more info). If you have not used PE in a course since Fall 2012, then you will need to edit your registration information. An explanation of how the polls will be graded can be found on p. 7 of the syllabus. Note: these questions are to be done in class, you will receive a zero on this portion of your final grade if you are found to be answering questions from a distant location.

Exam Format: There will be two mid-term exams given during the semester (**September 27th** and **November 3rd**) and a cumulative final exam (**December 9th @ 12pm**). Each exam will cover material presented in class and during your recitation, readings and videos scheduled outside of class, SL assignments, and suggested problems from the textbook. The exam format will be provided in the class prior to a given exam. You should bring a #2 pencil, your UNC ID, and a basic calculator with you to each exam. Students that arrive more than 15 minutes late for an exam will not be permitted to take the exam. A 1.5 hour review session will be held one evening during the week of the exam. I will consult with the TA’s, and, based on their feedback, determine what material needs to be covered during the review session. The time and location of these meetings will appear in Sakai.

Recitation Information: Students in ECON 101-006 must be enrolled in a recitation designated Section 6XX. Recitation presents an opportunity for you to put in more practice time and review any concepts that are unclear. Generally, I will have a few problems or an activity for you to do during your recitation. However, part of each recitation can also be dedicated to addressing any questions you may have from the regularly scheduled class meeting or from the self-assessment materials. Recitation attendance is highly recommended and any material covered during recitation may appear on your exams.

Pre- and Post-Evaluation: Prior to the first class meeting and during the last week of class you will be asked to take a timed evaluation via Sapling Learning. Unlike the SL assignments that you do for homework, these evaluations are timed and you will only get one attempt. You will only have 20 minutes to complete the evaluation once you open the link and all evaluations must be completed on time. Failure to meet the deadline will result in zero credit. You must do the evaluations on your own and the only resource you may use is a basic calculator. These evaluations will be graded for completion and we are using the scores to better understand your starting knowledge for the course.

Weekly Email Survey: We will email you a survey each week as part of a research project on how to improve your learning experience in ECON 101. We gather information from a variety of sources and in the survey we ask you about study habits, expectations, and time commitments. Please answer these surveys carefully and honestly. You should receive the first survey in your UNC email before classes begin.

Once you have completed the first survey, we will email a 5 minute survey to you each **Wednesday at noon** and you will have until **Friday at 11:59pm** to complete it before the link closes. In exchange for your time, we will be randomly rewarding 7 of my students from ECON 101/101H with \$50 Visa gift cards. You will have an additional entry in the drawing for each survey you complete.

The first survey takes no more than 15 minutes to complete and the rest take 5 minutes each to complete.

For anyone worried about survey responses affecting course grades, or my opinion of you, there are many reasons not to worry.

(1) Your answers will be kept confidential. I will not see your responses. TAs will not see your responses. Other students will not see your responses.

(2) Your answers will in no way affect your course grade.

(3) An Economics PhD student I am working with, Zach Mozenter, will be analyzing the data, not me.

(4) Zach will not be analyzing the data until after final grades are finalized.

(5) We are interested in the average trends in the class as a whole, not any one person's responses.

(6) Even if we wanted to look at an individual's responses, we cannot, since we will remove identifying information (such as names or PID) from the data before analysis.

More information about the project will be provided during the first week of class.

**Direct all questions about the surveys to Zach Mozenter. His email is zmozent@live.unc.edu

Regrade Requests: Requests for a regrade must adhere to the following rules:

1. All Regrade Requests must be made within 1 week of the day on which the grade was posted. Unfortunately, due to the size of the class there can be no exceptions to this rule. For instance, if you find that your midterm PE grade is incorrect and notify me 2 weeks after it was posted, no Regrade Requests will be accepted.
2. If you believe a multiple choice question was graded incorrectly, please discuss the question with your TA. Your TA will contact me if a regrade is warranted.
3. If you feel that any written work was graded incorrectly, please fill out the Regrade Request Form found in Sakai. If applicable, staple the Request form to your assignment and hand it in at the start of class. Please note that there is an element of subjectivity in grading written work. If your Regrade Request is of a subjective nature ("I think I deserve 10 points and you only gave me 9"), your Request will likely be rejected.
4. If you submit a Regrade Request, I reserve the right to regrade your entire assignment, which could potentially lower your grade.

If your Regrade Request is rejected and you disagree with the explanation, come see me during my office hours to appeal your Request. Please note the odds are fairly low that I will overturn the original grade, but it is possible if there is a relatively severe misunderstanding.

