

# AEDECON 6330: Benefit-Cost Analysis

Autumn 2021

## Meeting Dates and Location:

Tuesday & Thursdays 2:20-3:40pm in Kottman 102

## Course Format:

In-person. Note, we will do our best to livestream lectures on Zoom and post recordings in the cloud.

## Course Zoom link:

<https://osu.zoom.us/j/96898653487?pwd=WHgwRzVSRDh1SmxiakUxQ2pueTNqQT09>

Meeting ID: 968 9865 3487

Password: 331022

## Instructor

Dr. Daniela Miteva

Email: [Miteva.2@osu.edu](mailto:Miteva.2@osu.edu) (preferred method of communication)

Office: Agricultural Administration Bldg #325

Phone: 614-292-5786<sup>1</sup>

Office hours: By appointment only – email instructor to schedule a Zoom meeting

Office hours link: <https://osu.zoom.us/j/98537421328?pwd=ZjBQclpxbHpJZWY1TTZWa0lVNkVpZz09>

Meeting ID: 985 3742 1328

Password: 334345

## Teaching assistant:

Jiseon Choi

Email: [choi.1546@buckeyemail.osu.edu](mailto:choi.1546@buckeyemail.osu.edu)

Office hours: Thursdays 9-10am and by appointment

Office hours link: <https://osu.zoom.us/j/94982857806?pwd=YWJDY1JIRThGdDNpbUpqMVFBYjF0Zz09>

Meeting ID: 949 8285 7806

Password: 6330

## Credit Hours:

**3 semester hours: 80 minutes per day, 2 days per week**

**Credit hours and work expectations:** This is a **3-credit-hour course**. According to [Ohio State policy](#), students should expect around 3 hours per week of time spent on direct instruction (instructor content and Carmen

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<sup>1</sup> Please do not call me as I hardly ever pick up my phone; if you would like to speak with me, please email me to schedule a Zoom call

activities, for example) in addition to 6 hours of homework (reading and assignment preparation, for example) to receive a grade of (C) average.

Students are encouraged to attend all live lectures (in person or over Zoom) except in the case of emergencies, illness, or time zone differences. We are going to livestream lectures on Zoom and post recordings.

**Prerequisites:** Math 1131 or 1151.

### **Textbooks/Readings:**

Readings from variety of sources will be placed on Carmen. There is no required textbook for the course

### **Optional Readings:**

1. Anthony Boardman, David Greenberg, Aidan Vining and David Weimer, *Cost-Benefit Analysis: Concepts and Practice*, 5th edition, Prentice Hall, 2017. ISBN-13: 978-1108401296
2. Roger Perman, Yue Ma, James McGilvray, Michael Common, *Natural Resource and Environmental Economics*, 4<sup>th</sup> Edition, Pearson, 2012. ISBN-13: 978-0321417534
3. Champ, Boyle, and Brown (2017). *A Primer on Non-Market Valuation*. Available online through OSU libraries
4. Freeman, Herriges & Kling (2014). *The measurement of environmental and resource values theory and methods*. 3rd Edition. Available here: <http://econonse.org/wp-content/uploads/2016/07/Freeman-Herriges-Kling-2014.pdf>

**Additional Required Materials:** Access to Stata BE **16 or higher**

**Other Fees or Requirements:** None

### **Course Description:**

The course covers calculus-based benefit-cost analysis theory and methods and their application to projects pertaining to public infrastructure, agriculture, the environment, natural resources, and human health. It aims to:

- Foster familiarity with Cost-Benefit Analysis (CBA), its applications, advantages, and disadvantages
- Allow students to apply CBA theory and tools to real-life problems
- Teach students to communicate findings clearly and provide recommendations to a variety of audiences.

### **Course Learning Outcomes (LO):**

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

1. Explain differences in benefit-cost principles and approaches;
2. Understand the link between economic theory and implementation of benefit-cost analysis;
3. Conduct benefit-cost analysis to analyze a real-world policy issue;
4. Be competent in data manipulation and statistical analysis of data in support of benefit-cost analysis.

