

Texas A&M University-Commerce
AMC 423 – Natural Resources Management
COURSE SYLLABUS: Fall 2016

Instructor: Christina Clark, Adjunct

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Communication Response Time: Within 24 hours (48 hours during weekends & holidays).

Office Hours: ** By Appointment

Office: AGIT 252B

COURSE INFORMATION

Course: AMC 423 – Natural Resources Management

Class Section: 01W (Online)

Hours: 3.0

Description: An investigation of best management practices and conservation techniques used by land owners and managers to protect renewable natural resources from intensive agricultural production methods. Emphasis will be on preventing soil loss and contamination, maintaining water quality, and protecting wildlife habitat.

**Prerequisites: Junior standing or instructor approval.

Course Rationale: This course deals with a variety of issues related to the management of renewable natural resources and the impact of agricultural enterprises on the environment. Among the major concepts included are renewable natural resource conservation, water protection, and appropriate land use. The course will utilize ecological and sustainable perspectives, where applicable.

Course concepts will emphasize these themes:

- Perspectives of Ecology, Conservation, and Sustainability
- Soil and Water Conservation and Protection
- Livestock and Poultry Waste Management
- Wildlife, Timber, and Farm Pond Management
- Regulations, Permits, and Governmental Agencies

Syllabus/schedule subject to change

Textbook(s) Required: No text required. However, students will have to access and print or download reports, bulletins, and other publications from the Internet. Students may have to download the latest version of some software including Adobe Acrobat Reader, Window Media Player, Microsoft Office and QuickTime in order to access course resources. If students experience difficulties with specific technology requirements, IT Support Services can be reached at 903-468-6000 or helpdesk@tamuc.edu.

Course Objectives

Upon completion of this course the student will be able to:

1. Describe examples of how production agriculture impacts the environment.
2. Compare various perspectives of natural resources management.
3. Describe the environmental, economic, social, and regulatory issues that influence NRM perspectives.
4. Recognize the interrelationships of organism within the ecosystem.
5. Understand the levels of ecological development.
6. Interpret illustrations of nutrient cycles.
7. Describe factors contributing to soil erosion.
8. Define components and characteristics of soils.
9. Recognize signs and types of soil erosion.
10. Identify erosion prevention practices.
11. Match land capability classes with appropriate production type or land use.
12. Identify factors contributing to watershed degradation.
13. Describe management practices used to prevent watershed degradation.
14. Utilize web-based resources to identify characteristics and conditions of an assigned watershed.
15. Explain the difference between sustainable agriculture, traditional or commercial agriculture, and organic farming.
16. Describe the factors contributing to the concept of sustainability in agricultural context.
17. Identify production practices and management strategies associated with sustainable agriculture.
18. Discuss the social and economic considerations related to sustainable agriculture.
19. Describe basic concepts of forest management.
20. Recognize relationships between forest management and wildlife habitat.
21. Discuss timber production methods in context of NRM perspectives.

22. Describe the basic concepts of Integrated Pest Management (IPM).
23. Recognize universal strategies applied to IPM decisions.
24. Discuss advantages and disadvantages of the IPM approach.
25. Explain the concept of stewardship as applied to soil management and watershed protection.
26. Discuss the potential and problems of using various types of livestock, poultry, and human waste for soil improvement.
27. Identify the major components of a Nutrient Management Plan.
28. Discuss limitations and restrictions related to beneficial land use permits.
29. List government agencies involved in environment regulation and resource conservation.
30. Interpret research and agency bulletins related to conservation and environmental protection.
31. Locate sources of technical and financial assistance for implementing conservation practices.

COURSE STRUCTURE & REQUIREMENTS

This is an online course, and it is the responsibility of the student to log into the course regularly and complete all assigned tasks. The course outline below identifies due dates for discussions, assignments, articles, quizzes and the final exam. Any changes will be communicated via email and announcements on eCollege. Your TAMUC email account will be used at all times, and it will be your responsibility to check it regularly (at least once every 24 hours).

This course is organized into 8 online modules. Each module includes an overview; lecture notes and review of related websites, documents, journal articles, and/or videos; online discussions on relevant topics/issues; assignment; article review and a quiz.

The semester starts at **12:00 am Wednesday, August 31st**, which is the start of **week 1/module 1**. Modules are scheduled to begin at 12:00 am on the designated Wednesday and students will be given **two weeks** to complete each module (*with the exception of original discussion threads and quizzes*). Modules will end on the specified Tuesday at 11:59 pm. Specific dates can be found in the course outline at the end of the syllabus. You will have one week to post your original discussion thread and quizzes will be available 4 days prior to the module closing.

