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Current Course Report

2/21/2013 9:32:46 AM

OFFICE OF THE
SENATE COUNCIL

Course Information

Date Submitted: 2/21/2013

Current Prefix and Number: PLS - Plant and Soil Science , PLS 412 - GRAIN CROPS

Other Course:

Proposed Prefix and Number: PLS 512

What type of change is being proposed?

Major Change

Should this course be a UK Core Course? No

1. General Information

a. Submitted by the College of: College of Agriculture

b. Department/Division: Plant and Soil Sciences

c. Is there a change in 'ownership' of the course? No

If YES, what college/department will offer the course instead: Select...

e. Contact Person

Name: Chad Lee

Email: cdlee2@uky.edu

Phone: 257-3203

Responsible Faculty ID (if different from Contact)

Name:

Email:

Phone:

f. Requested Effective Date

Semester Following Approval: No OR Effective Semester: Spring 2014

2. Designation and Description of Proposed Course

a. Current Distance Learning (DL) Status: Please Drop

b. Full Title: GRAIN CROPS

Proposed Title: Grains and Oilseeds

c. Current Transcript Title: GRAIN CROPS

Proposed Transcript Title: Grains and Oilseeds

d. Current Cross-listing: none

Proposed – ADD Cross-listing :

Proposed – REMOVE Cross-listing:

e. Current Meeting Patterns

LECTURE: 3

Proposed Meeting Patterns

LECTURE: 3

f. Current Grading System: ABC Letter Grade Scale

Proposed Grading System: PropGradingSys

g. Current number of credit hours: 3

Proposed number of credit hours: 3

h. Currently, is this course repeatable for additional credit? No

Proposed to be repeatable for additional credit? No

If Yes: Maximum number of credit hours:

If Yes: Will this course allow multiple registrations during the same semester? No

2i. Current Course Description for Bulletin: Study of the grain crops of the world with respect to adaptation, production, management and use.

Proposed Course Description for Bulletin: Management and production of major grains and oilseeds in Kentucky

2j. Current Prerequisites, if any: Prereq: PLS 386 or consent of instructor.

Proposed Prerequisites, if any: PLS 366, PLS 386, or similar courses; Senior or Graduate Student

2k. Current Supplementary Teaching Component:

Proposed Supplementary Teaching Component:

3. Currently, is this course taught off campus? No

Proposed to be taught off campus? No

If YES, enter the off campus address:

4. Are significant changes in content/student learning outcomes of the course being proposed? Yes

If YES, explain and offer brief rationale: Grains and oilseeds composed 25% of total agricultural receipts in Kentucky in 2011. We would like to update this course to provide both senior- and graduate-level instruction on the management and production of these crops.

5a. Are there other depts. and/or pgms that could be affected by the proposed change? No

If YES, identify the depts. and/or pgms:

5b. Will modifying this course result in a new requirement of ANY program? No

If YES, list the program(s) here:

6. Check box if changed to 400G or 500: Yes

Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?

6. How do course requirements ensure that students make appropriate use of learning resources?

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? NO

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

SIGNATURE|KCROUCH|Kathryn F Crouch|Dept approval for ZCOURSE_CHANGE PLS 412|20130103

SIGNATURE|KCROUCH|Kathryn F Crouch|College approval for ZCOURSE_CHANGE PLS 412|20130103

SIGNATURE|JMETT2|Joanie Ett-Mims|Undergrad Council approval for ZCOURSE_CHANGE PLS 412|20130103

SIGNATURE|ZNNIKOO|Roshan N Nikou|Graduate Council approval for ZCOURSE_CHANGE PLS 412|20130110

COURSE CHANGE FORM

Complete 1a – 1f & 2a – 2c. Fill out the remainder of the form as applicable for Items being changed.

