

Plants and Civilizations

AGRI/IE 116 Fall 2012

General information and syllabus for lecture and recitation

V3.0 – December 20, 2013

Course Instructor:

Andrew Norton: Andrew.Norton@Colostate.edu; 491-7421 Office: C 212 Plant Sciences.
Office Hours: Monday and Wednesday 11:00 – 12:00 PM or by appointment.

Teaching Assistants:

Stacy Endriss: stacy.endriss@gmail.com

Recitation Sections: Thursday afternoon 1:00 – 1:50, 2:00 – 2:50, 3:00 – 3:50

Office Hours in C028 Plant Sciences: 9:00 – 11:00 Tuesday or by appointment.

Bernadette Kuhn: bernadette.kuhn@colostate.edu

Recitation Sections: Friday afternoon 1:00 – 1:50, 2:00 – 2:50, 3:00 – 3:50

Office Hours in C028 Plant Sciences: TBD.

Graham Tuttle: tuttle.graham@gmail.com

Recitation Sections: Friday morning 9:00 – 9:50, 10:00 – 10:50, 11:00 – 11:50

Office Hours in C028 Plant Sciences: Thursday 2:00 – 4:00 or by appointment

General Course Objectives

The relationships between plants and human civilizations are among the most important factors influencing human survival and evolution. These relationships have had enormous impacts on human history, sociology, and culture. Throughout history, plants have influenced art, religion, social behavior, and customs; and they continuously impact the social, political, religious, and the economic realms of human activity. The need and desire for plants and plant products has been a driving force in exploration, religion, wars, slavery, and innovation. This course will explore and compare the ways in which various civilizations have used plants and the roles plants have played in the development and survival of cultures from various civilizations throughout history.

1. To gain **content knowledge** of the relationships between plants and human civilizations and cultures.
2. To develop **critical thinking skills** involving analysis and interpretation of the relationship between plants and human civilizations and cultures. Areas of emphasis will include the ways plants have impacted civilizations and cultures, changes in these relationships over time within a culture or civilization, and inherent differences pertinent in these relationships.
3. To develop **written and verbal communication skills** through expository writing and discussion of the relationships between plants, human civilizations, cultures and analysis and/or interpretation of these relationships.

Contacting Us: The best way to contact us is to either speak with us right before/ after lecture or to email us. Email is usually faster than calling us. **If you email, make sure that you put “Plants and Civilizations” in the subject line of your email.** Because of the numbers of students in this class and the numbers of emails we receive each day, keeping track of our course-related email is much, much easier if you identify this in the subject line. **Please include your full name in your email so that we can respond to you.**

Also, please note that the university’s spam filter has been known to reject email from sources such as Yahoo! or .msn accounts. If we don’t respond please speak with us to see if this is what has happened, or use your CSU account to send the email.

Contacting You: Throughout the semester we may need to contact you as individuals or in an email to the entire class. This is only possible if the university has your correct email address on file. To set your official email address:

- 1) Log into RamWeb (<https://ramweb.colostate.edu/index.aspx>)
- 2) Under the Record tab select the “change my email address” link and follow the instructions on this page.

Course Structure

Lecture Periods

Lectures are Monday and Wednesday 3:00 – 3:50 p.m., C101 Plant Sciences. In lecture I present the biological, cultural, historical, economic and political aspects of plants and/or plant products, and assess, analyze or synthesize different perspectives or opinions about plants and human interactions. **Questions are always welcome during lectures.** It's a safe bet that if you have a question about something we've said many other students have the same question.

Recitation Periods

There are 50-minute recitation sections throughout the day on Thursday and Friday in E005 Plant Sciences. The room is located in the east wing basement of this building. **Recitation is REQUIRED.**

Course Management System

The lecture schedule, syllabus, additional readings, practice exam questions, recitation activities and your grades are all available on RamCT Blackboard. We use RamCT extensively in this course. Access this site at <https://ramct.colostate.edu/>. If you have trouble gaining access, with file compatibilities, etc. please let Matt know and I will do my best to help you.

Methods of Evaluation

(1) Exams (300 points). There will be three exams given during lecture, each for 100 points. These exams will contain multiple-choice, true-false and short answer questions. At least one of the short answer questions on each exam will come from assigned readings. This portion of your grade emphasizes **content knowledge**. If you attend lectures and complete the reading assignments you should do well on these exams. Sample questions will be made available to you 1 week prior to each exam date.

Exam 1: Monday, February 25.

Exam 2: Monday, April 8.

Exam 3: Wednesday, May 15th from 9:40 – 11:40 AM (Given during finals week. Non-cumulative).

The remaining portion of your grade (50%!!!) is from recitation.

