Course Syllabus

Jump to Today   ✎ Edit

Impacts of Covid-19: *Delivery of some externally provided training and certification normally included on the course curriculum has been made more complicated by Covid. We are currently negotiating with the Ohio Forestry Association around delivery of chainsaw training. We are currently working with the Ohio Department of Agriculture to try and offer an exam on-campus likely at the end of the semester. This will again be subject to the status of Covid and OSU policies.*

Important Note: This course will be delivered in person in an outdoor classroom. Students should follow all University and course policies designed to protect them, their classmates and their community from Covid-19. Students failing to adhere to these policies will be removed from the class. A page describing Covid-related policies and advice for this course is provided for your reference.

Important Note: This course will involve using hazardous equipment such as hand tools, powered machinery and herbicides. Extreme care must be taken when using such tools. You will be given a full safety briefing and training prior to their use which must be followed. **Students failing to operate tools in a safe and responsible manner may be removed from participation and will fail the course**

Course Overview

Course description: Developing workable solutions to restoration challenges, and understanding the ecological dynamics of systems undergoing restoration, requires a thorough appreciation of the techniques involved in restoration and the constraints on their application. This course aligns our specialization with the Society for Ecological Restoration's statement that programs should train "professionals who understand not only the science of restoration ecology *but also the management practices* and social factors that lead to successful project implementation". This course will provide students with the opportunity to develop practical skills relevant to restoration ecology. The course will introduce students to key skills including: ecological mapping and monitoring, manual and chemical techniques for invasive control, out-planting of native species, seed collection, plant propagation, ground preparation and erosion control. As part of the course, students will complete training in pesticide safety and application, and will complete training and assessments that will provide them with Occupational Health and Safety certification for key tasks

Prerequisites: ENR 3800 *[Principles and Tools of Ecosystem Restoration] or permission from the instructor.*

Course aims

The aims of the course are to:

- Utilize key restoration tools and interventions, and consider their ecological outcomes, in a case-study ecosystem
- Discuss the logistical, practical, financial and ecological constraints on restoration projects

- Explore the concept of "Adaptive Management" as it pertains to ecosystem restoration including the development of project objectives, choice of interventions, monitoring to detect change and reevaluation of future management
- Consider the philosophical and ecological concepts which underpin decision-making in ecosystem restoration

Teaching methods

This is a service-learning course that teaches practical field skills Students will be working in the field, lab or greenhouse for the majority of the course. Key skills will be introduced and demonstrated in the field before students are given the opportunity to apply them in a safe and effective manner. Students will be required to reflect on the complexities, pitfalls, errors or issues inherent in the application of key restoration techniques.

Intended Learning Outcomes

By the end of this course students will be able to:

1. Describe and implement key practical techniques used during ecosystem restoration
2. Safely and effectively use hand tools during site restoration
3. Safely and effectively apply herbicides to control invasive species
4. Prepare sites, select and out-plant appropriate native species
5. Assess challenges associated with the implementation of site restoration management plans
6. Design and complete field monitoring to assess the effectiveness of restoration treatments

Course Schedule

Course dates and times

- The course will run from **August 26th 2022 to December 2nd 2022**
- Classes are scheduled on **Fridays between 9:10 am and 1:20 pm**.
  - *Class will commence at 9:10am prompt and students should be on-site by 8:50 am*
- The week-to-week curriculum is shown below - this may be subject to change.

Course location

- **Weeks 1-2 and 4-15:** Meet in the car park for the the Poultry Brooding House ⤢ (https://www.google.com/maps/place/Poultry+Brooding+House+2,+722+W+Lane+Ave,+Columbus,+OH+43221/@40.0072318 3.0296082) at the Chadwick Arboretum North. The address is: The Nationwide & Ohio Farm Bureau 4-H Center, 2201 Fred Taylor Dr, Columbus
  - Directions can be found here: https://bit.ly/2JfsK4F ⤢ (https://bit.ly/2JfsK4F)

  - Download a parking permit for the 4H Center ↓ (https://osu.instructure.com/courses/129437/files/44546941/download?download_frd=1)
- **Week 3:** Pesticide training - venue to be confirmed

Course curriculum

Exact order of classes may be altered due to weather conditions and phenological considerations.