Ex: Module 1

- **Module opens at 12:00 am on Wednesday, August 31st**
- **Original discussion posts are due by 11:59 pm Tuesday, September 6th**
- **Quiz** will be available starting **12:00 am on Saturday, September 10th**
- **Module closes at 11:59 pm on Tuesday, September 13th**
 - *Discussion, assignment, article review, and quiz must be completed by the closing date.*

Monitoring of Online Participation: Students are expected to log in and participate to the discussion and activities related to each module. The course software, *eCollege*, records the amount of active time students are logged into the course. However, participation points are awarded primarily for active and useful engagement in discussion threads. Discussion threads are intended to be a safe environment for discussing often controversial topics. Disrespectful comments will be removed and appropriate action taken as needed.

Student Lounge Introduction: It is recommended that each student provide a brief introduction of himself/herself before the closing of Module 1. The purpose of this introduction is to explore the varying experiences each student brings to the course.

Discussions: Each student is expected to participate in online discussions for each module. Participation is defined as the posing of, or responding to, questions or comments that offer meaningful contribution to the module topic or related prompt. Phrases such as, "I agree with Jim..." or "That's not what I thought..." will have zero point value. The instructor will determine whether or not each online discussion is a meaningful contribution to the topic. The student is expected to contribute to the discussion for each module. ***One response to the initial post plus one response to another student's response is required for full credit. The first post must be completed within the first week of the module opening to ensure ample opportunity for discussion to emerge. Failure to post at least twice, one being within the first week of the module, will result in a loss of points.***

Assignments: Modules will include assignments and article reviews that extend beyond the virtual boundaries of the eCollege format. Details of these assignments will be provided online in eCollege.

Article Critiques: Each student will write a one page (single spaced, 12 point font, Times New Roman) critique over a current article that addresses the specific module topic. It is preferable if citations follow APA 6th edition guidelines, but at a minimum need to possess the necessary information to locate the article. Further explanation of this assignment can be found within each module.

The rubric for this assignment is listed below:

Professionalism of submission (proper grammar, punctuation, etc.)	7 points
Citation of source	3 points
Content	10 points
Total	20 points

Final Exam: The final exam will be a comprehensive assessment of the student's understanding of the issues and practices associated with the management of renewable natural resources. It will consist of multiple-choice, true-false, matching, and limited (brief) response essay items.

Topics:

- Module 1: Perspectives of Natural Resources Management
- Module 2: Ecological Aspects of Natural Resources Management
- Module 3: Soil Conservation and Land Capability
- Module 4: Watershed Protection and Agricultural Water Use
- Module 5: Sustainable Agriculture Concepts and Practices
- Module 6: Forest and Wildlife Resources
- Module 7: Integrated Pest Management (IPM)
- Module 8: Soil Stewardship

Each module will contain course overview and lecture, a discussion, an assignment, an article review, and a quiz.

Grading

Assessment Activity	Possible Points
✓ Student Lounge Introduction	NG
✓ Online discussion (two entries per module/topic)	80
✓ Quizzes (8 at 20 points each)	160

✓ Article Critiques (8 at 20 points each)	160
✓ Module 1 Assignment - Viewing Both Sides	100
✓ Module 2 Assignment – Ecosystems	100
✓ Module 3 Assignment – Web Soil Survey Report	100
✓ Module 4 Assignment – Watershed Report	100
✓ Module 5 Assignment – Perspectives Essay	100
✓ Module 6 Assignment – Case Study	100
✓ Module 7 Assignment – PowerPoint Presentation	100
✓ <u>Final Exam</u>	<u>100</u>
✓ Total Possible Points	1200

Final Grade = Your total points earned = _____

Total Possible Points 1200

Grading Scale

(A = 90 or above, B = 80-89, C = 70-79, D = 60-69, F = below 60)

See Course Procedures & Policies for Late Work.

TECHNOLOGY REQUIREMENTS

- To fully participate in online courses you will need to use a current Flash enabled browser. For PC users, the suggested browser is Google Chrome or Mozilla Firefox. For Mac users, the most current update of Firefox is suggested.
- You will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
 - 512 MB of RAM, 1 GB or more preferred
 - Broadband connection required courses are heavily video intensive
 - Video display capable of high-color 16-bit display 1024 x 768 or higher resolution
- You must have a:
 - Sound card, which is usually integrated into your desktop or laptop computer
 - Speakers or headphones.

