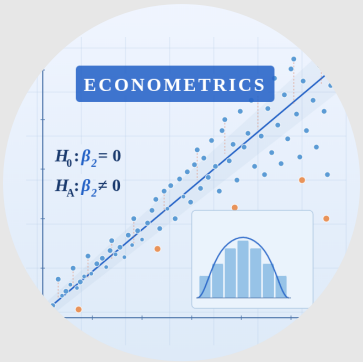

ECO 307

Introduction to Econometrics

Summer 2026

Instructor Info

James M. Murray, PhD

Pronouns: He/Him/His

Professor, Dept of Economics

Office: 2122 Wittich Hall

Personal Academic Website

jmurray@uwlax.edu

Course Info

Online Asynchronous

Jun 22-Jul 17, 2026

Prerequisites: STAT 145 or 245; ENG 110

Centennial 1404

About

This is a hands-on application course on regression analysis and its application to economic and business research. Topics include using secondary data sources, simple and multiple regression, and interpretation and communication of results.

UW-LA CROSSE

Overview

This is a hands-on applications course on regression analysis and its application to economic and business research. Topics include using secondary data sources, simple and multiple regression, and interpretation and communication of results. The course develops various empirical techniques and culminates with a final research paper.

Course Goals

By the end of this course, you should be able to use data to answer real-world questions in a clear and practical way. We will focus on the following goals:

1. Build and interpret basic and advanced regression models to describe relationships between variables using data.
2. Use logical reasoning to predict when statistical estimates are likely to be biased, and apply methods to address common sources of bias.
3. Ask meaningful questions about business, economic, finance, and social issues, then find and prepare real data that can help you answer them.
4. Use regression models to explain factors behind continuous outcomes, such as how much someone earns, how many hours they work, or how much they spend on a particular good or service.
5. Use regression models to explain factors behind yes-or-no outcomes, such as whether someone is employed, has health insurance, is worried about their personal financial situation, or votes for a particular political candidate.
6. Evaluate the quality of regression models and the reliability of the estimates they produce in order to make informed statements or recommendations.
7. Communicate methods, findings, and conclusions in a clear research-paper format, and carry out an original empirical analysis.
8. Use the R programming language to analyze data.

Learning Outcomes

You will get the most from the class when you understand why we do the reading, lectures, assignments, etc, we do. Everything we do in this class is meant to achieve the learning objectives below.

1. Specify, estimate and interpret simple and multiple regression, identify commonly encountered econometric problems, and communicate research results in research papers.
2. Construct, estimate and interpret simple and multiple regression models that describe relationships between discrete and continuous variables. Apply and compare alternative functional forms for the outcome and explanatory variables in the context of linear regression models, including logarithmic transformations, quadratic functions and interaction terms.
3. Identify common problems encountered in econometric modeling, including omitted variable bias, multicollinearity, simultaneity bias, selection bias, and measurement error.
4. Sign the likely direction of omitted variable bias using logic and discuss implications for results in the context of the research question.
5. Identify likely causes of and correct standard errors for heteroskedasticity.
6. Estimate and interpret extensions of the multiple regression model that are designed to account for common sources of estimation bias.
7. Construct, estimate and interpret the estimates from linear probability models, and choose the appropriate estimator for a given context.
8. Create new or extend existing econometric analyses to study a relationship of interest, and communicate the results of this analysis in research papers.

FAQs

How much time will I need to spend on this class each week?

We complete a full semester's worth of material in 4 weeks. The average student might expect to spend approximately 20 hours per week on this class. This includes time spent on watching videos, completing homework assignments, taking quizzes, working on your project, and preparing and completing exams. The amount of time you need to spend will vary and depend on your background and comfort with the material and your experience taking online classes.

Can I use AI to assist with my coursework?

Yes, but there are limitations. You can use AI to help you solve problems, generate ideas, or provide explanations, but you must ensure that AI is enhancing your learning, not replacing it. Neither AI nor any other outside resources are allowed for exams.