1. General Information.						
a. Submitted by the College of: <u>Agriculture</u>		Today's Date: <u>April 20, 2012</u>				
b. Department/Division: <u>Plant and Soil Sciences</u>						
c. Is there a change in "ownership" of the course?					YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If YES, what college/department will offer the course instead? _____						
d. What type of change is being proposed? <input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor ¹ (place cursor here for minor change definition)						
e. Contact Person Name: <u>Chad Lee</u>		Email: <u>cdlee2@uky.edu</u>		Phone: <u>257-3203</u>		
f. Requested Effective Date: <input type="checkbox"/> Semester Following Approval OR <input checked="" type="checkbox"/> Specific Term ² : <u>Spring 2014</u>						
2. Designation and Description of Proposed Course.						
a. Current Prefix and Number: <u>PLS 412</u>		Proposed Prefix & Number: <u>PLS 512</u>				
b. Full Title: <u>Grain Crops</u>		Proposed Title: <u>Grains and Oilseeds</u>				
c. Current Transcript Title (if full title is more than 40 characters): <u>Grain Crops</u>						
c. Proposed Transcript Title (if full title is more than 40 characters): <u>Grains and Oilseeds</u>						
d. Current Cross-listing: <input checked="" type="checkbox"/> N/A OR Currently ³ Cross-listed with (Prefix & Number): _____						
Proposed – <input type="checkbox"/> ADD ³ Cross-listing (Prefix & Number): _____						
Proposed – <input type="checkbox"/> REMOVE ^{3,4} Cross-listing (Prefix & Number): _____						
e. Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours ⁵ for each meeting pattern type.						
Current:	<u>3</u> Lecture	_____ Laboratory ⁵	_____ Recitation	_____ Discussion	_____ Indep. Study	
	_____ Clinical	_____ Colloquium	_____ Practicum	_____ Research	_____ Residency	
	_____ Seminar	_____ Studio	_____ Other – Please explain: _____			
Proposed:	<u>3</u> Lecture	_____ Laboratory	_____ Recitation	_____ Discussion	_____ Indep. Study	
	_____ Clinical	_____ Colloquium	_____ Practicum	_____ Research	_____ Residency	
	_____ Seminar	_____ Studio	_____ Other – Please explain: _____			
f. Current Grading System: <input checked="" type="checkbox"/> Letter (A, B, C, etc.) <input type="checkbox"/> Pass/Fail						
Proposed Grading System: <input checked="" type="checkbox"/> Letter (A, B, C, etc.) <input type="checkbox"/> Pass/Fail						
g. Current number of credit hours: <u>3</u> Proposed number of credit hours: <u>3</u>						
h. Currently, is this course repeatable for additional credit?					YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>

Comment [OSC1]: Excerpt from SR 3.3.0.G.2 Definition. A request may be considered a minor change if it meets one of the following criteria:
a. change in number within the same hundred series*;
b. editorial change in the course title or description which does not imply change in content or emphasis;
c. a change in prerequisite(s) which does not imply change in content or emphasis, or which is made necessary by the elimination or significant alteration of the prerequisite(s); d. a cross-listing of a course under conditions set forth in SR 3.3.0.F;
e. correction of typographical errors.

*...for the specific purposes of the minor exception rule, the 600-799 courses are the same "hundred series," as long as the other minor change requirements are complied with. [RC 1/15/09]

¹ See comment description regarding minor course change. Minor changes are sent directly from dean's office to Senate Council Chair. If Chair deems the change as "not minor," the form will be sent to appropriate academic Council for normal processing and contact person is informed.
² Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.
³ Signature of the chair of the cross-listing department is required on the Signature Routing Log.
⁴ Removing a cross-listing does not drop the other course – it merely unlinks the two courses.
⁵ Generally, undergrad courses are developed such that one semester hr of credit represents 1 hr of classroom meeting per wk for a semester, exclusive of any lab meeting. Lab meeting generally represents at least two hrs per wk for a semester for 1 credit hour. (See SR 5.2.1.)