## Topic/Week Outcomes

1. Introduction to Benefit-Cost (LO 1,2)
2. Overview of Benefit-Cost (LO 1,2)
3. Welfare principles and metrics (LO 1,2,3)
4. Discounting (LO 1,2,3)
5. Types of values and overview of approaches for non-market valuation (LO 1,2,3)
6. Review and Exam 1 (LO 1,2,3,4)
7. Revealed Preference: Hedonics (LO 1,2,3)
8. Revealed Preference: Health (LO 1,2,3)
9. Revealed Preference: RUM Models (LO 1,2,3)
10. Stated Preference and Contingent Valuation (LO 1,2,3)
11. Benefit transfer methods
12. Energy and Renewable Resources (LO 1,2,3)
13. Case Study: Water Quality and Water Access (LO 1,2,3,4)
14. Case Study: Habitat Protection
15. Exam 2 Review (LO 1,2,3,4)
16. Review and ways forward (LO 2,3)

**How Students Meet the Outcomes:** Students meet the learning outcomes by completing all assigned course readings; actively listening to all lectures; completing all assigned course work; and completing both exams.

## Evaluation:

### How your grade is calculated

ASSIGNMENT CATEGORY	POINTS
<b>Homework Activities (4 homework assignments)</b>	15 points each, 60 points total
<b>Exams (2 @ 20 points each)</b>	20 points each, 40 points total
<b>Total</b>	<b>100</b>

*See course schedule above for due dates.*

## Description of Evaluation Activities:

**Homework Activities:** Four homework assignments will be made available through Carmen throughout the semester and will provide real-world scenarios for which students must apply various benefit-cost techniques and concepts. Homework assignments will be posted on Carmen a week in advance and due by the start of class on the date they are due. They are meant to be completed independently by students.

- LO Supported: 1,2,3,4
- Rubric: Students will receive full points if all relevant frameworks are used to analyze homework problems. Partial credit will be given proportional to the amount of correct work provided to answer the question.

**Exams:** Two cumulative exams will be held throughout the semester. These exams will have students apply concepts that have been taught throughout the course through the date of the exam being given. The exams will be available via Carmen at a time that will be announced in class. Both exams must be submitted via Carmen by the end of the testing period. Both exams will be take-home and open book.

- LO Supported: 1,2,3,4
- Rubric: 2 points for each correct question. Partial credit will be applied to answers that are partially correct.

### Policy on late or makeup work:

All assignments as electronic copies are due on the date announced on Carmen and may be submitted via the Carmen Dropbox. Unless a student has obtained an **explicit** extension from me, any late assignment will have 10% deducted each day it is late (including weekends), except in the case of documented, approved emergencies (sickness, etc.). An assignment is considered late when it is submitted after the stated deadline. At my discretion, exceptions may be made for emergencies or other well-documented issues. These exceptions are easiest to make when you notify me before the deadline. No assignment will be accepted after everyone else's assignments have been graded and returned, except in the case of a documented emergency or illness.

**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+		

### Tentative Course Schedule:

<b>INSTRUCTIONAL WEEK</b>	<b>DATE</b>	<b>TOPICS, ASSIGNMENTS, DEADLINES, EVENTS, TOPIC OUTCOME</b>
1	8/24	<b>INTRODUCTION AND SYLLABUS</b>
1	08/26	<b>MICROECONOMICS REVIEW</b>
2	08/31-09/02	<b>OVERVIEW OF BENEFIT-COST</b>
3	09/07-09/09	<b>WELFARE PRINCIPLES AND METRICS</b>
4	09/14-09/16	<b>DISCOUNTING HW1 DUE 09/20 BY 11:59PM</b>
5	09/21-09/23	<b>TYPES OF VALUES AND OVERVIEW OF APPROACHES FOR NON-MARKET VALUATION</b>
6	09/28-09/30	<b>REVIEW AND EXAM 1 EXAM 1 DUE 09/30 BY 11:59PM</b>
7	10/05-10/07	<b>REVEALED PREFERENCE: HEDONICS</b>

**HW2 DUE 10/12 BY 11:59PM**

8	10/12-10/19	<b>REVEALED PREFERENCE: HEALTH</b>
9	10/21-10/26	<b>REVEALED PREFERENCE: RUM MODELS</b>
		<b>HW3 DUE 10/29 BY 11:59PM</b>
10	10/28-11/02	<b>STATED PREFERENCE AND CONTINGENT VALUATION</b>
11	11/04-11/09	<b>BENEFIT TRANSFER METHODS</b>
12	11/16	<b>CASE STUDY: ENERGY AND RENEWABLE RESOURCES</b>
		<b>HW4 DUE 11/18 BY 11:59PM</b>
13	11/18-11/23	<b>CASE STUDY: WATER QUALITY AND WATER ACCESS</b>
13	11/30	<b>CASE STUDY: HABITAT PROTECTION</b>
14	12/02	<b>OPTIONAL REVIEW FOR EXAM 2</b>
14	12/07	<b>WAYS FORWARD</b>
		<b>EXAM 2 DUE 12/08 BY 11:59PM</b>