What is a week like?

We complete two units per week, where each unit roughly corresponds to one chapter in the textbook. In each unit there are videos to watch, slides to accompany the videos, a 15-question multiple choice quiz, and a homework assignment. Each week also includes a scaffolding assignment that will help you prepare for the empirical project/paper. There is an exam at the end of weeks 2 and 4. The final week includes only one unit, with extra time to dedicate to the final project.

Course Materials

Recommended Texts:

- Hanck, C., Arnold, M., and Schmeltzer, M. Introduction to Econometrics with R. 2026.

  This is a free online textbook available at Econometrics with R. The textbook goes into significantly more mathematical detail that is required for this course, but even with the extra detail, the discussion of the general ideas and solution methods are useful and directly related to the course material. Even if you don't understand what any of the mathematical details are saying, you should try to get an understanding of what problem the math is trying to accomplish.

- Stock, J. H., and Watson, M. W. Introduction to Econometrics. 4th Edition. Pearson, 2019.

  The textbook is available from UWL Textbook Rental without a fee. If you cannot pick up the textbook in person, UWL Textbook Rental provides shipping services for a flat $12 fee. See UWL Textbook Rental Shipping Procedures for details.

- Wickham, H., Çetinkaya-Rundel, M., and Grolemund, G. R for Data Science (2e). O'Reilly, 2023.

  This is a free online textbook available at R for Data Science. This textbook is not required, but it is a great resource for getting started with R and data science.

Canvas: Course materials will be provided on the UWL Canvas page for this course:

Assessments

Your learning will be assessed through weekly quizzes, homework assignments, two exams, and an empirical project/paper. The relative weights toward your final grade for each of these categories of assessments are given below. Within each category below, individual items are weighted equally.

25%	Homework Assignments (7 total)
20%	Quizzes (7 total)
30%	Exams (2 total)
10%	Empirical Project Scaffolding Assignments (3 total)
15%	Empirical Project/Paper

There are no extra-credit opportunities or makeup work for this class. Please take full advantage of the opportunities above.

Grading Scheme

Your final letter grade for the course will be assigned according to the following ranges for your weighted final grade.

93-100	A	80-87	B	67-74	C	0-61	F
88-92	AB	75-79	BC	62-66	D		

Homework Assignments

There is an empirical homework assignment for every unit of the class. The homework assignments have you using R to analyze real data and interpret the results in a short-answer format. The homework assignments also use the same data sets that you will choose for your empirical project and paper. The homework assignments are designed to give you practice with the types of questions that will be on the exams, and to help you prepare for the project.

FAQs

What are the quizzes like?

The quizzes are designed to test your understanding of the material covered in the videos and readings. They consist of multiple-choice questions and are intended to reinforce key concepts and ensure you are keeping up with the course content. You have unlimited attempts to take each quiz, and only your highest score will count toward your grade. Each quiz question is randomly selected from a small pool of questions on a similar concept. When you re-take a quiz, you will likely see different, but related questions. After each quiz, for every question, you will see your answer, the correct answer, and a short explanation of the answer to the question. You can use this information to learn from your mistakes and improve your understanding of the material for the next attempt.

What are the homework assignments like?

The homework assignments have you using the R programming language to analyze real data and interpret the results in a short-answer format. The homework assignments also use the same data sets that you will choose for your empirical project and paper.

Do I need any prior experience with R?

No prior experience with R is required. The course will provide the necessary resources and guidance to help you learn and use R effectively for your assignments and projects.

Exams

The exams will include both multiple-choice questions that are similar to your quizzes and short-answer problem-solving questions that are similar to the interpretation aspect of the homework exercises. You will not need to do any coding on the exams, but the exams may show you some completed code and results and ask you to interpret the results. You will not be allowed to use any resources on the exams, including your textbook, notes, or any materials posted on Canvas.

Practice Exams: For each exam, I will write two versions of the exam. I will randomly select one version of the exam to be a practice exam that I will post on Canvas prior to the exam and the other will be the actual exam.