- *For courses utilizing video-conferencing tools and/or an online proctoring solution, a webcam and microphone are required.
- Both versions of Java (32 bit and 64 bit) must be installed and up to date on your machine. At a minimum Java 7, update 51, is required to support the learning management system. The most current version of Java can be downloaded at: [JAVA web site](http://www.java.com/en/download/manual.jsp)
<http://www.java.com/en/download/manual.jsp>
- Current anti-virus software must be installed and kept up to date.
- Run a browser check through the Pearson LearningStudio Technical Requirements website. [Browser Check](http://help.ecollege.com/LS_Tech_Reg_WebHelp/en-us/#LS_Technical_Requirements.htm#Browset)
http://help.ecollege.com/LS_Tech_Reg_WebHelp/en-us/#LS_Technical_Requirements.htm#Browset

Running the browser check will ensure your internet browser is supported.

Pop-ups are allowed.

JavaScript is enabled.

Cookies are enabled.

- You will need some additional free software (plug-ins) for enhanced web browsing. Ensure that you download the free versions of the following software:
 - [Adobe Reader](https://get.adobe.com/reader/) <https://get.adobe.com/reader/>
 - [Adobe Flash Player](https://get.adobe.com/flashplayer/) (*version 17 or later*)
<https://get.adobe.com/flashplayer/>
 - [Adobe Shockwave Player](https://get.adobe.com/shockwave/) <https://get.adobe.com/shockwave/>
- At a minimum, you must have Microsoft Office 2013, 2010, 2007 or Open Office. Microsoft Office is the standard office productivity software utilized by faculty, students, and staff. Microsoft Word is the standard word processing software, Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint is the standard presentation software. Copying and pasting, along with attaching/uploading documents for assignment submission, will also be required. If you do not have Microsoft Office, you can check with the bookstore to see if they have any student copies.
- For additional information about system requirements, please see: [System Requirements for LearningStudio](https://secure.ecollege.com/tamuc/index.learn?action=technical)
<https://secure.ecollege.com/tamuc/index.learn?action=technical>

ACCESS AND NAVIGATION

Pearson LearningStudio (eCollege) Access and Log in Information

This course will be facilitated using Pearson LearningStudio, the learning management system used by Texas A&M University-Commerce. To get started with the course, go to [myLeo](http://www.tamuc.edu/myleo.aspx). <http://www.tamuc.edu/myleo.aspx>

You will need your CWID and password to log in to the course. If you do not know your CWID or have forgotten your password, contact Technology Services at 903.468.6000 or helpdesk@tamuc.edu.

It is strongly recommended you perform a "Browser Test" prior to the start of your course. To launch a browser test, login to Pearson LearningStudio, click on the "My Courses" tab, and then select the "Browser Test" link under Support Services.

Pearson LearningStudio Student Technical Support

Texas A&M University-Commerce provides students technical support in the use of Pearson LearningStudio.

Technical assistance is available 24 hours a day/ 7 days a week.

If you experience LearningStudio (eCollege) technical problems, contact the LearningStudio helpdesk at 1-866-656-5511 (toll free) or visit [Pearson 24/7 Customer Support Site](http://247support.custhelp.com/) <http://247support.custhelp.com/>

The student help desk may be reached by the following means 24 hours a day, seven days a week.

- **Chat Support:** Click on '*Live Support*' on the tool bar within your course to chat with a Pearson LearningStudio Representative.
- **Phone:** 1-866-656-5511 (Toll Free) to speak with Pearson LearningStudio Technical Support Representative.
- **Email:** helpdesk@online.tamuc.org to initiate a support request with eCollege Representative.
- **Help:** Click on the 'Help' button on the toolbar for information regarding working (i.e. How to submit to dropbox, How to post to discussions etc...).

Accessing Help from within Your Course: Click on the '*Tech Support*' icon on the upper left side of the screen inside the course. You then will be able to get assistance via online chat or by phone.

Note: Personal computer problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, an Internet cafe, or a bookstore, such as Barnes & Noble, etc.