Recitation emphasizes the development of **information acquisition** skills, the ability to **evaluate the reliability** of this information, **the ability to synthesize and analyze** information, **and the ability to communicate** your analyses or synthesis. This portion of the course integrates and expands upon the concepts and topics we present in lecture. In recitation you may earn points from:

(2) Term Paper (100 points). You will be required to write a 6 – 8 page research paper on a plant of your choice. In this paper you will approach your plant from 2 – 4 different perspectives (i.e. plant natural history, use in different cultures, economic value, how these have changed through time, etc.). This paper is due **Friday, Aril 26th by 5:00 PM**. In addition to the 100 points available for the paper, there are points for turning in (a) a description of the research you've done on your topic (20 points), (b) a Title and Prospectus for your paper (20 points, approximately 2 pages), and a complete draft of your paper and peer review (due in recitation one week before the paper due date): 20 points.

(3) 2 short summaries of recitation activities: 15 points each. These will be completed during group work in recitation.

(4) Group debates (30 points). Teams will debate controversial topics during the last two weeks of recitation. Full participation in presentation of your debate team's topic and assessment of other debate teams earns you 30 points.

(5) Participation in Recitation (80) points: Each week of recitation you can receive up to 6 points for participating in that week's activities or discussion. Note that $6 * 15 = 90$, but only a total of 80 points are available in this category.

Point Summary

Semester Point Breakdown	Points Available
3 exams	3@100 = 300
Term Paper	100
Term Paper steps	60
Write ups of recitation activities (2@15)	30
Debates	30
Participation in Recitation	80
Total Points	600

A+ : 582 and above, A: 558-581, A- 540-557, B+ 522-539, B 498-521, B- 480-497, C+ 462-479, C 420-461, D 360-419, F less than 360.

iClicker bonus. We will be using the iClicker system during lectures. This system allows you to respond to questions that we ask during lecture, and for us to get instant feedback on your opinions on a topic and whether we are presenting material clearly. If we record a vote from you for 80% of all iClicker questions asked during the semester, we will add 20 points to your final point total! NOTE: You need to register your iClicker at <https://wsnet.colostate.edu/cwis262/clicker/registration.aspx> for us to know that you were present and voted. Other useful iClicker FAQs are at <https://wsnet.colostate.edu/cwis262/clicker/studentfaq.aspx>.

What if I miss an exam?

Make up exams will be given for the following reasons. A) Documented university field trip, sports activity or other official university-sanctioned event (see <http://www.catalog.colostate.edu/front/advising-and-registration.aspx>). B) Legitimate, documented illness with a note from your doctor or Hartshorn Health Clinic.

In both cases YOU MUST NOTIFY ANDREW NORTON IN ADVANCE. This may be done in person or by email. After the fact excuses, ski trips, etc are not acceptable reasons for a make-up exam. It is YOUR responsibility to notify Matt prior to the exam!!!

How much work is this course?

Colorado State University expectations for student workload are that for each credit hour of instruction, you will need to spend, on average, 3 hours to attend lecture and recitation and to complete out of class readings and assignments. Our expectation is that you will be able to excel in this course by devoting, on average, 9 hours per week to course related activities. This means that *on average*, you should expect to spend 6 hours per week completing reading assignments and out of class writing exercises and papers.

Recitation

Teaching Assistants

Teaching assistants will be leading recitation presentations, discussions and projects. Please feel free to email your TAs with questions about recitations and/or lectures. Your TA will make all reasonable efforts to meet with you about the course in a timely manner.

*NOTE: If you have **exam scheduling conflicts**, please **contact Matt (Andrew.Norton@Colostate.edu)**. Your recitation instructors cannot reschedule lecture exams!*

What Is A Recitation?

Recitations are weekly class meetings where students are separated into smaller groups than the lecture portion of the course. The recitation section of this course is designed to complement and expand the information and concepts you learn about in lecture, and allows you to practice critical thinking and communication skills. The types of skills that you will gain through participation in recitation sections are very different than those you will obtain from lecture. It is **extremely** important that you regularly attend recitation. Each week's work builds on the previous week's lectures, homework and in class assignments. The number of points available for participating in recitation activities and assignments is 300, out of a course total of 600.

Recitation Objectives

- To develop **research** skills so that you can communicate and convey legitimate, current and relevant information to an audience. We expect you to improve your ability to determine the reliability and objectivity of the sources and information that you find.
- To develop improved **analysis** skills by examining a given question from multiple perspectives and using information from multiple sources. We expect that you will improve in your ability to analyze and synthesize information, and then to extend this by asking new, interesting and important questions.
- To develop improved **written and verbal communication** skills so that you can communicate your analysis and synthesis to others.
- To develop skill sets necessary to respectfully, thoroughly and critically evaluate peers in their presentation and writing skills, and offer constructive criticism to improve these skills.

Our goal is to help you develop critical thinking, analytic and communication skills that will help you in the rest of your academic career, in your present or future job, and as a member of society at large.