COURSE CHANGE FORM

Proposed to be repeatable for additional credit?		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
If YES:	Maximum number of credit hours:	_____	
If YES: Will this course allow multiple registrations during the same semester?		YES <input type="checkbox"/>	NO <input type="checkbox"/>
i.	Current Course Description for Bulletin:	<u>Management and production of grain crops, including corn, soybean and wheat, in Kentucky.</u>	
	Proposed Course Description for Bulletin:	<u>Management and production of major grains and oilseeds in Kentucky</u>	
j.	Current Prerequisites, if any:	_____	
	Proposed Prerequisites, if any:	<u>PLS 366, PLS 386, or similar courses; Senior or Graduate Student</u>	
k.	Current Distance Learning(DL) Status:	<input type="checkbox"/> N/A	<input type="checkbox"/> Already approved for DL*
		<input type="checkbox"/> Please Add ⁶	<input checked="" type="checkbox"/> Please Drop
*If already approved for DL, the Distance Learning Form must also be submitted <u>unless</u> the department affirms (by checking this box <input type="checkbox"/>) that the proposed changes do not affect DL delivery.			
l.	Current Supplementary Teaching Component, if any:	<input type="checkbox"/> Community-Based Experience	<input type="checkbox"/> Service Learning
		<input type="checkbox"/> Both	
	Proposed Supplementary Teaching Component:	<input type="checkbox"/> Community-Based Experience	<input type="checkbox"/> Service Learning
		<input type="checkbox"/> Both	
3.	Currently, is this course taught off campus?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
	Proposed to be taught off campus?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
4.	Are significant changes in content/teaching objectives of the course being proposed?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
	If YES, explain and offer brief rationale:		
	<u>Grains and oilseeds composed 25% of total agricultural receipts in Kentucky in 2011. We would like to update this course to provide both senior- and graduate-level instruction on the management and production of these crops.</u>		
5.	Course Relationship to Program(s).		
a.	Are there other depts and/or pgms that could be affected by the proposed change?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
	If YES, identify the depts. and/or pgms: _____		
b.	Will modifying this course result in a new requirement ⁷ for ANY program?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
	If YES ⁷ , list the program(s) here: _____		
6.	Information to be Placed on Syllabus.		
a.	<input checked="" type="checkbox"/> Check box if changed to 400G or 500.	If changed to 400G- or 500-level course you must send in a syllabus and you must include the differentiation between undergraduate and graduate students by: (i) requiring additional assignments by the graduate students; and/or (ii) establishing different grading criteria in the course for graduate students. (See SR 3.1.4.)	

⁶ You must also submit the Distance Learning Form in order for the course to be considered for DL delivery.

⁷ In order to change a program, a program change form must also be submitted.

COURSE CHANGE FORM

Signature Routing Log

General Information:

Course Prefix and Number: PLS 512

Proposal Contact Person Name: Chad Lee

Phone: 257-3203

Email: cdlee2@uky.edu

INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Plant and Soil Sciences Department	10/30/12	Todd Pfeiffer / 218-0709 / tpfeiffe@uky.edu	
Undergraduate Curriculum Committee	9/21/12	Larry J. Grabau / 7-3469 / Larry.Grabau@uky.edu	
Graduate Curriculum Committee	9/21/12	Larry J. Grabau / 7-3469 / Larry.Grabau@uky.edu	
		/ /	
		/ /	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ⁸
Undergraduate Council			
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

⁸ Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

PLS 512: Grains and Oilseeds Production

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Contact Information

Instructor: Chad Lee
Office Address: 423 Plant Science Building
Email: cdlee2@uky.edu or Chad.Lee@uky.edu
Office Phone 859-257-3203
Office Hours (virtual or in person) by appointment

Expected Response Time from Instructor:

Students should expect responses to email to occur within one (1) business day during the work week (Monday-Friday). If students have not received a response from me by two days, please send another email or call my office phone. A late response from me indicates either I did not receive your email or it is "lost" under more recent emails.

Course Description

Biology, management and production of major grains and oilseeds in Kentucky and the world.

Prerequisite

PLS386, PLS366, or similar courses. Senior or Graduate Student. (Graduate student must have completed a Bachelor's Degree.

Student Learning Outcomes

After completing this course, the student will be able to:

1. Describe grain crops production in this region of the United States
2. Analyze yields and separate factors of management and environment
3. Assess current production practices and explain where improvements are needed.

Required Materials

Selected readings and texts will be made available to students, but no specific textbook is necessary. Suggested reading material (not required but an excellent resource): Hoefl, Nafziger, Johnson and Aldrich. 2000. *Modern Corn and Soybean Production*, R.R. Donnelley and Sons, Champaign, IL.

Four research journals will be of use: 1) *Agronomy Journal*, 2) *Crop Science*, 3) *Soil Science Society of America Journal*, and 4) *Crop Management*. Each of these are available online via the University of Kentucky Library System.

Description of Course Activities and Assignments

Courses will be lectures. Grading will consist of three exams, two papers, one group project and quizzes (or short writing assignments).

HOURLY EXAMS

Two exams will be given during the semester. Students will have 75 minutes to complete each exam. Each exam is worth 100 points. The exam will be taken through the Blackboard system.

