SYLLABUS
AEDE 4003
Economic Analysis of Public Policy
Spring 2022 (full term) - 3 credit hours – In person

COURSE OVERVIEW

Instructor

Instructor: Ian Sheldon
Email address: sheldon.1@osu.edu
Phone number: 614-292-2194 (Skype for Business)
Office Location: Rm. 221 Agricultural Administration

Class times: Mondays/Wednesdays: 2.20-3.40 pm (first class – January 10, 2022)
Classroom: Kottman Hall, Rm.104

Office hours: By Zoom appointment

Prerequisites

AEDE 4001 or equivalent

Course description

Examination of the economic tools for analyzing public policy.

Course learning outcomes

By the end of this course, students should be able to successfully:

- To explore economic performance and trade-offs via welfare economic analysis; and to examine public policies towards market failures such as monopoly and imperfect competition, imperfect information, externalities, and the supply of public goods.
Topic List

- Efficiency in exchange and production
- Regulation and market structure
- Imperfect information
- Externalities and public policy
- The tragedy of the commons
- Public goods
- The welfare theorems
- Social welfare and public choice
- Taxation and efficiency

HOW THIS COURSE WORKS

Mode of delivery: This course is 100 percent in person.

Pace of activities: This course is divided into the set of topics listed in the course schedule, with an online quiz being held each week in Canvas. Students are expected to keep pace with weekly deadlines but may schedule their efforts freely within that time frame.

Credit hours and work expectations: This is a 3-credit-hour course. According to Ohio State policy (go.osu.edu/credithours), students should expect around 3 hours per week of time spent on direct instruction (instructor content and Carmen activities) in addition to 6 hours of homework (review for quizzes) to receive a grade of (C) average.

Attendance and participation requirements: There will be an attendance grade, and bonus points will also be available for class participation.
COURSE MATERIALS AND TECHNOLOGIES

Textbook

No course textbook required.

Other fees or requirements

- N/A

Course technology

Technology support

For help with your password, university email, Carmen, or any other technology issues, questions, or requests, contact the Ohio State IT Service Desk. Standard support hours are available at ocio.osu.edu/help/hours, and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** [ocio.osu.edu/help](http://ocio.osu.edu/help)
- **Phone:** 614-688-4357 (HELP)
- **Email:** servicedesk@osu.edu
- **TDD:** 614-688-8743

Technology skills needed for this course

- Basic computer and web-browsing skills
- Navigating Carmen ([go.osu.edu/canvasstudent](http://go.osu.edu/canvasstudent))
- Carmen Zoom virtual meetings ([go.osu.edu/zoom-meetings](http://go.osu.edu/zoom-meetings))

Required equipment

- Computer: current Mac (MacOs) or PC (Windows 10) with high-speed internet connection
- Other: a mobile device (smartphone or tablet) to use for BuckeyePass authentication

Required software

- Microsoft Office 365: All Ohio State students are now eligible for free Microsoft Office 365. Full instructions for downloading and installation can be found at [go.osu.edu/office365help](http://go.osu.edu/office365help).
Carmen access

You will need to use BuckeyePass (buckeyepass.osu.edu) multi-factor authentication to access the course in Carmen. To ensure that you can connect to Carmen, it is recommended that you take the following steps:

- Register multiple devices in case something happens to your primary device. Visit the BuckeyePass - Adding a Device help article for step-by-step instructions (go.osu.edu/add-device).
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click Enter a Passcode and then click the Text me new codes button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- Download the Duo Mobile application (go.osu.edu/install-duo) to your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service.

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357(HELP) and IT support staff will work out a solution with you.

**GRADING AND FACULTY RESPONSE**

**How your grade is calculated**

<table>
<thead>
<tr>
<th>ASSIGNMENT CATEGORY</th>
<th>POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams I, II and III*</td>
<td>50</td>
</tr>
<tr>
<td>Quizzes</td>
<td>15</td>
</tr>
<tr>
<td>Homework Assignments I, II and III**</td>
<td>30</td>
</tr>
<tr>
<td>Attendance</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
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</tbody>
</table>

* Students are required to take all three exams. Your overall exam score will be based on the sum of your best two scores from Exams I, II, and III.