Wk	Date	Class topic	Skills introduced
1	26/Aug	Course introduction	Overview of course structure and reconnaissance of restoration site.
2	2/Sep	Site mapping and scoping (1)	Three modules: ■ Topographic surveying and section drawing ■ Using a GPS, creating restoration maps and plan seeding and planting ■ Broad-scale vegetation classification and metho long-term vegetation monitoring.
3	9/Sep	Pesticide Training**	Use and application of herbicides to control invasive species.
4	16/Sep	Site mapping and scoping (2)	Continue rotation through remaining modules
5	23/Sep	Site mapping and scoping (3)	
6	30/Sep	Invasive species and vegetation management (1)	Two modules covering: ■ Control of woody invasive species ■ Prairie and grassland management ■ Using hand and power tools and herbicides to c vegetation.
7	7/Oct	Native seed collection and processing	**ALL DAY fieldtrip** to Coyote Run for native seed collection workshop
8	14/Oct	FALL BREAK	NO CLASS THIS WEEK
9	21/Oct	Invasive species and vegetation management (2)	Continue rotation through modules
10	28/Oct	Applying seed mixes in the field	Ground preparation, calculating seeding rates and

	26/Oct	Applying seed mixes in the field	seeding using manual broadcasting methods.
11	4/Nov	Erosion control	Applying mulch, erosion matting and constructing si fences. Monitoring erosion.
12	11/Nov	Veteran's Day	NO CLASS
13	18/Nov	Outplanting woody vegetation	Planting and protecting woody vegetation (trees and shrubs).
14	25/Nov	THANKSGIVING BREAK	NO CLASS
15	2/Dec	Final report workshop	Open session for mentoring/guidance on data analy for final report (ZOOM)

** Details and location to follow - for those with a verifiable reason attendance is not possible a recording will be available. All students MUST complete the pesticide training to progress further in the course

Assessment

Your final grade will consist of the following elements:

Quizzes 20% (due each week)

- Multiple-choice quizzes on skills and techniques will be posted on Carmen at the end of most weeks. You will have three days to complete and submit each quiz. Your worst two quiz grades will be dropped.

Pesticide Mock Exam 5% (due week 3)

A stand-alone quiz mimicking the formal ODA exam will be posted following completion of the pesticide training in Week 3.

Reflective skills diary 25% (due each week)

- Each week you will submit ca. 300 word reflective skills diary entry.

- Your skills diary will provide documentary evidence of the tasks you've completed, knowledge you've gained and skills you've acquired on each day of the course. This should include consideration of their importance in the context of restoration ecology. You should also critically consider their ecological justification through reference to relevant scientific literature.
- The diary will thus give you the opportunity to describe key practical techniques you've learnt (ILO 1); provide

evidence that you are aware of the safety considerations of key restoration techniques (ILOs 2-4); and show you know how to efficiently outplant native plant materials (ILO 5).

- An example of a skills diary entry ↓ (https://osu.instructure.com/courses/129437/files/44546994/download? download_frd=1) is provided.
- Your two lowest scores will be dropped

Completion of Ohio Forestry Association Chainsaw Training 5% (week t.b.c.)

- Two, one-day chainsaw training events will be held on a weekend to be confirmed. Student MUST attend one of these training sessions.

Occupational Health and Safety Training 10% (due in weeks 3, 5 and 8)

- Students MUST complete required OSU OHS training prior to engaging in any associated activities in the field. Training courses are accessed through OH: https://ehs.osu.edu/occupational-health-and-safety-training ↗ (https://ehs.osu.edu/occupational-health-and-safety-training) . You must demonstrate completion of the following courses by the given dates:
    - Worker Protection Standard (Pesticide Handler) - due week 3
    - Hand and Power Tool Safety - due week 5
    - Worker Protection Standard (Worker) - due week 8

Risk assessment 5% (due week 7)

- Using a standardized template and referring to a provided example, students will prepare a risk assessment for a restoration workday focused on invasive species control where hand tools and herbicides will be used.

Site Scoping Project Write Up 30% (Group project - due during exam week)

- Using data and skills developed during the course, and information compiled through group work carried out outside of class time, students will provide a site scoping report for the restoration site that includes:
    - A section drawing and map of the restoration site showing its intended ecological structure and the location of treatment areas.
    - Results of baseline vegetation monitoring surveys.

Letter grades will be returned for most assessments with scores given as follows: A (100-93%); A-(92-90%); B+ (89-87%); B (86-83%); B-(82-80%); C+ (79-77%); C (76-73%); C-(72-70%); D+ (69-67%); D (66-60%); E (below 60%).

Extra credit will be awarded for:

- Exemplary attendance records (100%; 1 point)
- Providing evidence of participating in relevant additional activities outside the classroom (e.g. tree planting or invasive removal volunteer events - 1 point per event).