Grading Scale (as a percentage of total points)

A	= 93-100	C	= 73-76.99
A-	= 90-92.99	C-	= 70-72.99
B+	= 87-89.99	D+	= 67-69.99
B	= 83-86.99	D	= 60-66.99
B-	= 80-82.99	F	< 60
C+	= 77-79.99		

Letter grades are computed from the total points earned during the semester and assigned based on the scale given above. There is no maximum number of A's or B's awarded. Due to the size of the class, this grade scale is firm. In other words, if you earn an 89.99%, you will receive a B+.

Missed Exams: There are no make-up midterm examinations. You are forewarned well in advance to properly schedule your time and make proper arrangements for other potential conflicts. If you must miss a midterm exam, say due to illness, you may be permitted to transfer the missed credit to the final examination. To qualify for a transfer of credit, you must contact me **before** the start of the missed midterm examination and provide me with an acceptable explanation. You are required to support your explanation with documentation within 2 business days of the exam. For example, if you miss an exam on a Thursday, then you will have until Monday to provide your documentation. If the explanation and documentation are approved by Dr. Balaban, then the weight of the midterm will be placed on the final exam.

If you miss both midterm exams, then your final exam will only carry a weight of 70%, i.e. a 10 percentage point penalty applies. If you are unable to attend the final exam, then you will need to provide me with an "Exam Excuse" from the Dean's Office no later than Thursday, December 1st at 12:30pm. The make-up for the final exam will be held at 8am on Saturday, December 17th.

Attendance Policy: Regular attendance is strongly recommended. You are responsible for any announcements that you may have missed if you choose not to attend class or if you cannot attend class. You should get the missed notes/announcements from one of your peers. Discuss any questions you have on the content with a TA during their scheduled office hours. It is expected that you will respect your peers and the instructor with appropriate behavior while in class and that you will arrive to class on time. **Students who are not willing to attend regularly should drop the course.**

In the event that you must miss or anticipate missing at least **2 consecutive classes** because of an **extenuating circumstance**, notify me and the Dean of Students immediately. Upon receipt of notification from the Dean of Students and your return to campus, it is your responsibility to contact me and we will discuss any adjustments to your course grade calculation. Reminder: read the email etiquette section for when you should/should not contact your professor.

Electronic Device Policy: Students may not use laptops, tablets, phones, or similar devices during the lecture, except when doing polls or when I specifically permit it. First, it disrupts your classmates. Second, it interferes with your learning (see <http://www.newyorker.com/tech/elements/the-case-for-banning-laptops-in-the-classroom>). The first time you violate the restriction, you will be warned. For each subsequent time a 5%-point penalty will be applied to your final Poll Everywhere grade. If you are expecting an important phone call (job interview, family illness, etc.), please notify me before class then sit in the back of the room near the exit.

Academic Integrity: All students are expected to adhere to the Honor Code (<http://instrument.unc.edu>). Any violation will result in an **F** for the course, and other sanctions may apply.

- You may use your notes and textbook to complete SL assignments and polls. No other assistance is permitted. If you need a hint or guidance on the SL assignments, then you can consult with me, a TA or a UNC tutor. You may not work on the problems with your classmate(s).
- No assistance is permitted on exams. During the exam, however, feel free to ask me or a TA for clarification. You are permitted to use a basic calculator as described on p. 1 of the syllabus. Consider the use of any other calculator a violation of the honor code.

- You will be permitted to discuss the writing assignments with your classmates, me, and/or the TAs, but each student must submit their own assignment in their own writing.
- I will let you know whether you can consult with a classmate and/or use outside materials when answering an in-class poll.

Calendar and Reading List: Below is a general outline of the topics that will be covered this semester. A detailed outline with a schedule of required readings and assignments can be found in Sakai under the “Lessons” tool. You should always refer to the “Lessons” tool when you are preparing for class.