Exam Schedule: There will be two exams, one at the end of week 2 and the other at the end of week 4. Each exam will be available to take for a 72-hour period from Friday 12:01 AM through Sunday 11:59 PM. You are recommended and officially expected to complete the exam on the Friday of the week, but I allow you the flexibility to complete the exam during the weekend if that is your preference. You may begin the exam at any time during the 72-hour period, but once you begin, you must finish the exam within 180 minutes (3 hours).

- Exam 1: Friday-Sunday, July 3-5
- Exam 2: Thursday-Sunday, July 17-19

Quizzes

Every unit of the class has a multiple-choice quiz administered in Canvas. The quizzes are short and should approximately 15-20 minutes to complete, but you may take more time if you need it. You are allowed to use your textbook or any resources posted on Canvas.

You may have unlimited attempts to complete each quiz, and only the highest score you earn will count toward your grade. Each attempt will have similar, but probably not identical, questions. You may review the problems you got wrong, and be more likely to get similar problems correct on a subsequent attempt.

The quizzes are designed to keep you on track with the course material and to help you prepare for the multiple-choice questions on the exams. It is in your best interest to take the quizzes seriously. Using AI tools to assist you on your quizzes is not allowed and will likely have negative consequences for your exam performance and the overall grade in the class.

Empirical Project/Paper

There is an empirical project/paper for the class. The purpose of the project is to use real data to answer a research question relevant for business, economics, finance, or social sciences, in the context of existing literature on the topic, and effectively communicate your findings in writing. There are three data sets that you can choose from for your empirical project and paper, that we will also be using in class examples and assignments. Each week will include a scaffolding assignment that will help you prepare you to successfully complete the project/paper. The project will involve the following tasks:

- Reviewing the three available data sets and choosing several variables from one that will create an interesting research question for you to answer
- Using descriptive statistics, bivariate inferential statistics, and regression analysis to analyze the data in ways that may help you answer your research question
- Conduct a short literature review to motivate your research question (i.e. why might someone want to voluntarily read your paper?), provide context for your research question, and review what is already known about the topic.
- Write a paper that describes your research question, the data and methods you used to analyze the data, the results of your analysis, and the implications of your results for the research question.

Services

Disability Resource Center
124 Wimberly Hall
Phone: 608-785-6900
drc@uwlax.edu

Center for Civil Dialogue & Civic Engagement
1120 Centennial
Phone: 608-785-5094
cdce@uwlax.edu

Cashier's Office
121 Graff Main Hall
Phone: 608-785-8719
cashiers@uwlax.edu

Counseling and Testing Center
2106 Centennial Hall
Phone: 608-785-8073

Eagle Help Desk
103 Wing Technology Center
Phone: 608-785-8719
helpdesk@uwlax.edu

Multicultural Student Services
1101 Centennial
Phone: 608-785-8225
omss@uwlax.edu

Murphy Library
Phone: 608-785-8505
libraryoffice@uwlax.edu

Office of Access, Belonging, & Compliance
412 Wimberly Hall
Phone: 608-785-5097

Contact Methods

In face-to-face classes, typical ways you contact your instructor include talking face-to-face during class, talking face-to-face during office hours, and sending messages over e-mail. In an online class, not only are some of these methods not possible, different methods may be appropriate depending on what you need to discuss. Try your best to follow these guidelines:

Contact me through the 'Questions & Answers' discussion forums in Canvas

- This is my preferred mode of correspondence when it comes to questions about the material in the course.
- If you have a question about course material and/or clarifications on assignments it is likely others do too, and the discussions between us might also be useful to others in the class.
- Rule of thumb: If your question is something you would feel comfortable asking during class in a face-to-face class, you should ask the question through the Canvas discussion forums in this online class.
- I respond to discussion forum questions at the latest by the following weekday (Monday through Friday) at 12:00 PM.
- See the information below that provides more details about the online discussion forums.

