

**University of Colorado at Boulder**  
**Department of Economics**

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**Economics 4231**  
**Syllabus and Schedule**  
**7 January 2021**

Welcome! I am Prof. Jeffrey S. Zax. This is Economics 4231,  
Applied Economic Analysis and Public Policy.

**Course description:**

This course applies economic analysis to current issues of public policy in the State of Colorado. It begins with an examination of the theoretical foundations for government economic activity. It then provides a description of the structure and procedures of the Colorado General Assembly (the official name of the Colorado State legislature). It continues with detailed discussions of the basic principles of public finance, the economic justifications for government action and the contents of specific Assembly bills. Throughout the semester, students individually choose current Assembly bills, review relevant economic literature and apply the implications of that literature and our economic principles through briefing papers, in-class presentations and testimony at Assembly hearings. In addition, we participate in a cooperative project in which we rate the economic content of the bills considered during the first half of the Assembly session, with the intention of distributing these ratings to the Assembly and the public.

This course explores the challenges of integrating informed economic analysis into the legislative process. It allows students who are interested in issues of public policy to learn both about the economic analysis that is relevant to those issues and to apply what is relevant to the process of determining public policy. Although issues of public policy are addressed in many courses in the Economic Department, there is no other course in the Department that engages the public policy process directly. That engagement will be valuable to the many among our students who will be active in public policy subsequent to graduation, either through their employment or as citizens. This course is also of benefit to the State of Colorado, because it should improve the quality and consistency of economic analysis available to the General Assembly.

This course will meet synchronously on Thursdays from 3:55 p.m. until 6:25 p.m. throughout the semester via Zoom. The Zoom meeting ID is 924 9895 2232. Classes will consist of lectures,

discussions of assignments, discussions of Assembly procedures and individual presentations. You should expect to attend every class. I will drop any student who misses either of the first two classes, 14 and 21 January. As a consequence, enrollment is effectively available only to students who have enrolled prior to the first class.

I will hold regular office hours via Zoom between 2:00 p.m. and 3:30 p.m. on Tuesdays (Zoom meeting ID 925 1333 4408) and between 11:00a.m. and 12:30p.m. (Zoom meeting ID 916 3418 5325) on Wednesdays. Appointments may be made for meetings at other times, if these are inconvenient. Course information will be posted regularly on Canvas. Notifications will be posted there as well, and sent via campus email. It is your responsibility to monitor both.

### **Course prerequisites:**

This course requires previous completion of Economics 3070, Intermediate Microeconomic Theory and Economics 3818, Introduction to Statistics, or their equivalents. These prerequisites will ordinarily be enforced. If you have questions in this regard, contact me at the email address above.

This course requires excellent auditory comprehension in the English language. Much of the important course material is presented orally in lectures. The ability to follow the discussion and participate in it is essential for successful course completion.

This course requires excellent reading comprehension in the English language. The remaining course material is presented in Assembly bills, textbook chapters and journal articles. The ability to understand their content and extract what is most important is essential.

Finally, the ability to write effectively in the English language is very important. Elements of the course that are based on essays constitute four-fifths of the final grade. One-tenth of the final grade is comprised of a final examination whose questions require original answers of approximately one to six sentences in length.

### **Course requirements:**

Performance in this course will be judged on the basis of six instruments. Each student will choose four bills before the Colorado General Assembly during the course of the semester. Each bill can be chosen by no more than one student. Assignments related to these bills will constitute 80 points, or 80% of the course.

The basic assignment for each of these bills will be worth 15 points, or 15% of the course. Each assignment will consist of three components.

The first component will be a briefing paper consisting of no more than five pages, with additional pages only for reference lists. The paper will summarize the relevant literature and present an original economic analysis in language and, if useful, figures that would convey the essence of the material to a general audience. The Writing Center in the Office of Undergraduate Education (<https://www.colorado.edu/program/writingcenter/>) may be able to assist with composition, prior to submission for my edits. Each of these papers will be worth 8 points, or 8% of the final grade.

Each paper may be submitted in up to four drafts. The first bill may be claimed starting on 29 January. The deadlines for the final drafts are 11 February, 4 March, 1 April and 22 April, at 11:59p.m. The most recent draft as of each of these dates will be graded. If no draft has been submitted as of these dates, the grade will be zero. First drafts should be submitted at least one week in advance of these deadlines. Final drafts can be submitted prior to these dates and may have to be, depending on the Assembly schedules for the bills in question.