FINAL EXAM

One exam will be given as the final. Students will have the full Final Exam period to complete the exam. The majority (at least 75%) of the exam will be over material from the final one-third of the semester. Since some concepts will build upon previous lessons, the exam will include a comprehensive component; however, the exam will not be a traditional comprehensive exam.

Examination grades may be curved, but this is determined by the instructor. If the class average is below 70%, points will be added equally to everyone's test scores to bring the class average up to 70%. If the class average is 70% or higher, there will be no adjustment.

WRITTEN ASSIGNMENTS

Two (2) written assignments (one worth 25 points and the other worth 75 points) will be required.

If any errors were made in grading (i.e. incorrectly adding the scores), please notify Dr. Lee as soon as possible. Those errors will be corrected. A student may request the instructor to re-evaluate the assignment. If that occurs, Dr. Lee reserves the right to re-evaluate the entire assignment.

General Format of Written Assignments

	Font(s)	Font Size	Line Spacing	Indentation
Title	Times New Roman or Arial	12 point	Double spacing	None
Body of Content:	Times New Roman or Arial	12 point	Double spacing	0.5 inches
References or works cited	Times New Roman or Arial	12 point or less	Double spacing, or single spacing	None

Note: length does not equal quality.

Example of a paper formatting

John Doe

PLS 512

Written Assignment 1

Soybean canopy development effect on yield

Soybean seed costs increased dramatically over the past decade with the introduction of glyphosate-resistant (Roundup Ready) cultivars, increasing from an estimated Glyphosate herbicide kills a wide range of weed species ...

Johnson (1987) summarized the literature and reported that recommended seeding rates for high quality seed varied from Soybean yield was reduced when Heatherly and Elmore (2004) suggested that ...

References

- Association of Official Seed Analysts. 2002. Seed vigor testing handbook. no. 32. Assoc. Official Seed Analysts, Stillwater, OK.
- Ball, R.A., L. C. Purcell, and E.D. Vories. 2000. Optimizing Soybean Plant Population for a Short-Season Production System in the Southern USA. *Crop Sci.* 40: 757-764.
- Bertram, M. G. and P. Pedersen. 2004. Adjusting management practices using glyphosate-resistant soybean cultivars. *Agron. J.* 96: 462-468.

*** end of example***

Written Assignment 1 Details

Requirements: The paper will be 3 to 4 pages in length, including references, with stated format. Include additional references if applicable. Two (2) points will be deducted for each additional line beyond 4 pages. See the rubric near the end of the syllabus for general grading guidelines.

Graduate students are expected to include additional references from refereed journal articles. See "Written Assignment 2 Details" for a list of refereed journals applicable to this class.

Written Assignment 2 Details

Length: The paper will be 7 to 10 pages in length (including references), with stated format. Acceptable references include refereed journal articles, extension publications, university research reports and related items.

Refereed Journals: Applicable refereed journals include, but are not limited to: Crop Management, Agronomy Journal, Crop Science and Soil Science Society of America Journal. If you have a question about a source, please ask the instructor before submitting the paper. Many of the refereed journals are available online through the University of Kentucky library system.

Graduate students: At least 75% of the references should be from refereed journal articles.
Undergraduate students: References

Topics: General topic areas could be:

- One crop: Corn, soybean, wheat, barley, canola, or rice
- One topic: Genetic improvement, domestication, yield increases over time, pest management, nutrient management, sustainability, soil management, specialty or premium crops, global demand, etc.

HOMEWORK ASSIGNMENTS

Homework assignments will be assigned by various instructors and could include problem sets or reports on a specific topic (usually one page). Any written homework assignments will follow the formatting guidelines under "Written Assignments".

QUIZZES

Quizzes or short compositions (up to five) will be given throughout the semester.

GROUP ASSIGNMENT

Students will be assigned to groups to work on one project. The planned activity is to have one farmer address the class about his or her operation and challenges in his or her production system. Students will work in groups to develop a report and brief presentation. Students will be graded on the written report and their presentation of their report. Students will grade each other for participation with the group.

Graduate students: In addition to the report, graduate student groups need to identify a research topic that the farmer should address. This topic area should include a hypothesis, objective and research method. The research component may be listed in bullets, or an outline.

PARTICIPATION

Points will be given for participation in the class. This includes attending classes, asking questions, contributing to team assignments, etc.