- Completion of other relevant OSU OHS training courses (1 point per course; 2 points max)
- Attending the Pesticide License Exam organized by the Ohio Department of Agriculture (1 point for attending, 5 points for passing)
- Participation in the Environmental and Social Sustainability Research Experience Program (2 points max; see details at end of syllabus)

- A maximum of 5 points of extra credit, NOT including the 1/5 points offered for taking/passing the pesticide license exam, can be applied to your final grade

Deadlines and penalties

- Students may be granted an extension to the deadline if a good reason is given. Extensions will not be given in retrospect. A penalty of 5% per incomplete assessments will be applied to your final grade.
- Participation is a critical component of this course. Unexcused absences resulting in an attendance record of <80% will result in a 10 point penalty to your final grade
- Unless there are exceptional circumstances, failing to attend an externally organized training session (e.g. pesticide and chainsaw training, pesticide license exam) without providing > 24 hours notice will result in a 10 point penalty to your final grade.

Plagiarism

The University's degrees and other academic awards are given in recognition of a student's personal achievement. All work submitted by students for assessment is accepted on the understanding that it is the student's own effort.

Plagiarism is defined as the submission or presentation of work, in any form, which is not one's own, without acknowledgement of the sources. Plagiarism includes inappropriate collaboration with others. Special cases of plagiarism can arise from a student using his or her own previous work (termed auto-plagiarism or self-plagiarism). Auto-plagiarism includes using work that has already been submitted for assessment at this University or for any other academic award.

The incorporation of material without formal and proper acknowledgement (even with no deliberate intent to cheat) can constitute plagiarism. Work may be considered to be plagiarised if it consists of:

- a direct quotation;
- a close paraphrase;
- an unacknowledged summary of a source;
- direct copying or transcription.

With regard to essays, reports and dissertations, the rule is: if information or ideas are obtained from any source, that source must be acknowledged according to the appropriate convention in that discipline; and any direct quotation must be placed in quotation marks and the source cited immediately. Any failure to acknowledge adequately or to cite properly other sources in submitted work is plagiarism.

Plagiarism is considered to be an act of fraudulence and can result in a charge of academic misconduct. More information on avoiding plagiarism can be found here: http://library.osu.edu/projects-initiatives/copyright-resources-center/using-materials/plagiarism ☒ (http://library.osu.edu/projects-initiatives/copyright-resources-center/using-materials/plagiarism)

Course Reading

The following texts are recommended for this course:

Apfelbaum S.I. & Haney A.W. (2012) Restoring Ecological Health to Your Land. Washington D.C., Island Press.

Packard S., Mutel C.F. & Jordan W.R. (2006) The Tallgrass Restoration Handbook: For Prairies, Savannas, and Woodlands. Washington D.C., Island Press.

Recommended additional reading

Kurtz C. (2013) A Practical Guide to Prairie Reconstruction. Iowa City, University of Iowa Press.

Williams B.K., Szaro R.C., & Shapiro C.D. (2009) Adaptive Management: The U.S. Department of the Interior Technical Guide. Washington, DC., U.S. Department of the Interior. Available from: http://www.doi.gov/initiatives/AdaptiveManagement/TechGuide.pdf ⬀ (http://www.doi.gov/initiatives/AdaptiveManagement/TechGuide.pdf)

Additional papers, reports and multi-media resources relevant to the restoration tools described on the course will be provided on Carmen. You are strongly recommended to read them and to consider the results and concepts they discuss. These resources should be taken as a starting point for further reading not as an exhaustive list.

Fieldwork Safety

Safety during fieldwork is the prime responsibility of the individuals undertaking the fieldwork. Safe conduct extends to journeys to and from field locations. Responsible and careful behaviour is thus an obligation for all students at all times. Infringement of this safety code, or indulging in any activity which is prejudicial to safety during a field course, will be regarded as a very serious matter.

Specifically all students must:

1. Ensure they have read the risk assessments before fieldwork commences. Risk assessments will be available on Carmen and will be distributed at the start of the course.
2. Obey all safety instructions given by the course convener, land/property managers and external training experts.
3. Wear appropriate clothing for the type of weather and terrain likely to be encountered. For any research in which fieldwork is conducted in the countryside the following guidelines should be followed. Wind and waterproof outer jacket and trousers are necessary. Walking should be worn for work off surfaced roads or paths. An appropriate number of layers of warm clothing and waterproofs should be taken.
4. When working in hot and sunny conditions, ensure you have a plenty supply of fluid, and take care to avoid exposure to strong sun – wear sunscreen and a hat
5. If instructed to do so, wear required personal protective equipment in the field until such time as the responsible party instructs that it is safe to remove them.
6. Report any injury or illness to the course convener immediately, however trivial.