** Students are required to complete all three homework assignments. Your overall assignment score will be based on the sum of your best two scores from homework assignments I, II, and III.
Description of major course assignments

Exams

Description: There will be three mid-term exams during the course, consisting of both short-answer questions and objective (multiple-choice, true/false, definitions) questions. Each exam will be conducted in class. The exam schedule is as follows:

- Exam I: February 14
- Exam II: March 21
- Exam III: April 25

Quizzes

Description: There will be 10-12 quizzes during the course, consisting of objective (multiple-choice, true/false, definitions) questions. Each quiz will be conducted online via Canvas, the quiz being available over a one-day window, with a time limit on the quiz once started.

Academic integrity and collaboration: you can refer to the course notes during the quiz, but you must complete the quiz online during the allotted time-period on your own.

Homework Assignments

Description: Three homework assignments will be given, based on problems set by the instructor. The homework assignments will be conducted online via Canvas, each assignment being available over a one-week window, with instructions on how to submit the assignment through Canvas. The assignment schedule is as follows:

- Assignment I: [Available on Canvas January 31 (12.01 am) to February 7 (11.59 pm)]
- Assignment II: [Available on Canvas March 6 (12.01 am) to March 13 (11.59 pm)]
- Assignment III: [Available on Canvas April 15 (12.01 am) to April 22 (11.59 pm)]

Academic integrity and collaboration: each homework assignment must be your own work.

Late assignments

Exams: No make-up exams are given without documents indicating circumstances beyond your control that caused you to miss the official dates. Except under the most unusual circumstances, the instructor needs to be notified prior to the exam.
Grading scale

95–100: A  
90–94.9: A-  
87–89.9: B+  
83–86.9: B  
80–82.9: B-  
77–79.9: C+  
73–76.9: C  
70–72.9: C-  
67–69.9: D+  
60–66.9: D  
Below 60: E

There may be a curve to the final course grade depending on overall performance of the class. There will be opportunity for extra credit through participation in class.

Instructor feedback and response time

• **Grading and feedback:** For online quizzes, you can generally expect immediate feedback through the Canvas grading system.

• **Email:** I will reply to emails within **24 hours on days when class is in session.**

OTHER COURSE POLICIES

Academic integrity policy

**Ohio State’s academic integrity policy**

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the university’s Code of Student Conduct ([studentconduct.osu.edu](http://studentconduct.osu.edu)), and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the university’s Code of Student Conduct and this syllabus may constitute “Academic Misconduct.”

The Ohio State University’s Code of Student Conduct (Section 3335-23-04) defines academic misconduct as: “Any activity that tends to compromise the academic integrity of the university or subvert the educational process.” Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the university’s Code of Student Conduct is never considered an excuse for academic misconduct, so I recommend that you review the Code of Student Conduct and, specifically, the sections dealing with academic misconduct.
If I suspect that a student has committed academic misconduct in this course, I am obligated by university rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the university's Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the university. If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Other sources of information on academic misconduct (integrity) to which you can refer:

- Committee on Academic Misconduct web page (go.osu.edu/coam)
- Ten Suggestions for Preserving Academic Integrity (go.osu.edu/ten-suggestions)
- Eight Cardinal Rules of Academic Integrity (go.osu.edu/cardinal-rules)

**Copyright for instructional materials**

The materials used in connection with this course may be subject to copyright protection and are only for the use of students officially enrolled in the course for the educational purposes associated with the course. Copyright law must be considered before copying, retaining, or disseminating materials outside of the course.

**Statement on Title IX**

All students and employees at Ohio State have the right to work and learn in an environment free from harassment and discrimination based on sex or gender, and the university can arrange interim measures, provide support resources, and explain investigation options, including referral to confidential resources.