Contact me by e-mail at `jmurray@uwlax.edu`

- I respond to e-mails at the latest by the following weekday (Monday through Friday) at 12:00pm.
- Questions over e-mail should concern personal matters such as concerns or questions about your grade.
- Questions via e-mail would include questions you would be uncomfortable discussing in front of other people during a face-to-face class, but you would instead prefer to talk to me one-on-one outside of class.
- I prefer questions concerning course content be handled in the discussion forums, but if you prefer our correspondence not be public information, you are welcome to contact me via e-mail.

Regular and Substantive Interaction

Regular and substantive interaction between the instructor and students plays a crucial role in student achievement. I will be incorporating various forms of interaction that not only meet the requirements set by the US Department of Education and the UWL Faculty Senate policy, but also aid in student achievement. Your active participation and contributions are also essential to your learning. In partnership with your efforts, students can expect the following from the instructor:

- Be available for quick, but asynchronous, communication via email and Canvas discussion forums regarding course content and assignments
- Share information about the course materials including key information, explanations, examples, and resources via in-person, recorded, and/or text-based lectures
- Provide individual feedback on assignments
- Monitor your academic progress and communicate concerns, as needed

Graded Work Response Time

I will grade and provide feedback on submitted work within 24 hours of the due date. Work that is turned in late may not be accepted, but if so, I may not be able to grade the work within the 24-hour time frame. Grades will be posted on the Canvas grade book.

Services

Office for Financial Aid
217 Graff Main Hall
Phone: 608-785-8604
finaid@uwlax.edu

Office of Student Life
149 Graff Main Hall
Phone: 608-785-8062
studentlife@uwlax.edu

Pride Center
2218 Student Union
Phone: 608-785-8887
pridecenter@uwlax.edu

Records and Registration
117 Graff Main Hall
Phone: 608-785-8951
records@uwlax.edu

Student Health Center
1030 Health Science Center
Phone: 608-785-8558
shcnetworking@uwlax.edu

Student Support Services
2131 Centennial Hall
Phone: 608-785-8535
sss@uwlax.edu

Textbook Rental
Student Union Lower Level
Phone: 608-785-8853
textbook@uwlax.edu

Office of Veteran & Military Connection
202 Wing Communication Ctr
Phone: 608-785-8631
uwlveted@uwlax.edu

Violence Prevention Service
149 Graff Main Hall
Phone: 608-785-5126
bmcconaughey@uwlax.edu

Asking Questions in Discussion Forums

There are several discussion forums in Canvas for this class, each focused on a particular topic or issue. This is designed to make it easy for you to find the information you need. All discussion forums in this class are optional. Look for the following discussion forums in Canvas:

General Structure of the Course: This discussion forums is about general course requirements, expectations, and policies. If you have a question about the structure of the course, this is the place to ask.

Unit-Specific Course Content: There is a discussion forum for each unit of the seven units in this class. If you have a question about the content while you are working through the videos, slides, quizzes, and homework assignments, or studying for a particular topic for the class, this is the place to ask.

- Unit 1 Discussion Forum: Introduction to Econometrics: Discussion forum for unit 1 content covered in week 1.
- Unit 2 Discussion Forum: Introductory Statistics: Discussion forum for unit 2 content covered in week 1.
- Unit 3 Discussion Forum: Introduction to Regression: Discussion forum for unit 3 content covered in week 2.
- Unit 4 Discussion Forum: Building and Evaluating Regression Models: Discussion forum for unit 4 content covered in week 2.
- Unit 5 Discussion Forum: Binary Outcome Models: Discussion forum for unit 5 content covered in week 3.
- Unit 6 Discussion Forum: Advanced Inferences in Regression: Discussion forum for unit 6 content covered in week 3.
- Unit 7 Discussion Forum: Panel Regression: Discussion forum for unit 7 content covered in week 4.

Empirical Project Discussion Forums: There are four discussion forums related to the empirical project/paper. There is one about general questions, then there are three discussion forums specific to the three data sets that you can choose from for your project. If your questions is about specific variables in your data set, one of these three is the place to ask. If your question is more general, the general empirical project discussion forum is the place to ask.