These papers must be type-written, double-spaced, and have conventional margins. Papers that exceed the maximum lengths, either in physical length or because of compressed format, will be penalized. They must be submitted to me electronically at the email address above in the Adobe pdf format. The computers in the computer lab in the basement of the Economics Building can create pdf files from Word files. Make sure that you arrange to convert your papers to pdf format before the deadline for submission. Speak with me in advance if you anticipate difficulty with this requirement. **Only pdf files will be accepted.**

The second and third components of the assignment for each bill can be undertaken only if the final draft of the paper attains a grade of at least 6 points out of 8. If the final draft does not attain this standard, the grades for the second and third components will both be zero.

The second component of each bill assignment will consist of confirmed distribution of the briefing paper to appropriate members of the General Assembly. I must approve each paper for distribution. Distribution should occur via email, with myself as one of the recipients. Papers must be distributed after the receipt of approval, and within five days of that receipt in order to receive credit. Each distribution will be worth 2 points, or 2% of the final grade.

The third component of each bill assignment will consist of a testimony presentation. This presentation will condense the associated briefing paper into a three-minute oral presentation. This presentation will take place in class. Each of these presentations will be worth 5 points, or 5% of the final grade. Presentations should ordinarily follow the submission of final paper drafts. If the General Assembly schedules for the bills in question demand otherwise, you must receive permission from me in advance.

In addition to the basic assignment associated with each bill, students will be required to present verbal testimony to relevant committees of the General Assembly. That testimony may occur in person or remotely, depending on the modes that the General Assembly makes

available. As a consequence of the difficulty of coordinating Assembly and student schedules, this requirement will apply to any two of the four bills analyzed by each student. The accomplishment of each instance of verbal testimony will be worth 10 points, or 10% of the final grade.

Students must receive explicit approval from me before they may testify for course credit. Ordinarily, approval is granted only if the associated briefing paper has already been accepted, the associated oral presentation has occurred in class and has attained a grade of at least 3.5 out of 5 points. Any exceptions to this policy must be granted by me in advance of testimony.

The fifth graded instrument will be a mid-term legislative report card, to which all students will contribute. Each student will be assigned a share of the current Assembly bills for the purpose of evaluating their suitability as objects of government action. We will compile the evaluations of all students into a single document for distribution. Each student's contribution will be worth 10 points, or 10% of the final grade. The legislative report card will be due on 18 March.

The sixth graded instrument is the final examination. It will examine the material in the formal lectures and readings, as well as the experience of interacting with the Assembly. It will be worth 10 points, or 10% of the final grade. It is scheduled to take place on Saturday, 1 May from 1:30p.m.-4:00p.m. Any student who has three or more final examinations scheduled on 1 May has the right to reschedule all exams following the first two. Any student wishing to invoke this right must do so by 24 March. <sup>1</sup>

The course as a whole is valued at 100 points. The score attained by each student, evaluated relative to those of other students and to the score which would be attained by an intelligent student of economics at this level, will determine final letter grades.

#### **Course conduct:**

Excuses for the course requirements will be granted only under extraordinary circumstances. If granted, the excused points will be reallocated to subsequent requirements.

Attendance at lectures is essential to success in this course. Students who do not intend to attend all lectures should not enroll. All personal needs, such as the filling of water bottles and visits to restrooms, should be addressed prior to the beginning of each class, during the mid-class break, or after class ends. If this is impracticable, please consult with me.

Electronic devices such as laptops and cell phones may be used during class only for course purposes. Improper use may be penalized by dismissal from the lecture, grade penalties or

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<sup>1</sup> University policies regarding multiple final examinations on the same day are available at <http://www.colorado.edu/policies/final-examination-policy>.

both. Dismissal during the first lecture will violate the attendance requirement and result in drops from the course.

Assistance with regard to the material in this course is available in my office hours and by appointment. If additional assistance is required, the Economics Department provides a free drop-in tutorial office which may offer assistance on 4000-level electives in our Department. Its website is

[https://www.colorado.edu/economics/sites/default/files/attached-files/tutorial-lab\\_o.pdf](https://www.colorado.edu/economics/sites/default/files/attached-files/tutorial-lab_o.pdf). The

Economics Department also maintains a list of tutors who are available for private hire and who may be able to assist with this course. Its website is

[https://www.colorado.edu/economics/sites/default/files/attached-files/tutor\\_list.pdf](https://www.colorado.edu/economics/sites/default/files/attached-files/tutor_list.pdf).

