

AEDECON 8201: Advanced Agricultural Economics

Spring 2021

Meeting Dates and Location: TuTh 9:10-11:00 AM EST

Course Format: DL – Course completed 100% at distance

Instructor:

Brian Roe

Roe.30@osu.edu (email preferred communication method), 614-688-5777

225 Agricultural Administration Bldg.

Office hours – by appointment

Credit Hours:

2 semester hours: 110 minutes per day, 2 days per week for 7 weeks

Pace of online activities: This course is divided into **weekly modules** that are released one week ahead of time. Students are expected to keep pace with weekly deadlines but may schedule their efforts freely within that time frame. All sessions will be held synchronously. Students can access the lectures through a Zoom link that will be posted on Carmen prior to the first day of class. The class sessions will be recorded to accommodate students with documented emergencies, illness, time zone differences or other issues. These recordings will only be released to students with these documented issues to incent students to attend synchronous sessions and discuss any missed assignments.

Credit hours and work expectations: This is a **2-credit-hour course**. According to Ohio State policy, students should expect around 4 hours per week of time spent on direct instruction (instructor content and Carmen activities, for example) in addition to 8 hours of homework (reading and assignment preparation, for example) to receive a grade of (C) average.

Prerequisites: 7140 and ECON 8714, 8732; or permission of instructor

Textbooks/Readings:

The readings for this course are scholarly articles that are sourced from many places. All course materials needed will be posted to Carmen. All required readings can be accessed at <https://carmen.osu.edu>. For help with Carmen, please contact the OSU IT Service Desk. Standard support hours are available at <https://ocio.osu.edu/help/hours>, and support for urgent issues is available 24/7. If you need additional services to use these technologies, please request accommodations with your instructor.

- Self-Service and Chat support: <http://ocio.osu.edu/selfservice>
- Phone: 614-688-HELP (4357)

- Email: 8help@osu.edu
- TDD: 614-688-8743

Optional Readings: None

Additional Required Materials: None

Course Description:

To provide students with an overview and an understanding of the theory guiding production economics as applied to agricultural problems and of the empirical methodologies used to study agricultural production problems.

This is a completely online course that will deliver all content and assignments through Ohio State's Carmen system (<https://carmen.osu.edu/>). All course requirements must be completed during the semester of offering by the due date shown on the syllabus to receive the opportunity for credit. To get started, please read the rest of the syllabus and then review the "Getting Started" module on Carmen for next steps.

Goals: The goal of this class is to introduce students to advanced concepts of Agricultural Economics and to prepare students to begin the process of conducting unique research in this field.

Learning Outcomes:

Course Learning Outcomes

As a result of taking this class, successful students will:

1. Understand the seminal literature in production economics as applied to the agricultural, environmental and development economics fields.
2. Understand the knowledge and techniques involved in production economics as applied to the agricultural, environmental and development economics fields.
3. Recommend appropriate production economics approaches for use in modeling agricultural, environmental and development economics topics

Topic/Week Outcomes

1. History of Economic Thought (LO 1)
2. History of Economic Thought (LO 1)
3. History of Economic Thought (LO 1)
4. U.S. Farm Policy (LO 1)
5. U.S. Farm Policy (LO 1)
6. Production Economics (LO 2)
7. Production Economics (LO 2)
8. Agricultural Marketing (LO 3)

How Students Meet the Outcomes: Students meet the learning outcomes by completing all assigned course readings; actively participating in all class sessions; and completing all assignments.

Course technology

For help with your password, university e-mail, [Carmen](#), or any other technology issues, questions, or requests, contact the OSU IT Service Desk. Standard support hours are available at [OCIO Help Hours](#), and support for urgent issues is available 24x7.

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Baseline technical skills for online courses

- Basic computer and web-browsing skills
- Navigating Carmen: for questions about specific functionality, see the [Canvas Student Guide](#).

Technology skills necessary for this specific course

- Zoom text, audio, and video chat
- Recording a slide presentation with audio narration
- Recording, editing, and uploading video

Required equipment

- Computer: current Mac (OS X) or PC (Windows 7+) with high-speed internet connection
- Webcam: built-in or external webcam, fully installed and tested
- Microphone: built-in laptop or tablet mic or external microphone

Required software

- Software needed for class
- [Microsoft Office 365](#): All Ohio State students are now eligible for free Microsoft Office 365 ProPlus through [Microsoft's Student Advantage program](#). Full instructions for downloading and installation is found <https://ocio.osu.edu/kb04733>.
- [Approved browsers](#):

Carmen Access

You will need to use [BuckeyePass](#) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, 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.