Grading System

	Number	Points
Hour Exams	2	200
Final Exam	1	100
Written Assignments†	2	100
Homework Assignments	up to 5	25
Group Assignment†	1	30
Quizzes (could be pop quiz)	up to 5	25
Participation		20
Total		500

† Graduate students have specific expectations regarding these assignments. See the sections above for more details.

Grading Scale (graduate students)

Graduate Students

- A - 90% (450 points) or above
- B - 80% (400+ points) - 89%
- C - 70% (350+ points) - 79%
- E - less than 69%
- (D is not allowed in graduate school)

Undergraduate Students

- A - 90% (450 points) or above
- B - 80% (400+ points) - 89%
- C - 70% (350+ points) - 79%
- D - 60% (300+ points) - 69%
- E - less than 60% (299- points)

Final Exam Information

Day, Date, Time

Mid-Term Grade

Mid-term grades will be posted in myUK by the deadline established in the Academic Calendar (<http://www.uky.edu/Registrar/AcademicCalendar.htm>), which is *date*.

Course Policies

Assignments are to be submitted via Blackboard on the due date before the start of class. Written assignments must be turned in by the start of class (12:00 noon EST) on the assigned deadline. There will be a late penalty of 10% per calendar day after the due date. Extensions will be granted for legitimate excuses, but permission must be obtained prior to the due date. Specific details and requirements for each assignment will be provided.

Attendance Policy

Attendance is expected and necessary for full participation in the course.

EXCUSED ABSENCES

Students need to notify the professor of absences prior to class when possible. S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit "reasonable cause for nonattendance" by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused or unexcused) per university policy.

VERIFICATION OF ABSENCES

Students may be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request "appropriate verification" when students claim an excused absence because of illness or death in the family. Appropriate notification of absences due to university-related trips is required prior to the absence.

Academic Integrity

Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of *Student Rights and Responsibilities* (available online <http://www.uky.edu/StudentAffairs/Code/part2.html>) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else's work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student's assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content

and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain (Section 6.3.1).

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Academic Accommodations

If you have a documented disability that requires academic accommodations in this course, please make your request to the University Disability Resource Center. The Center will require current disability documentation. When accommodations are approved, the Center will provide me with a Letter of Accommodation that details the recommended accommodations. Contact the Disability Resource Center, Jake Karnes, Director, at 859-257-2754 or jkarnes@email.uky.edu.

Tentative Course Schedule

Scheduled Course Times: Monday: 10:00 am – 12:50 pm EST

Week	Date	Day	Times	Speaker/Topic	Instructor
1	13-Jan-14	Monday	10:00 – 11:15 11:15 – 12:30	First Day of Class, Introduction, Overview of Grains & Oilseeds Selection of Assignments, Overview of Research Method	Lee
2	20-Jan-14	Monday	10:00 – 11:15 11:15 – 12:30	Closed, Martin Luther King, Jr. Birthday	
3	27-Jan-14	Monday	10:00 – 11:15 11:15 – 12:30	Yield Physiology Yield Physiology	Egli Egli
4	3-Feb-14	Monday	10:00 – 11:15 11:15 – 12:30	Yield Physiology Corn - Origin, Evolution, Uses	Egli Lee
5	10-Feb-14	Monday	10:00 – 11:15 11:15 – 12:30	Corn – Breeding Corn – Management 1	Lee Lee
6	17-Feb-14	Monday	10:00 – 11:15 11:15 – 12:30	Corn - Management 2 Soybean Origins and Breeding	Lee Pfeiffer
7	24-Feb-14	Monday	10:00 – 11:15 11:15 – 12:30	Soybean - Management 1 Soybean – Management 2	Lee Lee
8	3-Mar-14	Monday	10:00 – 11:15 11:15 – 12:30	EXAM 1 Practical Applications – Mike Ellis, Farmer	Lee
9	10-Mar-14	Monday	10:00 – 11:15 11:15 – 12:30	Small Grains Origin and Breeding Small Grains Management 1	Van Sanford Lee
10	17-Mar-14	Monday	10:00 – 11:15 11:15 – 12:30	SPRING BREAK Academic Holiday	
11	24-Mar-14	Monday	10:00 – 11:15 11:15 – 12:30	Small Grains Management 2 Barley and Canola	Lee Lee
12	31-Mar-14	Monday	10:00 – 11:15 11:15 – 12:30	Rice Origins, Scope and Use Rice Management	Bruening Bruening
13	7-Apr-14	Monday	10:00 – 11:15 11:15 – 12:30	EXAM 2 Grain Sorghum Origins and Development	Lee
14	14-Apr-14	Monday	10:00 – 11:15 11:15 – 12:30	Grain Sorghum Management Precision Agriculture	Lee Stombaugh
15	21-Apr-14	Monday	10:00 – 11:15 11:15 – 12:30	Group Reports on Practical Applications Group Reports on Practical Applications	Lee Lee
16	28-Apr-12	Monday	10:00 – 11:15 11:15 – 12:30	Research Protocol Development Final Comments on Cropping Systems	Lee Lee
17	5-May-12	Monday		Final Exams this Week - See latest Academic Calendar for Date and Time	