Adhere strictly to all standards of academic integrity. **Any** act of academic dishonesty will result in a failing grade for the course and referral to the Honor Code Office for possible non-academic sanctions. Information regarding the Honor Code academic integrity policy can be found at the [Honor Code Office website](#).

#### Course resources:

Most of the assigned readings are in the textbook by Harvey S. Rosen and Ted Gayer, Public Finance, 10<sup>th</sup> edition, McGraw-Hill, New York, 2014, ISBN 978-0-07-802168-8. The complete textbook is available for purchase at the book store. The 9<sup>th</sup> edition may also be sufficient, but students rely upon it at their own risk.

The remaining pamphlets, assigned for 21 January, may be obtained at the Canvas website for this course. Additional readings may be assigned at my discretion. Students will be responsible for identifying readings that are relevant to their individual topics.

#### Tentative schedule:

<u>Date</u>	<u>Lecture title, readings and assignments</u>
14 January	<b>Introduction to the normative public finance and the Colorado General Assembly</b> Readings: <ul style="list-style-type: none"><li>• Rosen and Gayer, chapter 3</li><li>• The website of the Colorado General Assembly: <a href="http://leg.colorado.gov/">http://leg.colorado.gov/</a>.</li></ul>
21 January	<b>Overview of Colorado State Capitol physical structure and conduct</b> Readings: <ul style="list-style-type: none"><li>• "An Overview of the Legislative Process"</li><li>• "The State Budget Process: A Staff Perspective"</li></ul>

- "Rules and Regulations: A primer on formal rulemaking processes and procedures in Colorado"
- "The Case for Representative Democracy: What Americans Should Know About Their Legislatures", the National Conference of State Legislatures, 2001.
- "Learning the Game: How the Legislative Process Works", the National Conference of State Legislatures, 2005.
- "Making Your Case: How to Win in the Legislature", the National Conference of State Legislatures, 2005.

28 January	<b>Principles of writing, externalities, job creation</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapter 5</li> </ul>
4 February	<b>Legislative report card, education</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapter 7</li> </ul>
11 February	<b>Health care</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapters 9, 10</li> </ul>
		Assignment:	<ul style="list-style-type: none"> <li>• First paper due today</li> </ul>
18 February	<b>Social welfare</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapters 12, 13</li> </ul>
25 February	<b>Cost-benefit analysis</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapter 8</li> </ul>
4 March	<b>Taxation</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapters 14-16</li> </ul>
		Assignment:	<ul style="list-style-type: none"> <li>• Second paper due today</li> </ul>
11 March	<b>Taxation</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapters 14-16</li> </ul>
		Assignment:	<ul style="list-style-type: none"> <li>• Assembly report card due today</li> </ul>
18 March	<b>Public goods</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapter 4</li> </ul>
1 April	<b>Public goods</b>	Readings:	<ul style="list-style-type: none"> <li>• Rosen and Gayer, chapter 4</li> </ul>
		Assignment:	<ul style="list-style-type: none"> <li>• Third paper due today</li> </ul>

- 8 April                    **Government structure and legislatures**  
                                  Readings:            • Rosen and Gayer, chapters 6, 22
- 15 April                   **Government structure and legislatures**  
                                  Readings:            • Rosen and Gayer, chapters 6, 22
- 22 April                   **To be announced**  
                                  Readings:            • To be announced  
                                  Assignment            • Fourth paper due today
- 29 April                   **To be announced**  
                                  Readings:            • To be announced
- 4 May                      **Final examination: 1:30p.m.-4:00p.m.**

### **Additional policy statements**

- The University adheres to the standards for student privacy rights and requirements as stipulated in the Federal Rights and Privacy Act (FERPA) of 1974.<sup>2</sup>
- I am happy to discuss any issues of individual or group treatment in office hours or by appointment.
- The following pages present the University's required "Syllabus Statements", which apply to this course in their entirety.

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<sup>2</sup> A description is available at <http://www.colorado.edu/registrar/resources/family-educational-rights-and-privacy-act-ferpa>.