7. Inform the course convener about any prior illness or medical condition which might re-occur during the fieldwork. It is the student's responsibility to ensure that they have an up-to-date record of vaccination cover (such as for tetanus).
8. Conduct themselves properly and with respect for others whilst in field residences or host organisation. Anti-social behavior is likely to lead to deterioration in safety and will not be tolerated. Follow rules and guidelines

given by property owners or managers.

Disabilities Statement

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. You are also welcome to register with Student Life Disability Services to establish reasonable accommodations. 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 (Links to an external site.); 098 Baker Hall, 113 W. 12th Avenue.

Counseling and Consultation Services/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. 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 (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.

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,
2. Call 614-247-5838 or TTY 614-688-8605,
3. 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 ⬀ (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 ⬀ (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 ⬀ (https://studentlife.osu.edu/bias/report-a-bias-incident.aspx) .

Questions, Advice and Suggestions

Specific questions regarding course assessments and organization can be directed to either of the course leaders. Questions about content, technical questions about assessments or for help understanding materials covered should be directed to the relevant instructor.

Course leader	Course TA (Wed)	Course TA (Fri)
Dr. G. Matt Davies		
412B Kottman Hall		
Tel: 614 292 3567	Katie Gaffney	Adriana Dacres
E-mail: davies.411@osu.edu (mailto:davies.411@osu.edu)		

We welcome suggestions for improving this course! Any questions or concerns regarding the course should be directed to Matt Davies. If this is not possible, or desirable, comments concerning the course should be raised with your academic advisor.

Environmental and Social Sustainability Research Experience Program (ESSREP)

The goal of ESSREP is to enhance student's understanding of social scientific research methods and help apply class lessons to their lives. As a way to gain extra credit for this class you can get hands-on experience participating in research studies conducted by Faculty and Graduate Students in the Environmental and Social Sustainability (ESS) Lab in SENR. Research studies may take the form of online or in-person surveys, interviews, or focus groups and will be related to a current research in a variety of topics in resource management, environmental science, psychology, and rural sociology.

In order to sign up for research opportunities you will first need to create a Sona account using your .osu email address at https://osu-essrep.sona-systems.com. You will then be able to view and sign up for studies and monitor your credit accumulation through Sona Systems. Please see our website https://ess.osu.edu/subject-pool/research-option for more detailed sign-up instructions, credit amounts, policies, and Frequently Asked Questions.

If you do not wish to participate in research OR are under the age of 18, a written assignment alternative is also available. Papers will be based on approved research articles and due at set dates throughout the semester. See our website https://ess.osu.edu/subject-pool/papers-option for grading criteria and other information about the ESSREP paper option. If you wish to select the paper option, enroll by emailing the lab manager at eilers.14@osu.edu by September 4th.

A total of up to 2 research credits will be possible as extra credit for this course, constituting up to 2% bump to your final grade

If you have any questions about the research or paper options, or encounter difficulties with Sona systems please contact the lab manager Ellen Eilers at: eilers.14@osu.edu. Your instructors and TAs do not have access to Sona systems and will not be managing the paper option; please direct all ESSREP-related questions to the lab manager.

Course Summary:

Date	Details	Due
Wed Dec 4, 2019	📄 Section Drawing Assignment	to do: 11:59pm
	📄 Site Mapping Assignment	to do: 11:59pm
	📄 Vegetation Assessment	to do: 11:59pm
Tue Oct 20, 2020	🚀 Week 6-8 - Quiz: Seed Collection (https://osu.instructure.com/courses/129437/assignments/2965395)	due by 11:59pm
	📝 Week 6-8 - Reflective Skills Diary: Seed Collection (https://osu.instructure.com/courses/129437/assignments/2965425)	due by 11:59pm