Rubrics

GRADING RUBRIC FOR PAPER ASSIGNMENT 1 IN PLS 512

Note: papers that have not followed the formatting guidelines will not be accepted.

The general question asked by the instructor is: Is this paper written well and easy to follow? Are the key points explained and does the student grasp the knowledge?

To help with those questions, the instructor will use the following rubric as a general guideline. Be careful not to "write to the rubric". It is easy to write a paper that includes all of the following in the rubric. It is challenging to write a really good paper.

Categories	Guidelines	Comments	Points	Possible
Thesis	Premise of the paper is easy to find and well-conceived.			6
Content	Bulk of the paper explains and defends the thesis. Content is accurate, current and applicable. Introduction, body and conclusions flow well.			6
Clarity	Paper is easy to read. Thought processes are easy to follow.			6
Grammar	Sentence structure, verb tense and spelling are correct.			4
References	References chosen are appropriate and balanced for the paper. References are properly cited.			3
		SUM		25
Paper Length	Two (2) points deducted for each line beyond the set limit (4 pages).			
		TOTAL		25

GRADING RUBRIC FOR ASSIGNMENT 2 IN PLS 512

Note: papers that have not followed the formatting guidelines will not be accepted

The general question asked by the instructor is: Is this paper written well and easy to follow? Are the key points explained and does the student grasp the knowledge?

To help with those questions, the instructor will use the following rubric as a general guideline. Be careful not to "write to the rubric". It is easy to write a paper that includes all of the following in the rubric. It is challenging to write a really good paper.

Categories	Guidelines	Comments	Points	Possible
Thesis	Premise of the paper is easy to find and well-conceived.			10
Content	Bulk of the paper explains and defends the thesis. Content is accurate, current and applicable.			25
Clarity	Paper is easy to read. Thought processes are easy to follow.			25
Grammar	Proper sentence structure, proper tense of verbs, correctly spelled words.			10
References	References chosen are appropriate and balanced for the paper.			5
		SUM		75
Paper Length	Two (2) points deducted for each line beyond the set limit (10 pages).			
		TOTAL		75

GROUP ASSIGNMENT RUBRIC: REPORT FOR PRODUCER

Categories	Guidelines	Comments	Points	Possible
Written Report	clear, concise, thorough			10
Presentation of Report	clear, concise, thorough, good explanation of reasons			10
Answers to Questions	addressed questions from farmer, attempted sound answers to those questions			5
Peer Evaluation	based on peer evaluation			5
		SUM		30
Length of Time	Two (2) points deducted for each 30 seconds beyond the 4 minute time limit (not counting questions).			
		TOTAL		30

Written Report: the report can be one page or less. Use 12 point fonts. 1-inch margins. All group members will receive the same score. Follow the same formatting guidelines as other written reports.

Presentation of Report: The group can ask one (1) person to give the formal presentation. The presentation should be less than four (4) minutes. All group members will receive the same score, regardless of who gives the presentation.

Answers to questions: All group members will be given the same score. This is a group effort to respond to questions posed by the farmer.

Peer Evaluation: Each group member will be evaluated by his/her peers in the group. Each group member will receive an individual score.

GROUP ASSIGNMENT RUBRIC: PEER EVALUATION

Group Member Name:

Guidelines	Comments	Points	Possible
Provided helpful thoughts to the project			5
Was helpful in writing in the report			5
Was helpful in preparing the presentation			5
Was a positive influence to the group.			5
	TOTAL		20

Note: all peer evaluations for one student will be compiled and then adjusted to include in the Group Assignment Rubric.