If you or someone you know has been harassed or discriminated against based on your sex or gender, including sexual harassment, sexual assault, relationship violence, stalking, or sexual exploitation, you may find information about your rights and options at titleix.osu.edu or by contacting the Ohio State Title IX Coordinator at titleix@osu.edu. Title IX is part of the Office of Institutional Equity (OIE) at Ohio State, which responds to all bias-motivated incidents of harassment and discrimination, such as race, religion, national origin and disability. For more information on OIE, visit equity.osu.edu or email equity@osu.edu.
Commitment to a diverse and inclusive learning environment

The Ohio State University affirms the importance and value of diversity in the student body. Our programs and curricula reflect our multicultural society and global economy and seek to provide opportunities for students to learn more about persons who are different from them. We are committed to maintaining a community that recognizes and values the inherent worth and dignity of every person; fosters sensitivity, understanding, and mutual respect among each member of our community; and encourages each individual to strive to reach his or her own potential. Discrimination against any individual based upon protected status, which is defined as age, color, disability, gender identity or expression, national origin, race, religion, sex, sexual orientation, or veteran status, is prohibited.

Your mental health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. No matter where you are engaged in distance learning, The Ohio State University’s Student Life Counseling and Consultation Service (CCS) is here to support you. If you find yourself feeling isolated, anxious or overwhelmed, on-demand resources are available at go.osu.edu/ccsondemand. You can reach an on-call counselor when CCS is closed at 614-292-5766, and 24-hour emergency help is also available through the 24/7 National Prevention Hotline at 1-800-273-TALK or at suicidepreventionlifeline.org. The Ohio State Wellness app is also a great resource available at go.osu.edu/wellnessapp.
ACCESSIBILITY ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

Requesting accommodations

The university strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability including mental health, chronic or temporary medical conditions, please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, arrange with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. **SLDS contact information:** slds@osu.edu; 614-292-3307; 098 Baker Hall, 113 W. 12th Avenue.

Accessibility of course technology

This course requires use of CarmenCanvas (Ohio State's learning management system). If you need additional services to use these technologies, please request accommodations with your instructor.

- Canvas accessibility ([go.osu.edu/canvas-accessibility](go.osu.edu/canvas-accessibility))
- Carmen Zoom accessibility ([go.osu.edu/zoom-accessibility](go.osu.edu/zoom-accessibility))
# COURSE SCHEDULE

Refer to the Canvas for information on exams, quizzes, and discussion groups

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<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topics</th>
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<tr>
<td>1</td>
<td>1/10-1/14</td>
<td>The Exchange Economy</td>
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<tr>
<td>2</td>
<td>1/18-1/21</td>
<td>Efficiency in Exchange and Production</td>
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<tr>
<td>3</td>
<td>1/24-1/28</td>
<td>Imperfect Competition</td>
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<td>4</td>
<td>1/31-2/4</td>
<td>Anti-Trust Policy</td>
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<td>5</td>
<td>2/7-2/11</td>
<td>Imperfect Information</td>
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<tr>
<td>6</td>
<td>2/14-2/17</td>
<td>Exam I (2/14) and Externalities</td>
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<td>7</td>
<td>2/21-2/25</td>
<td>Externalities – The Coase Theorem</td>
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<tr>
<td>8</td>
<td>2/28-3/4</td>
<td>Externalities and Public Policy</td>
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<td>9</td>
<td>3/7-3/11</td>
<td>Tragedy of the Commons</td>
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<tr>
<td>10</td>
<td>3/14-3/18</td>
<td>Spring Break</td>
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<tr>
<td>13</td>
<td>4/4-4/8</td>
<td>The Welfare Theorems</td>
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<tr>
<td>14</td>
<td>4/11-4/15</td>
<td>Public Choice and Social Welfare</td>
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<td>15</td>
<td>4/18-4/22</td>
<td>Taxation and Efficiency</td>
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<tr>
<td>16</td>
<td>4/25 (last day of classes)</td>
<td>Exam III (4/25)</td>
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