Policy for Reporting Problems with Pearson LearningStudio

Should students encounter Pearson LearningStudio based problems while submitting assignments/discussions/comments/exams, the following procedure **MUST** be followed:

1. Students must report the problem to the help desk. You may reach the helpdesk at 1-866-656-5511.
2. Students **MUST** file their problem with the helpdesk and obtain a helpdesk ticket number
3. Once a helpdesk ticket number is in your possession, students should email me to advise me of the problem and to provide me with the helpdesk ticket number
4. At that time, I will call the helpdesk to confirm your problem and follow up with you

PLEASE NOTE: Your personal computer/access problems are not a legitimate excuse for filing a ticket with the Pearson LearningStudio Help Desk. You are strongly encouraged to check for compatibility of your browser **BEFORE** the course begins and to take the Pearson LearningStudio tutorial offered for students who may require some extra assistance in navigating the Pearson LearningStudio platform. **ONLY** Pearson LearningStudio based problems are legitimate.

myLeo Support

Your myLeo email address is required to send and receive all student correspondence. Please email helpdesk@tamuc.edu or call us at 903-468-6000 with any questions about setting up your myLeo email account. You may also access information at [myLeo](https://leo.tamuc.edu). <https://leo.tamuc.edu>

Learner Support

Go to the following link [One Stop Shop](#)- created to serve you by attempting to provide as many resources as possible in one location.

<http://www.tamuc.edu/admissions/onestopshop/>

Go to the following link [Academic Success Center](#)- focused on providing academic resources to help you achieve academic success.

<http://www.tamuc.edu/campusLife/campusServices/academicSuccessCenter/>

FREE MOBILE APPS

The Courses apps for phones have been adapted to support the tasks students can easily complete on a smaller device. Due to the smaller screen size course content is not presented.

The Courses app is free of charge. The mobile Courses Apps are designed and adapted for different devices.

	App Title:	iPhone – Pearson LearningStudio Courses for iPhone Android – LearningStudio Courses - Phone
	Operating System:	iPhone - OS 6 and above Android – Jelly Bean, Kitkat, and Lollipop OS
	iPhone App URL:	https://itunes.apple.com/us/app/pearson-learningstudio-courses/id977280011?mt=8
	Android App URL:	https://play.google.com/store/apps/details?id=com.pearson.lsphone

Once downloaded, search for Texas A&M University-Commerce, and it should appear on the list. Then you will need to sign into the myLeo Mobile portal.

The Courses App for Android and iPhone contain the following feature set:

- View titles/code/Instructor of all Courses enrolled in online
- View and respond to all discussions in individual Courses
- View Instructor Announcements in individual Courses
- View Graded items, Grades and comments in individual Courses
- Grade to Date
- View Events (assignments) and Calendar in individual Courses
- View Activity Feed for all courses
- View course filters on activities
- View link to Privacy Policy
- Ability to Sign out
- Send Feedback

LEARNINGSTUDIO NOTIFICATIONS

Students can be alerted to course activities via text on their mobile phones or up to two email addresses.

Based on their preferences, students can automatically receive a push notification with every new: course announcement, threaded discussion post, grade, and/or assignment without having to login to the course. Enrolled students will automatically receive email notifications for announcements and can opt out of this feature. To receive text notifications, students must opt in.

To begin setting up notifications, go into your course in LearningStudio and click on the bell-shaped Notifications icon on the main menu ribbon.

By default the student's university email address will appear. This cannot be changed in LearningStudio. Additional email addresses may be added by clicking the Add button. After all of the other selections are completed be sure to click the Save and Finish button.

COMMUNICATION AND SUPPORT

Interaction with Instructor

The following is the list of communication methods used in this class and their purposes. These include student-instructor, instructor-student and student-student communication.

You will be expected to check your university email account and log onto eCollege at least once every 24 hours Monday-Friday in order to keep abreast of the latest class announcements.

- **Email** will be used by me to communicate to the entire class general information about upcoming assignments, due dates, and any changes in the schedule or syllabus that might occur.

I will also email students individually with occasional feedback from assignments and on the class as a whole.

Students can use email to ask me any questions about (i) course logistics (upcoming assignments, due dates...) (ii) the way specific assignments were graded and feedback given (iii) constructive

feedback to me about how the course is going and any problems/concerns with the course structure (and even things that work particularly well!)

In emails, please put "**AMC 423 Online**" in the subject header. I will reply to emails **within 24 hours** (48 hours during weekends and holidays).

I will always send emails to your **official University Email address** as given through MyLeo. It will be your responsibility to check your university email regularly.

- **Announcements** on eCollege will be used to communicate to the class as whole, general information about upcoming assignments, due dates, and any changes in the schedule or syllabus that might occur. New announcements will appear to you the next time you log in to eCollege.

COURSE PROCEDURES & POLICIES

Academic Honesty

Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including (but not limited to) receiving a failing grade on the assignment, the possibility of failure in the course and dismissal from the University. Since dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced. In **ALL** instances, incidents of academic dishonesty will be reported to the Department Head. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

Plagiarism WILL NOT be tolerated and will result in an automatic F in the course.