Dates	Topic	Reading from Cowen & Tabarrok (3 rd edition)
Aug. 23 – Aug. 25	Introduction to ECON 101; The Economic Way of Thinking; Comparative Advantage and Trade	Chapters 1 & 2
Aug. 30 – Sep. 1	Supply and Demand; Market System	Chapters 3 & 4
Sept. 6	Price Elasticities	Chapter 5
Sept. 8 – Sept. 13	Market Outcomes in the Presence of Taxes, Subsidies, and Price Controls	Chapters 6 & 8
Sept. 15 – Sept. 22	Market Outcomes and Policy Suggestions in the Presence of Externalities, Public Goods and Common Resources	Chapters 10 & 19
Sept. 27	Exam #1 (Chapters 1-6, 8, 10, and 19; see exam format on p. 3)	
Sept. 29	Intro to Macroeconomics; Measuring Economic Output	Chapter 26
Oct. 4 – Oct. 11	Economic Growth and Public Policy	Chapters 27 & 28
Oct. 13 – Oct. 18	Savings, Investment, and the Financial System	Chapter 29
Oct. 25	Unemployment	Chapter 30
Oct. 27 – Nov. 1	Inflation and the Quantity Theory of Money	Chapter 31
Nov. 3	Exam #2 (Chapters 26-31; see exam format on p. 3)	
Nov. 8	A Model of the Macroeconomy: Aggregate Demand and Aggregate Supply	Chapter 32
Nov. 10 – Nov. 17	The Federal Reserve System, Monetary Policy and Fiscal Policy	Chapters 34 and 37
Nov. 22 – Nov. 29	Firm Level Decisions under Perfect Competition	Chapter 11
Dec. 1 – Dec. 6	Monopoly: Firm Level Decisions and Policy Suggestions under Imperfect Competition	Chapter 13
Dec. 9 @ 12pm	Cumulative Final Exam (see exam format on p. 3)	

Disclaimer: Although the instructor intends to follow this syllabus as closely as possible, there may be times when deviations from the material presented herein are necessary. Changes will be announced as early as possible so that students can adjust their schedule.

The **EconAid Center** is located in GA009. It will be open from 11:30am to 8pm every weekday and will have occasional weekend hours as well. This is where the TAs will hold office hours during the semester and where I will hold my Tuesday office hours (2:00-3:30pm). While office hours will take priority, this center also offers students a great space to work on their economics coursework individually or in groups. I hope you will make use of this valuable resource!"

Explanation of “In-Class Polls” Grading

Below is an explanation of how the Poll Everywhere questions will be graded. Essentially there will be two types of questions asked: 1) graded questions; and 2) polling questions.

“**Graded questions**” are multiple choice questions where there is only one correct answer. “**Polling questions**” do not have correct answers. Examples include questions like, “What would you be doing – right now – if you weren’t in class?” and “What is the opportunity cost of going to a class that meets at 7pm?”

Grading Procedure:

- I understand that you may not be able to participate in some polls because you missed class, forgot your polling device, and/or had technical difficulty. Missed polls cannot be made-up. This holds regardless of your excuse (e.g. university/athletics commitment, job interview, sickness, technical malfunction, etc.). It’s OK though because only the highest 85% of your polls will be allocated toward your “In-Class Polls” grade. I expect to do at least 100 polls during class this semester. In the event that we do 100 polls, for example, your poll grade will only be based on your highest 85 polls. In other words, you can miss 15 polls without incurring a penalty.
- Possible scores on any given “graded question” include:
 - 100% (you answered the question correctly)
 - 50% (you answered the question incorrectly)
 - 0% (you did not answer the question)
- Possible scores on any given “polling question” include:
 - 100% (you answered the question)
 - 0% (you did not answer the question)

Starting Tuesday, August 30th, all poll responses will be graded according to the procedures outlined in this document.

Registration instructions for Poll Everywhere can be found at <http://help.unc.edu/help/poll-everywhere-faq/>

- ***If you do not register properly, then your polls will not be counted.*** Please verify that you have registered correctly (see the PE FAQ for more info). If you have not used PE in a course since Fall 2012, then you will need to edit your registration information.

Note: these question are to be done in class, you will receive a zero on this portion of your final grade if you are found to be answering questions from a distant location.

Student Access Instructions for Sapling Learning

Follow this link for instructions on how to enroll in our course site on Sapling Learning:

<http://bit.ly/saplinginstructions>

- The keycode for ECON 101-006 is: **101**

Note: Please include your UNC PID in the "ID number" field when you are setting up your profile. If you already have an account but did not include your PID in your profile, you can add it by clicking on "Profile" on the left-hand side of the screen, then click on "Edit profile" then "Show Advanced." Near the bottom of the page enter your UNC PID in the "ID Number" field. Finally, click on "update profile." To get credit for the Sapling Learning homework, you must enter your UNC PID into your Sapling Learning profile.

** eTEXTBOOK: Your course text is also available as a low cost online eTextbook. You can search, highlight, take notes, and each homework question is linked back to the appropriate section in the eTextbook for immediate instructional help. You may purchase the eTextbook in step 5 on the homework payment screen.

Once you have registered and enrolled, you can log in at any time to complete or review your homework assignments. During sign up or throughout the term, if you have any technical problems or grading issues, send an email to support@saplinglearning.com explaining the issue. The Sapling Learning support team is almost always faster and better able to resolve issues than your instructor.