- 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](#) to all of 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 the IT support staff will work out a solution with you.

Instructor’s policy on late or makeup work:

Work submitted after the deadline will receive zero points (0) except in documented emergencies (illness, family emergency, etc.). Students who will or have missed class/assignments should contact their instructor to discuss any missed assignments. Approved documentation includes but is not limited to a doctor’s note, funeral pamphlet, etc.

Evaluation:

How your grade is calculated

ASSIGNMENT CATEGORY	POINTS
Paper	40
In Class Paper Discussion	60
Total	100

Description of Evaluation Activities:

Class Participation: All students are expected to attend lectures having read required materials and ready to lead class discussions and respond to questions and prompts. If you do not participate in class, you will lose up to 5% off your grade per session in which you do not participate except in the case of documented emergencies, illness or time zone differences. Students with these issues will watch recorded sessions and write a brief reflection statement on the topics covered in those sessions.

- LO Supported: 1-3

Paper: Submit a brief manuscript that connects a research interest of yours to one or more authors and one or more timepoints in the history of economic thought. If you are stuck starting this assignment, go to one of the seminal articles in a standard literature review for your topic, and see which articles it cites. Read those articles and see which articles are cited therein, and so forth. When in doubt, look for how your topic relates to topics covered by Adam Smith in *Wealth of Nations*, and trace this forward in the literature.

Grading Scale: The standard grading scale is below. If deviating from the standard grade scale, the grade scale must be complete and span the total possible grades from A to E.

<u>Percentage</u>	<u>Grade</u>	<u>Percentage</u>	<u>Grade</u>
93-100	A	73-76.9	C
90-92.9	A-	70-72.9	C-
87-89.9	B+	67-69.9	D+
83-86.9	B	60-66.9	D
80-82.9	B-	<60	E
77-79.9	C+		

COURSE POLICIES

Faculty feedback and response time

I am providing the following list to give you an idea of my intended availability throughout the course. (Remember that you can call **614-688-HELP** at any time if you have a technical problem.)

- **Grading and feedback:** For large weekly assignments, you can generally expect feedback within **7 days**.
- **E-mail:** I will reply to e-mails within **24 hours on school days**.

Attendance Policy:

All students are expected to attend lectures having read required articles and ready to participate in class discussions. If you do not participate in class, you will lose up to 1% off your grade per session in which you do not participate except in the case of excused absences.

- **Logging in: AT LEAST TWICE PER WEEK**

Be sure you are logging in to the course in Carmen each week, including weeks with holidays or weeks with minimal online course activity. (During most weeks you will probably log in many times.) If you have a situation that might cause you to miss an entire week of class, discuss it with me *as soon as possible*.

- **Office hours and live sessions: REQUIRED**

All sessions will be held synchronously and sessions will be recorded but only released to students with documented emergencies, illness, or time zone differences to encourage participation in class. If you have an excused absence that you anticipate needing a recorded version of the session, please email me at least a week in advance, if possible. Students can access synchronous lectures through a Zoom link that will be posted on Carmen prior to the first day of class.

Discussion and communication guidelines

The following are my expectations for how we should communicate as a class. Above all, please remember to be respectful and thoughtful.

Writing style:

While there is no need to participate in class discussions as if you were writing a research paper, you should remember to write using good grammar, spelling, and punctuation. Informality (including an occasional emoticon) is fine for non-academic topics.

Tone and civility:

Let's maintain a supportive learning community where everyone feels safe and where people can disagree amicably. Remember that sarcasm doesn't always come across online.

Citing your sources:

When we have academic discussions, please cite your sources to back up what you say. (For the textbook or other course materials, list at least the title and page numbers. For online sources, include a link.)

Backing up your work:

Consider composing your academic posts in a word processor, where you can save your work, and then copying into the Carmen discussion.

Written Assignments

Carmen tools will be used to detect plagiarism and deter students from engaging in academic misconduct.

Reusing past work:

In general, you are prohibited in university courses from turning in work from a past class to your current class, even if you modify it. If you want to build on past research or revisit a topic you've explored in previous courses, please discuss the situation with me.

Falsifying research or results:

All research you will conduct in this course is intended to be a learning experience; you should never feel tempted to make your results or your library research look more successful than it was.

Collaboration and informal peer-review:

The course includes many opportunities for formal collaboration with your classmates. While study groups and peer-review of major written projects is encouraged, remember that comparing answers is not permitted. If you're unsure about a particular situation, please feel free just to ask ahead of time.

UNIVERSITY POLICIES see: <https://ugeducation.osu.edu/faculty-and-staff-resources> for current versions

Academic Misconduct: It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct at [Student Life](http://studentconduct.osu.edu) <http://studentconduct.osu.edu>.