- General Empirical Project Discussion Forum: Discussion forum for general questions about the empirical project/paper.
- Empirical Project Discussion Forum: General Social Survey (GSS): Discussion forum for questions about the GSS data set that you can choose for your empirical project/paper.
- Empirical Project Discussion Forum: FINRA Financial Capability Study: Discussion forum for questions about the FINRA data set that you can choose for your empirical project/paper.
- Empirical Project Discussion Forum: American Community Survey (ACS): Discussion forum for questions about the ACS data set that you can choose for your empirical project/paper.

Late Work Policy

The accelerated four-week term is not conducive to permitting late submissions. I need to post answer keys to exams and quizzes promptly so that all the students in the class can use these resources for studying for an exam that is always just around the corner. Once an answer key is posted, late work cannot be accepted. Answer keys are typically posted the day following a deadline. Exceptions can be made for extraordinary circumstances such illness, injuries, or emergencies that prevent you from completing assigned work by the deadlines.

Resources

UWL Policies

- Student Handbook
- Academic Calendar
- Undergraduate Catalog
- Adademic Misconduct
- Title IX

Other Resources

- Canvas Student Guide
- Bias Incident Reporting
- Campus Life: Student Success Resources

Use of Artificial Intelligence (AI) Tools

Artificial intelligence tools such as ChatGPT can be useful when learning any new topic, especially topics that have been well documented online, such as the content of this course. You are encouraged, but not required, to use AI tools to complement your learning, but do not use it as a replacement for learning. You can use it for assistance with homework assignments and the empirical project, but do not use it to give you the answers to the questions or to write your paper for you. Do not copy and paste, or write out verbatim, any AI-generated text for any homework or written assignment. While AI can assist you with any work outside of class, you must be the author of all the work you hand in, and you are expected to have a strong understanding of the work that you submit as your own.

Note that there are often multiple coding methods and solution methods that can correctly answer many of the coding and problem-solving questions we address in this course. Using AI tools for such problems may give you solution methods that are correct, but different from the methods we learn in this class, and perhaps beyond the scope of this class. At any time, if your work does not reflect the material in this class, I will ask you to meet with me in person or over Zoom to teach me the methods you used. Your grade on the assignment will reflect your understanding of the material that you demonstrate in this meeting. Please note that if you receive a low grade, this is not a punishment. Use of AI and other outside materials is allowed, except on exams. The grade will not be a judgment of any inappropriate behavior, but a score of your demonstrated understanding of the material.

The homework assignments align well with the short-answer exam questions, and the quizzes align well with the multiple-choice exam questions. I created the homework assignments and quizzes for your benefit to give you the most productive practice possible to prepare for your exams. Be aware that using AI to do your work for you will likely have negative consequences for your exam performance and the overall grade in the class.

Religious Accommodations

I am happy to provide absence accommodations for religious observance. Per the UWL Undergraduate Catalog, "any student with a conflict between an academic requirement and any religious observance must be given an alternative means of meeting the academic requirement. The student must notify the instructor within the first three weeks of class of specific days/dates."

See the Undergraduate Catalog for more information.

Students with Accommodation Needs

Any student with a documented disability (e.g. ADHD, Autism Spectrum Disorder, Acquired Brain Injury, PTSD, Physical, Sensory, Psychological, or Learning Disability) who needs to arrange academic accommodations must contact the Disability Resource Center (124 Wimberly Hall, 608.785.6900, drc@uwlax.edu) and meet with an advisor to register and develop an accommodation plan. In addition to registering with The Disability Resource Center, it is the student's responsibility to discuss their academic needs with their instructors.

You can find out more about services available to students with disabilities at the Disability Resource Center.

Academic Integrity

Information regarding student conduct disciplinary procedures is available in the UWL Student Handbook and in the catalog which articulates the UWL Student Honor Code.