Date	Details	Due
Sun Oct 25, 2020	📝 **Risk Assessment** (https://osu.instructure.com/courses/129437/assignments/2965413)	due by 11:59pm
Tue Oct 27, 2020	🚀 **Week 9 - Quiz: Seed Cleaning and Processing** (https://osu.instructure.com/courses/129437/assignments/2965406)	due by 11:59pm
	📝 **Week 9 - Reflective Skills Diary: Seed Processing and Planting** (https://osu.instructure.com/courses/129437/assignments/2965427)	due by 11:59pm
Fri Dec 4, 2020	📝 **Final Project - Site Scoping Report** (https://osu.instructure.com/courses/129437/assignments/2965409)	due by 11:59pm
Thu Sep 1, 2022	🚀 **Week 1 - Quiz: It's in the syllabus!** (https://osu.instructure.com/courses/129437/assignments/3051346)	due by 11:59pm
	📝 **Week 1 - Reflective Skills Diary: Site Introduction and Scoping** (https://osu.instructure.com/courses/129437/assignments/2965419)	due by 11:59pm
Sun Sep 11, 2022	📝 **OHS Worker Protection Standard Certificate Upload - Pesticide Handler** (https://osu.instructure.com/courses/129437/assignments/2965411)	due by 11:59pm
Thu Sep 22, 2022	🚀 **Week 3 - Pesticide License Mock Exam** (https://osu.instructure.com/courses/129437/assignments/2965402)	due by 11:59pm
	📝 **Week 3 - Reflective Skills Diary: Pesticide Training** (https://osu.instructure.com/courses/129437/assignments/2965420)	due by 11:59pm
Sun Sep 25, 2022	📝 **OHS Training Certificate Upload - Hand and Power Tool Safety** (https://osu.instructure.com/courses/129437/assignments/2965410)	due by 11:59pm
Sun Oct 16, 2022	📝 **OHS Worker Protection Standard Certificate Upload - Worker** (https://osu.instructure.com/courses/129437/assignments/2965412)	due by 11:59pm

Date	Details	Due
	📝 Chainsaw Training (https://osu.instructure.com/courses/129437/assignments/2965407)	
	📝 Extra Credit (https://osu.instructure.com/courses/129437/assignments/2965408)	
	📝 Roll Call Attendance (https://osu.instructure.com/courses/129437/assignments/2965414)	
	🚀 Week 10 - Quiz: Applying Seed Mixes in the Field (https://osu.instructure.com/courses/129437/assignments/2965403)	
	📝 Week 10 - Reflective Skills Diary: Applying Seed Mixes in the field (https://osu.instructure.com/courses/129437/assignments/2965415)	
	🚀 Week 11 - Quiz: Erosion Control (https://osu.instructure.com/courses/129437/assignments/2965396)	
	📝 Week 11 - Reflective Skills Diary: Erosion Control (https://osu.instructure.com/courses/129437/assignments/2965416)	
	🚀 Week 12 - Quiz: Out-planting Woody Vegetation (https://osu.instructure.com/courses/129437/assignments/2965405)	
	📝 Week 12 - Reflective Skills Diary: Out Planting Woody Vegetation (https://osu.instructure.com/courses/129437/assignments/2965417)	
	🚀 Week 13 - Quiz: Direct Seeding and Woody Out-planting 2 (https://osu.instructure.com/courses/129437/assignments/2965404)	
	📝 Week 13 - Reflective Skills Diary: Direct Seeding and Woody Out-planting 2 (https://osu.instructure.com/courses/129437/assignments/2965418)	

Date	Details	Due
	🚀 Week 2-5 - Quiz: Baseline Vegetation Monitoring (https://osu.instructure.com/courses/129437/assignments/2965401)	
	🚀 Week 2-5 - Quiz: GPS Mapping (https://osu.instructure.com/courses/129437/assignments/2965394)	
	📝 Week 2-5 - Reflective Skills Diary: Baseline Vegetation Monitoring in Restoration (https://osu.instructure.com/courses/129437/assignments/2965421)	
	📝 Week 2-5 - Reflective Skills Diary: Topographic Surveying (https://osu.instructure.com/courses/129437/assignments/2965422)	
	📝 Week 2-5 - Reflective Skills Diary: Using a GPS (https://osu.instructure.com/courses/129437/assignments/2965423)	
	📝 Week 6-8 - Reflective Skills Diary: Seed Collection (https://osu.instructure.com/courses/129437/assignments/2965426)	
	🚀 Week 6-9 - Quiz: Controlling Invasive Species (https://osu.instructure.com/courses/129437/assignments/2965398)	
	📝 Week 6-9 - Reflective Skills Diary: Controlling Invasive Species (https://osu.instructure.com/courses/129437/assignments/2965424)	
	🚀 Week 7/9 - Quiz: Seed Collection (https://osu.instructure.com/courses/129437/assignments/2965400)	
	🚀 Week 7/9 - Quiz: Seed Processing (https://osu.instructure.com/courses/129437/assignments/2965399)	
	📝 Week 9 - Reflective Skills Diary: Seed Processing and Planting (https://osu.instructure.com/courses/129437/assignments/2965428)	

Date	Details	Due
	🚀 Weeks 2-5 - Quiz: Topographic Surveying (https://osu.instructure.com/courses/129437/assignments/2965397)	14/14