# SYLLABUS STATEMENTS

## CLASSROOM BEHAVIOR

Both students and faculty are responsible for maintaining an appropriate learning environment in all instructional settings, whether in person, remote or online. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation or political philosophy. For more information, see the policies on [classroom behavior](#) and the [Student Code of Conduct](#).

## REQUIREMENTS FOR COVID-19

As a matter of public health and safety due to the pandemic, all members of the CU Boulder community and all visitors to campus must follow university, department and building requirements, and public health orders in place to reduce the risk of spreading infectious disease. Required safety measures at CU Boulder relevant to the classroom setting include:

- maintain 6-foot distancing when possible,
- wear a face covering in public indoor spaces and outdoors while on campus consistent with state and county health orders,
- clean local work area,
- practice hand hygiene,
- follow public health orders, and
- if sick and you live off campus, do not come onto campus (unless instructed by a CU Healthcare professional), or if you live on-campus, please alert [CU Boulder Medical Services](#).

Students who fail to adhere to these requirements will be asked to leave class, and students who do not leave class when asked or who refuse to comply with these requirements will be referred to [Student Conduct and Conflict Resolution](#). For more information, see the policies on [COVID-19 Health and Safety](#) and [classroom behavior](#) and the [Student Code of Conduct](#). If you require accommodation because a disability prevents you from fulfilling these safety measures, please see the “Accommodation for Disabilities” statement on this syllabus.

All students who are new to campus must complete the [COVID-19 Student Health and Expectations Course](#). Before coming to campus each day, all students are required to complete the [Buff Pass](#).



Students who have tested positive for COVID-19, have symptoms of COVID-19, or have had close contact with someone who has tested positive for or had symptoms of COVID-19 must stay home. In this class, if you are sick or quarantined, please notify me so that we can ensure that you remain current in our course.

## ACCOMMODATION FOR DISABILITIES

If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the [Disability Services website](#). Contact Disability Services at 303-492-8671 or [dsinfo@colorado.edu](mailto:dsinfo@colorado.edu) for further assistance. If you have a temporary medical condition, see [Temporary Medical Conditions](#) on the Disability Services website.

## PREFERRED STUDENT NAMES AND PRONOUNS

CU Boulder recognizes that students' legal information doesn't always align with how they identify. Students may update their preferred names and pronouns via the student portal; those preferred names and pronouns are listed on instructors' class rosters. In the absence of such updates, the name that appears on the class roster is the student's legal name.

## HONOR CODE

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the Honor Code. Violations of the policy may include: plagiarism, cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, submitting the same or similar work in more than one course without permission from all course instructors involved, and aiding academic dishonesty. All incidents of academic misconduct will be reported to the Honor Code ([honor@colorado.edu](mailto:honor@colorado.edu)); 303-492-5550). Students found responsible for violating the academic integrity policy will be subject to nonacademic sanctions from the Honor Code as well as academic sanctions from the faculty member. Additional information regarding the Honor Code academic integrity policy can be found at the [Honor Code Office website](#).

## SEXUAL MISCONDUCT, DISCRIMINATION, HARASSMENT AND/OR RELATED RETALIATION

The University of Colorado Boulder (CU Boulder) is committed to fostering an inclusive and welcoming learning, working, and living environment. CU Boulder will not tolerate acts of sexual misconduct (harassment, exploitation, and assault), intimate partner violence (dating or domestic violence), stalking, or protected-class discrimination or harassment by members of our community. Individuals who believe they have been subject to misconduct or retaliatory actions for reporting a concern should contact the Office of Institutional Equity and Compliance (OIEC) at 303-492-2127 or [cureport@colorado.edu](mailto:cureport@colorado.edu). Information about the OIEC, university policies, [anonymous reporting](#), and the campus resources can be found on the [OIEC website](#).

Please know that faculty and graduate instructors have a responsibility to inform OIEC when made aware of incidents of sexual misconduct, dating and domestic violence, stalking, discrimination, harassment and/or related retaliation, to ensure that individuals impacted receive information about options for reporting and support resources.

### RELIGIOUS HOLIDAYS

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, if your religious observance conflicts with the course schedule, please notify me so that we can ensure that you remain current. See the [campus policy regarding religious observances](#) for full details.