For helpful information on how to avoid plagiarism, go to Avoiding Plagiarism on the Murphy Library website. You may also visit the Office of Student Life if you have questions about plagiarism or cheating incidents. Failure to understand what constitutes plagiarism or cheating is not a valid excuse for engaging in academic misconduct.

About Me

Education

- B.S. Economics
  UW-La Crosse, 2000
- M.A. Economics
  University of Notre Dame, 2002
- Ph.D. Economics
  Indiana University, 2008

Academic

- Courses I Teach:
  ECO 120: Global Macroeconomics
  ECO 230: Data Analysis for Bus
  ECO 301: Money and Banking
  ECO 305: Intermediate Macro
  ECO 307: Intro to Econometrics
  ECO 499: Mathematical Econ
- Research:
  Macroeconomic Dynamics
  Fiscal and Monetary Policy
  Applied Macroeconometrics
  Scholarship of Teaching & Learning

Personal

- My Hobbies:
  Running, biking, hiking, drinking coffee, Rubik's cubes, board games, computer programming, volunteering
- My Family:
  I am happily married with two boys in high school. Our favorite family activities involve being active outdoors together, enjoying nature, and playing board games.

Biography

Read A Short Biography

Student Survey on Instruction

UWL collects student feedback electronically via the Learning Environment Survey (LENS). Prior to the conclusion of a course, you will receive an electronic notification directing you to complete the LENS for each of your courses. Your instructor may provide in-class time for you to complete this survey. Electronic reminders will be sent if you do not complete the LENS. The survey includes multiple choice questions about your experiences in the class and provides options for comments. The university takes student feedback very seriously. Please be mindful to complete the LENS for each of your courses.

Dropping and Adding Courses

Please keep in mind the university's deadlines for making changes to your schedule. Please note that the University requires special permission to drop all courses for any given term. If this class is the only course you are enrolled in, Wings will not allow you to drop it without first contacting the Records and Registration Office (email: records@uwlax.edu). See UWL Records and Registration Policies and Deadlines for more information.

Veterans and Active Military

Veterans and active military personnel with special circumstances (e.g., upcoming deployments, drill requirements, disabilities) are welcome and encouraged to communicate these, in advance if possible, to me. For additional information and assistance, contact the Office of Veteran & Military Connection. Students who need to withdraw from class or from the university due to military orders should be aware of UWL's military duty withdrawal policy.

Illness and Emergency Policy

Illness, injury, or other emergency may prevent you from being well enough or prepared enough to complete the assigned work by their due dates. Please contact me as soon as reasonable if an illness or emergency prevents you meeting assignment or exam due dates and we can make alternative arrangements.

Sexual Misconduct

As an employee of the University of Wisconsin-La Crosse, I am a mandated reporter of sexual harassment and sexual violence that takes place on campus or otherwise affects the campus community. This means that if I receive detailed or specific information about an incident such as the date, time, location, or identity of the people involved, I am obligated to share this with a member of UWLs team in order to enable the university to take appropriate action to ensure the safety and rights of all involved. For students not wishing to make an official report, there are confidential resources available to provide support and discuss the available options. Please see Title IX resource page for more resources or to file a report.

Names and Pronouns

I will do my best to address you by your name and pronoun that you have identified. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. See UWL's Name-in-Use Policy. UWL's Pride Center is also available for additional assistance.

Inclusive Excellence

I share UWL's core value of "diversity, equity, and the inclusion and engagement of all people in a safe campus climate that embraces and respects the innumerable different perspectives found within an increasingly integrated and culturally diverse global community." If you are not experiencing this class in this manner, please come talk to me about your experiences, so I can try to adjust the course if possible.

Notes

Concerns, Complaints, and Grievances

The following describes the UWL policies and procedures for addressing students' complaints or grievances on issues relating to the course and/or the instructor.