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*, 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 include:

- The Committee on Academic Misconduct web pages ([COAM Home](#))
- *Ten Suggestions for Preserving Academic Integrity* ([Ten Suggestions](#))
- *Eight Cardinal Rules of Academic Integrity* (www.northwestern.edu/uacc/8cards.htm)

Copyright disclaimer

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.

Intellectual Property (covered by copyright) includes Course materials (Text, Audio, Video, Multimedia, Sims, Apps, etc.), and Student Generated materials

Safe and Healthy Buckeyes:

Health and safety requirements: All students, faculty and staff are required to comply with and stay up to date on all university safety and health guidance (<https://safeandhealthy.osu.edu>), which includes wearing a face mask in any indoor space and maintaining a safe physical distance at all times. Non-compliance will result in a warning first, and disciplinary actions will be taken for repeated offenses."

Disability Services:

The university strives to make all learning experiences as accessible as possible. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university's request process, managed by Student Life Disability Services. 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, make arrangements 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; slds.osu.edu; 098 Baker Hall, 113 W. 12th Avenue.

Requesting accommodations

If you would like to request academic accommodations based on the impact of a disability qualified under the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, contact your instructor privately as soon as possible to discuss your specific needs. Discussions are confidential.

In addition to contacting the instructor, please contact the Student Life Disability Services at [614-292-3307](tel:614-292-3307) or ods@osu.edu to register for services and/or to coordinate any accommodations you might need in your courses at The Ohio State University.

Go to [Office of Student Life - Disability Services](#) for more information.

Accessibility of course technology

This online course requires use of Carmen (Ohio State's learning management system) and other online communication and multimedia tools. If you need additional services to use these technologies, please request accommodations with your instructor.

- [Carmen \(Canvas\) accessibility](#)
- Streaming audio and video
- Synchronous course tools
- [Definition OSU](#)
- [Overview of Accessibility at OSU](#)
- If you require specific software for the course list or provide a link to the software's accessibility privacy statements
 - [Adobe Connect \(Carmen Connect\) Accessibility Adobe Privacy Policy](#)
 - [MediaSite Accessibility Statement](#)
 - [Microsoft Office Accessibility Microsoft Office 365 Privacy](#)
 - [Proctorio Accessibility Proctorio Privacy](#)
 - [Top Hat Accessibility Top Hat Privacy](#)

UNIVERSITY RESOURCES:

Counseling and Consultation Services:

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. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life Counseling and Consultation Services (CCS) by visiting ccs.osu.edu or calling (614) 292- 5766. CCS is located on

the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. 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.

David Wirt, wirt.9@osu.edu, is the CFAES embedded mental health counselor. He is available for new consultations and to establish routine care. To schedule with David, please call 614-292-5766. Students should mention their affiliation with CFAES when setting up a phone screening.

Creating an environment free from harassment, discrimination, and sexual misconduct

The Ohio State University is committed to building and maintaining a community to reflect diversity and to improve opportunities for all. All Buckeyes have the right to be free from harassment, discrimination, and sexual misconduct. Ohio State does not discriminate on the basis of age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy (childbirth, false pregnancy, termination of pregnancy, or recovery therefrom), race, religion, sex, sexual orientation, or protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment. Members of the university community also have the right to be free from all forms of sexual misconduct: sexual harassment, sexual assault, relationship violence, stalking, and sexual exploitation.

To report harassment, discrimination, sexual misconduct, or retaliation and/or seek confidential and non-confidential resources and supportive measures, contact the Office of Institutional Equity:

- i. Online reporting form at equity.osu.edu,
- ii. Call 614-247-5838 or TTY 614-688-8605,
- iii. Or Email equity@osu.edu

The university is committed to stopping sexual misconduct, preventing its recurrence, eliminating any hostile environment, and remedying its discriminatory effects. All university employees have reporting responsibilities to the Office of Institutional Equity to ensure the university can take appropriate action:

- All university employees, except those exempted by legal privilege of confidentiality or expressly identified as a confidential reporter, have an obligation to report incidents of sexual assault immediately.
- The following employees have an obligation to report all other forms of sexual misconduct as soon as practicable but at most within five workdays of becoming aware of such information: 1. Any human resource professional (HRP); 2. Anyone who supervises faculty, staff, students, or volunteers; 3. Chair/director; and 4. Faculty member.