## 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.

- **[Self-Service and Chat support](http://ocio.osu.edu/selfservice)**: (<http://ocio.osu.edu/selfservice>)
- **Phone**: 614-688-HELP (4357)
- **Email**: [8help@osu.edu](mailto:8help@osu.edu)
- **TDD**: 614-688-8743

## 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

- Stata 16/BE or higher. Students are required to purchase a 6-month student license (\$48) and install Stata on their computers. Exposure to this software will help demonstrate your ability to learn multiple systems to future providers. If you are experiencing significant financial challenges as a result of purchasing this software, please reach out to Sarah Kreidinger.1 with your concern. <https://www.stata.com/order/new/edu/gradplans/student-pricing/>
- [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](#): My recommendation is that students use Chrome or Firefox. My personal experience has been that the OSU systems don't work well with Safari regardless of the version.

## 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.

## 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 assignments, you can generally expect feedback within **14 days**.
- **E-mail:** I will reply to e-mails within **48 hours on school days**.
- **Discussion board:** I will check and reply to messages in the discussion boards every **48 hours on school days**.

### Attendance Policy:

Attendance is a critical part of your success. While it is not mandatory and graded, it is strongly encouraged either in person or over Zoom.

### 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: *Optional or flexible*

For in-person classes, I will livestream the session over Zoom and provide a recording that you can watch later in the event that you cannot attend. Attendance for live presentations is heavily encouraged for all students, as it provides the opportunity for real-time feedback and answering of questions, contributing greatly to student success. If you have questions outside of class, please contact me at the beginning of the week if you need a time outside my scheduled office hours.

### 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:**  
All figures and tables should be properly captioned in a Word document and referenced in the text. 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. If using Statistical software like Stata that allows you to save log files, make sure you select that option.

- **Exams:**

You must complete the midterm exams yourself, without any external help or communication. Weekly quizzes will be administered on Carmen as self-checks without points attached.

### **Written assignments:**

You are allowed to work together on homework assignments in a small group of up to 3 people. If you choose to work together, there are a few rules that you will need to follow:

- (i) Indicate clearly on the front-page of your assignment or Stata log file all the members of your group.
- (ii) While you may work together on the Stata portion of the homework, but you must turn in your own Stata files and write-ups in your **own words** (no dictations, please!). Do not write the answers as a group and then just cut and paste them into your own homework. Discuss your thoughts with the group and then write your answers in your own words. Note that Carmen tools will be used to detect plagiarism.

### **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.

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

### **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.

### **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](http://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

## 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 ([slds.osu.edu/covid-19-info/covid-related-accommodation-requests/](https://slds.osu.edu/covid-19-info/covid-related-accommodation-requests/)), 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](mailto:slds@osu.edu); 614-292-3307; [slds.osu.edu](https://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:6142923307) or [ods@osu.edu](mailto: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](#)

## **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:

1. Online reporting form at [equity.osu.edu](http://equity.osu.edu),
2. Call 614-247-5838 or TTY 614-688-8605,
3. Or Email [equity@osu.edu](mailto: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>.

## **Diversity statement**

The Ohio State University affirms the importance and value of diversity of people and ideas. We believe in creating equitable research opportunities for all students and to providing programs and curricula that allow our students to understand critical societal challenges from diverse perspectives and aspire to use research to promote sustainable solutions for all. We are committed to maintaining an inclusive community that recognizes and values the inherent worth and dignity of every person; fosters sensitivity, understanding, and mutual respect among all members; and encourages each individual to strive to reach their own potential. The Ohio State University does not discriminate on the basis of age, ancestry, color, disability, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, gender, sexual orientation, pregnancy, protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment.

To learn more about diversity, equity, and inclusion and for opportunities to get involved, please visit:

<https://odi.osu.edu/>

<https://odi.osu.edu/racial-justice-resources>

<https://odi.osu.edu/focus-on-racial-justice>

<http://mcc.osu.edu/>

## 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](http://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](http://suicidepreventionlifeline.org).

David Wirt, [wirt.9@osu.edu](mailto: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.

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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](http://equity.osu.edu),
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