Informal Complaints: If a student has a concern or a complaint about a faculty member or course, the general process for making informal complaints is outlined in steps 1-3 below. Students are welcome to bring a friend or a UWL staff member with them during the following steps. Students who report concerns/complaints/grievances, whether informally or formally, will be protected from retaliation and have the right to expect an investigation and the option to have regular updates on the investigation:

1. The student should speak directly to the instructor.
2. If the student is uncomfortable speaking with the instructor, or they are unsatisfied with the solution, they should go to the chair of the faculty member's home department.
3. If the student is uncomfortable speaking with the department chair, or the chair is the faculty member in question, or they are unsatisfied with the solution, the student should speak with their college dean.

Depending on the specifics of the concern, it may be helpful for students to reach out to additional offices:

- Complaints/concerns/grievances about grades, teaching performance, course requirements, course content, incivility, or professional ethics should follow the process outlined above. Students may also wish to seek support from the Office of Student Life.
- Complaints/concerns/grievances related to bias and/or discrimination may follow the process outlined above, and in addition or instead students may contact the Center for Transformative Justice office and/or submit a bias incident report.
- Complaints/concerns/grievances related to sexual misconduct may begin with the process outlined above, but will need to also involve the Equity & Affirmative Action and Violence Prevention offices, and/or the Title IX Team. Students should know that faculty members are mandatory reporters of sexual misconduct, but that confidential resources are available to them.

Formal Complaints: If the student is unsatisfied with the solution of their informal complaint, they have the right to file a formal institutional complaint with the Student Life office, as described in the Student Handbook

UWL Legal Obligations to Students: This syllabus includes descriptions of the many legal obligations UWL faculty and staff have for our students. See UWL Syllabus Policy Information and Statements for more information.

ECO 307 Summer 2026 Class Schedule

Week 1 (June 22-28): Introduction to Econometrics

Unit 1	June 22-24	Introduction to the Course	Quiz due Tue June 23
		Introduction to Using R	HW due Wed June 24
		Introduction to Data Sets used in the Course	
Unit 2	June 25-26	Introductory Statistics	Quiz due Thu June 25
		Scale of Measurement	HW due Fri June 26
		Estimating the Population Mean	
		Estimating Differences in Means	
		Estimating the Population Correlation	
Project	June 22-26	Picking Your Project Topic	HW due Sun June 28

Week 2 (June 29-July 5): Regression Analysis

Unit 3	June 29-July 1	Introduction to Regression Analysis	Quiz due Tue June 30
		Simple Linear Regression	HW due Wed July 1
		Inferences on Regression Coefficients	
		Multiple Linear Regression	
Unit 4	July 2-3	Building and Evaluating Regression Models	Quiz due Thu July 2
		Dummy Variables in Regression	HW due Fri July 3
		Variance Decomposition	
		Heteroskedasticity	
Project	June 29-July 5	Exploratory Analysis for Your Project	HW due Sun July 5
Exam 1	July 3-5	Canvas Exam 1	Exam due Sun July 5
		Take anytime Friday-Sunday Due 180 minutes after starting	

Week 3 (July 6-12): Introduction to Econometrics

Unit 5	July 6-8	Binary Outcome Models	Quiz due Tue July 7
		Linear Probability Model	HW due Wed July 8
		Logistic Regression	
Unit 6	July 9-10	Advanced Inferences in Regression	Quiz due Thu July 9
		Standardized Regression	HW due Fri July 10
		Interaction Effects	
		Inferences on Linear Combinations of Coefficients	
		General Linear Restrictions	
Project	July 6-12	First Draft Your Methodology	Due Sun July 12

Week 4 (July 13-19): Panel Regression and Project Completion

Unit 7	July 13-15	Panel Regression	Quiz due Tue July 14
		Pooled Panel	HW due Wed July 15
		Fixed Effects Panel Regression	
		Differences-in-Differences	
Project	July 13-19	Final Written Project Due	HW due Sun July 19
Exam 2	July 15-19	Canvas Exam 2	Exam due Sun July 19
		Take anytime Thursday-Sunday Due 180 minutes after starting	