

RECEIVED

OCT 24 2013
Revised
OFFICE OF THE
SENATE COUNCIL**1. General Information**

1a. Submitted by the College of: AGRICULTURE, FOOD AND ENVIRONMENT

Date Submitted: 9/12/2013

1b. Department/Division: Animal and Food Sciences

1c. Contact Person

Name: William Silvia

Email: wsilvia@uky.edu

Phone: 859-257-7545

Responsible Faculty ID (if different from Contact)

Name: William Silvia

Email: wsilvia@uky.edu

Phone: 859-257-7545

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

2. Designation and Description of Proposed Course

2a. Will this course also be offered through Distance Learning?: No

2b. Prefix and Number: ASC 777

2c. Full Title: Advanced Topics in Animal Science (subtitle required)

2d. Transcript Title: Advanced Topics in Animal Science

2e. Cross-listing:

2f. Meeting Patterns

OTHER: 1-4

2g. Grading System: Letter (A, B, C, etc.)

2h. Number of credit hours: 1- 4

2i. Is this course repeatable for additional credit? Yes

If Yes: Maximum number of credit hours: 8

If Yes: Will this course allow multiple registrations during the same semester? Yes

2j. Course Description for Bulletin: Intensive study in a unique aspect of animal agriculture not covered in other graduate courses currently offered. May be repeated under a different subtitle two times to a maximum of 8 credits.

2k. Prerequisites, if any: Permission of instructor

2. Supplementary Teaching Component:

3. Will this course taught off campus? No

If YES, enter the off campus address:

4. Frequency of Course Offering: Spring,

Will the course be offered every year?: No

If No, explain: Course will be offered as dictated by faculty interest

5. Are facilities and personnel necessary for the proposed new course available?: Yes

If No, explain:

6. What enrollment (per section per semester) may reasonably be expected?: 10

7. Anticipated Student Demand

Will this course serve students primarily within the degree program?: Yes

Will it be of interest to a significant number of students outside the degree pgm?: No

If Yes, explain: [var7InterestExplain]

8. Check the category most applicable to this course: Traditional – Offered in Corresponding Departments at Universities Elsewhere,

If No, explain:

9. Course Relationship to Program(s).

a. Is this course part of a proposed new program?: No

If YES, name the proposed new program:

b. Will this course be a new requirement for ANY program?: No

If YES, list affected programs:

10. Information to be Placed on Syllabus.

a. Is the course 400G or 500?: No

b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from **10.a** above) are attached: 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|LGRABAU|Larry J Grabau|ASC 777 NEW College Review|20130926

SIGNATURE|RHARMON|Robert J Harmon|ASC 777 NEW Dept Review|20130508

SIGNATURE|ZNNIKO0|Roshan N Nikou|ASC 777 NEW Graduate Council Review|20131024

SIGNATURE|RHARMON|Robert J Harmon|ASC 777 NEW Dept Review|20131014

SIGNATURE|LGRABAU|Larry J Grabau|ASC 777 NEW College Review|20131022

SIGNATURE|JEL224|Janie S Ellis|ASC 777 NEW Senate Council Review|20131028

SIGNATURE|ZNNIKO0|Roshan N Nikou|ASC 777 NEW Graduate Council Review|20131024

SIGNATURE|LGRABAU|Larry J Grabau|ASC 777 NEW Approval Returned to College|20131031

Courses	Request Tracking
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New Course Form

https://myuk.uky.edu/sap/bc/soap/rfc?services=

Open in full window to print or save

Generate R

Attachments:

Browse...

Upload File

	ID	Attachment
Delete	2298	ASC 777 syllabus example for GC, Sep 26.pdf
Delete	2396	ASC 777 sample syllabus.pdf

First 1 Last

Select saved project to retrieve...