If you have any questions regarding academic dishonesty, ask. Otherwise, I will assume that you have full knowledge of the academic dishonesty policy and agree to the conditions as set forth in this syllabus.

Attendance Policy

In an online class, attendance means active participation. Students are expected to log in regularly, complete one discussion thread per module and provide constructive feedback to at least 1 classmate's original discussion post. If you are unable to log on for an extended period of time (greater than a week) then contact me in advance to discuss how to proceed.

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Assignment policy

All homework assignments will become available once the modules open on their assigned date and will be due 14 days later as outlined in the Course Requirements Section and Course Outline below.

Late work

Late work will ***NOT*** be accepted. If you have a medical condition, emergency or some other situation (professional or personal) which affects your ability to do the work for this class, please email me as soon as possible.

Netiquette: Communication Courtesy Code

Students are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. The same rules apply online as they do in person. Be respectful of other students. Foul discourse will not be tolerated. Please take a moment and read the following links concerning "netiquette". <http://www.albion.com/netiquette/> <http://www2.nau.edu/d-learn/support/tutorials/discrubrics/netiquette.php>

Withdrawal Policy

Every student has the right to drop the course without penalty until the drop-date. Students dropping the course during this period will be given a DP (drop while passing). A grade of DP is GPA neutral, but a grade of DF counts as an F on your transcript.

If you choose to stop attending class, you may be dropped from the course due to excessive absences. If you are not satisfied with your grade in the course and wish you to drop, it is **YOUR** responsibility to drop the course. Once a grade of DP or DF has been submitted, it cannot be changed. A student may drop a course by logging into their myLEO account and clicking

on the hyperlink labeled 'Drop a class' from among the choices found under the myLEO section of the Web page.

UNIVERSITY SPECIFIC PROCEDURES

Non-Discrimination Statement

A&M-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

ADA Statement: Students with Disabilities

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library- Room 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Rebecca.Tuerk@tamuc.edu

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See Code of Student Conduct from Student Guide Handbook).

[Student Guidebook](#).

<http://www.tamuc.edu/admissions/registrar/documents/studentGuidebook.pdf>

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce

buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

Syllabus Change Policy

The syllabus is a guide. The instructor reserves the right to modify this syllabus during the semester, if needed. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance. The instructor also reserves the right to extend credit for alternative assignments, projects, or presentations.

AMC 423 – COURSE OUTLINE			
Natural Resources Management			
Fall 2016 · Aug 29 – Dec 16			
Module/Week	Topics	Assignment	Due by 11:59 pm on Due Date
Module 1 (Week 1 - 2) Aug 31 - Sep 13	Perspectives of Natural Resources Management	- Introduction (Student Lounge) - Discussion - Article - Assignment - Quiz	Original Post – <u>Sep 6</u> All Work – <u>Sep 13</u>
Module 2 (Week 3 - 4) Sep 14 - Sep 27)	Ecological Aspects of Natural Resources Management	- Discussion - Article - Assignment - Quiz	Original Post – <u>Sep 20</u> All Work – <u>Sep 27</u>
Module 3 (Week 5 - 6) Sep 28 - Oct 11	Soil Conservation and Land Capability	- Discussion - Article - Assignment - Quiz	Original Post – <u>Oct 4</u> All Work – <u>Oct 11</u>
Module 4 (Week 7 - 8) Oct 12 - Oct 25	Watershed Protection and Agricultural Water Use	- Discussion - Article - Assignment - Quiz	Original Post – <u>Oct 18</u> All Work – <u>Oct 25</u>
Module 5 (Week 9 - 10) Oct 26 - Nov 8	Sustainable Agriculture Concepts and Practices	- Discussion - Article - Assignment - Quiz	Original Post – <u>Nov 1</u> All Work – <u>Nov 8</u>
Module 6 (Week 11 - 12) Nov 9 - Nov 22	Forest and Wildlife Resources	- Discussion - Article - Assignment - Quiz	Original Post – <u>Nov 15</u> All Work – <u>Nov 22</u>
Module 7 (Week 13 - 14) Nov 23 - Dec 6	Integrated Pest Management (IPM)	- Discussion - Article - Assignment - Quiz	Original Post – <u>Nov 29</u> All Work – <u>Dec 6</u>
Module 8 (Week 15 - 16) Dec 2 - Dec 15	Soil Stewardship	- Discussion - Article * No Assignment - Quiz	Original Post – <u>Dec 8</u> All Work – <u>Dec 15</u>
Dec 14 - Dec 16	Final Exam		<u>Dec 16</u>