This course adheres to The Principles of Community adopted by the College of Food, Agricultural, and Environmental Sciences. These principles are located on the Carmen site for this course; and can also be found at <https://go.osu.edu/principlesofcommunity>. For additional information on Diversity, Equity, and Inclusion in CFAES, contact the CFAES Office for Diversity, Equity, and Inclusion (<https://equityandinclusion.cfaes.ohio-state.edu/>). If you have been a victim of or a witness to a bias incident, you can report it online and anonymously (if you choose) at <https://studentlife.osu.edu/bias/report-a-bias-incident.aspx>.

Course Schedule:

Date	Topic	Readings
1/12	Introduction	Syllabus
1/14	Pre-Smithian Economic Thought	Mehari (I – VII), Buchholz (I)
1/19	Smith and Early Classical Economists	Mehari (VIII.1 – VIII.4), Buchholz (II – IV)
1/21	Latter Classical Economists, Utilitarianism	Mehari (VIII.5 – VIII.8), Buchholz (V)
1/26	Nationalists, Socialism, Marx, Historical School	Mehari (IX-XII), Buchholz (VI)
1/28	Austrian, Marginalist, Neo-classical thought	Mehari (XIII, XIV, XVII), Buchholz (VII)
2/2	Institutionalists, Welfare Economics, Keynes	Mehari (XV, XVII, XIX), Buchholz (VIII, IX, XI)
2/4	History of US Farm Problem and Farm Policy	Gardner, Glauber and Effland
2/9	History of US Farm Policy	Sumner, Alston and Gluaber
2/11	History of Production Economics	Cobb & Douglass; Grilliches; Heady (1946); Heady (1957); Heady (1963); Johnson; Waugh
2/16	History of Production Econ	Chavas, Chambers & Pope
2/18	History of Ag Markets	Myers et al.
2/23	No Class – University Break	
2/25	Technical Change	Hayami and Ruttan (1970), Olmstead and Rhode (
3/2	Paper presentation	

Readings

Buchholz, T.G. New Ideas from Dead Economists: An Introduction to Modern Economic Thought, Revised, Updated Edition (2007), ISBN-13: 978-0452288447

Chavas, J-P, R.G. Chambers and R.D. Pope. (2011). "Production Economics and Farm Management: A Century of Contributions," *American Journal of Agricultural Economics (Centennial Edition)*, 92(2): 356-75.

Cobb, C.W. and P.H. Douglass (1928). "A Theory of Production," *Amer. Econ. Rev.* 18(1 supplement):139-165.

Gardner, BL 1992. Changing economic perspectives on the farm problem. *J. of Econ. Literature*, 30(1), 62-101.

Glauber JW, Effland A 2016. United States agricultural policy: Its evolution and impact. *Intl Food Policy Res Inst*; Jul 20.

Grilliches, Zvi (1963). "The Sources of Measured Productivity Growth: United States Agriculture, 1940-60," *J. of Political Economy*, 71(August):331-46.

Hayami, Yujiro and V.W. Ruttan (1970). "Factor Prices and Technical Change in Agricultural Development: The United States and Japan, 1880 – 1960," *J. Political Economy*, 78(Sep – Oct):1115 – 1141.

Heady, Early O. (1946). "Production Functions from a Random Sample of Farms," *J. Farm Economics*, 28(4):989 – 1004.

- Heady, Earl O. (1957). "Progress in Adjusting Agriculture to Economic Change," *J. Farm Economics*, 39(5):1336 – 1347. Also, see and read the comment by Hildreth that immediately follows (same volume, pages 1347 – 1349).
- Heady, Earl O. (1963). "Marginal Rates of Substitution Between Technology, Land and Labor," *J. of Farm Econ.*, 45(1 February):137-145.
- Johnson, Sherman E. (1957). "The Role of Production Economics in the Problem of Agricultural Adjustment," *J. Farm Economics* 39(5): 1323-1333.
- Marschak, Jacob and William H. Andrews. (1944). "Random Simultaneous Equations and the Theory of Production," *Econometrica* 12(3/4):143-205.
- Mehari, T. Y. (2002). *A short history of economic thought*.
- Olmstead, Alan L. and Paul Rhode (1993). "Induced Innovation in American Agriculture: A Reconsideration," *J. of Political Economy* 101(February):100 – 118.
- Myers, R.J., Sexton, R.J. and Tomek, W.G., 2010. A century of research on agricultural markets. *American Journal of Agricultural Economics*, 92(2), pp.376-403.
- Sumner, D.A., J.M. Alston, and J.W. Glauber. (2011). "Evolution of the Economics of Agricultural Policy," *American Journal of Agricultural Economics (Centennial Edition)*, 92(2): 403-23.
- Waugh, Frederick (1953). "Applicability of Recent Developments in Methodology to Agricultural Economics," *J. Farm Economics* 35(5):692-706.