Reading Assignments

Required text: Pollan, Michael. 2001. *The Botany of Desire: A Plant's-Eye View of the World*. Random House, New York. Over the course of the semester we will read the entire book. See the course schedule for the due dates for each chapter. This is an (arguably) well written and interesting book on the interactions between humans and 4 separate plants. In addition to this book we have selected several other short reading assignments that support and expand upon topics presented in lecture. These assignments will be available in .pdf format on RamCT. It is extremely important that you keep up with the reading assignments. Recitation activities are based on these readings and if you haven't done the reading you will not be able to complete that week's recitation activities.

Recitation Assignments, In-Class Writing and Activities and Participation

Each week you can receive up to 6 points associated with the recitation and discussion session. If you participate actively in discussion, have completed assigned readings and out-of-class homework, and faithfully complete all in-class writing and group activities you will receive the full points. If not, you will receive a lesser number of points (or none). We expect that every one of you will earn all 6 points for each recitation. Each week your performance in recitation activities (both in class and homework, if any) is evaluated by your TA with a "plus, check, minus" system:

Plus: Great Job! Thanks for putting in the effort. (6 points)

Check: OK, but try to ask more questions or respond to others' questions. (3-4 points)

Minus: Missed recitation, didn't do the reading, or didn't participate in the activities: (0-2 points)

There are fifteen weeks where assignments are due and in-class participation and attendance is required, and you may earn up to 80 points over the semester. There are $(15 \times 6) = 90$ points available and you can receive a maximum of 80 points for participation. This means that you can miss 1 recitation without it reducing your point total, assuming that you receive full credit for the recitations that you do attend.

Your TAs are expected to keep the course grade roll up to date with their assessment of your performance in recitation. Your grade entries are available on RamCT.

What if I Have to Miss Recitation?

a) Official, excused absence (University sponsored field trip, sports meet, other official, sanctioned event): You may make up the recitation by attending and participating in another section that week. Please make arrangements with your TA AT LEAST one week prior to the missed section. NOTE: There are two recitations where you will participate in a peer review session. You must complete a peer review (have your paper reviewed and review another's paper) BEFORE you can turn your finished paper in. You will lose points for turning in a late paper if you do not get this done on schedule (see below). NO EXCEPTIONS. Make arrangements ahead of time.

b) Unofficial, un-excused absence (anything other than (a) above): Your TA MAY elect to let you make up the recitation by attending another recitation that week. This is at his or her discretion. Check in advance. Your other option is to let this become one of the weeks dropped from your grade (see **Recitation Assignments, In-Class Writing and Activities and Participation**, above).

Due Dates / Late Penalties

Late work: We will deduct 10% of your grade for each week or portion thereof for work that is turned in late. (1 day late: -10%. 8 days late: -20%, etc).

Plagiarism and Academic Integrity

We take the issue of academic integrity very seriously in this class. You are expected to do your own work and to not access notes during an exam, copy from another's exam or to provide exam answers to another student during an exam. We proctor in class exams and will take actions to ensure that all students are following this policy.

Plagiarism

"Plagiarism includes the copying of language, structure, ideas, or thoughts of another, and representing them as one's own without proper acknowledgment. Examples include a submission of purchased research papers as one's own work; paraphrasing and/or quoting material without properly documenting the source" (CSU Policies and Guiding Principles, 2011).

Our motivation for rigorously enforcing a no-plagiarism policy is two fold: First, plagiarism is a form of theft. Taking another's words or ideas without attribution is stealing someone else's work. Second, copying another's work does not fulfill the purpose of the assignment, which is for you to develop critical thinking and analysis skills. You demonstrate this by presenting your own, new, synthesis and analysis in your writing. Simply copying or paraphrasing from source materials does not demonstrate this, however insightful the source(s) may be. **Good writing generates new knowledge.** This should be your goal in this class, in other courses at CSU and in your career after you leave here.

In AGRI/IE 116 all written work will be spot checked for plagiarism issues by both recitation instructors and originality checking software such as SafeAssign. If you are caught plagiarizing materials you will receive a 0 for the project, and depending upon the severity of the offense, an F in the course. All examples of plagiarism or academic dishonesty and will be reported to the Office of Conflict Resolution and Student Conduct Services for additional disciplinary action as outlined in the student handbook under the heading "academic integrity" (<http://www.catalog.colostate.edu/Content/files/2011/FrontPDF/1.6POLICIES.pdf> beginning on Page 7).

Grading Appeals

If you are not satisfied with your grade on an assignment, you may appeal this grade within **one week** of our making the graded assignment or exam available to you. All appeals must be in writing to your TA and must detail why you believe you should have received a higher grade. Your assignment will be graded by another of the TAs in the class within one week of your appeal. This decision will be final.