Get New

(*denotes required fields)

1. General Information

- a. * Submitted by the College of: AGRICULTURE, FOOD AND ENVIRONMENT Submission Date: 9/12/2013
- b. * Department/Division: Animal and Food Sciences
- c.
 - * Contact Person Name: William Silvia Email: wsilvia@uky.edu Phone: 859-257-7545
 - * Responsible Faculty ID (if different from Contact): William Silvia Email: wsilvia@uky.edu Phone: 859-257-7545
- d. * Requested Effective Date: Semester following approval OR Specific Term/Year 1:
- e.
 - Should this course be a UK Core Course? Yes No
 - If YES, check the areas that apply:
 - Inquiry - Arts & Creativity Composition & Communications - II
 - Inquiry - Humanities Quantitative Foundations
 - Inquiry - Nat/Math/Phys Sci Statistical Inferential Reasoning
 - Inquiry - Social Sciences U.S. Citizenship, Community, Diversity
 - Composition & Communications - I Global Dynamics

2. Designation and Description of Proposed Course.

- a. * Will this course also be offered through Distance Learning? Yes No
- b. * Prefix and Number: ASC 777
- c. * Full Title: Advanced Topics in Animal Science (subtitle required)
- d. Transcript Title (if full title is more than 40 characters): Advanced Topics in Animal Science
- e. To be Cross-Listed with (Prefix and Number):
- f. * Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours² for each meeting pattern type.

<input type="checkbox"/> Lecture	<input type="checkbox"/> Laboratory ²	<input type="checkbox"/> Recitation	<input type="checkbox"/> Discussion
<input type="checkbox"/> Indep. Study	<input type="checkbox"/> Clinical	<input type="checkbox"/> Colloquium	<input type="checkbox"/> Practicum
<input type="checkbox"/> Research	<input type="checkbox"/> Residency	<input type="checkbox"/> Seminar	<input type="checkbox"/> Studio
<input type="checkbox"/> 1-4 Other	If Other, Please explain:		Faculty will use this course title to teach new courses that may or may
- g. * Identify a grading system: Letter (A, B, C, etc.) Pass/Fail Graduate School Grade Scale
- h. * Number of credits: 1-4
- i. * Is this course repeatable for additional credit? Yes No
 - If YES: Maximum number of credit hours: 8
 - If YES: Will this course allow multiple registrations during the same semester? Yes No

j. * Course Description for Bulletin:

Intensive study in a unique aspect of animal agriculture not covered in other graduate courses currently offered. May be repeated under a different subtitle two times to a maximum of 8 credits.

k. Prerequisites, if any:

Permission of instructor

l. Supplementary teaching component, if any: Community-Based Experience Service Learning Both

3. * Will this course be taught off campus? Yes No

If YES, enter the off campus address:

4. Frequency of Course Offering.

a. * Course will be offered (check all that apply): Fall Spring Summer Winter

b. * Will the course be offered every year? Yes No

If No, explain: Course will be offered as dictated by faculty interest

5. * Are facilities and personnel necessary for the proposed new course available? Yes No

If No, explain:

6. * What enrollment (per section per semester) may reasonably be expected? 10

7. Anticipated Student Demand.

a. * Will this course serve students primarily within the degree program? Yes No

b. * Will it be of interest to a significant number of students outside the degree pgm? Yes No

If YES, explain:

8. * Check the category most applicable to this course:

Traditional -- Offered in Corresponding Departments at Universities Elsewhere

Relatively New -- Now Being Widely Established

Not Yet Found in Many (or Any) Other Universities

9. Course Relationship to Program(s).

a. * Is this course part of a proposed new program? Yes No

If YES, name the proposed new program:

b. * Will this course be a new requirement ² for ANY program? Yes No

If YES ², list affected programs::

10. Information to be Placed on Syllabus.

a. * Is the course 400G or 500? Yes No

If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identify additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR

b. * The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable above) are attached.

- ⁸¹ Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.
- ⁸² The chair of the cross-listing department must sign off on the Signature Routing Log.
- ⁸³ In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, is two hours per week for a semester for one credit hour. (from SR 5.2.1)
- ⁸⁴ You must also submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.
- ⁸⁵ In order to change a program, a program change form must also be submitted.

Rev 8/09

Submit as New Proposal Save Current Changes

Class meets Friday from 12:00 to 1:50 PM in Room A10 Ag. North

Primary Instructor

Dr. Jeffrey Bewley
407 WP Garrigus Building
jbewley@uky.edu
859-257-7543 (Office)
859-699-2998 (Cell)

Teaching Assistant

Ms. Di Liang
411 WP Garrigus Building
di.liang@uky.edu
(859) 948-8214

Course Description

An animal sciences course for graduate students in the College of Agriculture, which provides a broad survey of management issues impacting rapidly changing modern livestock production enterprises. Emphasis is placed on the practical application of business management and strategic decision making as applied to the livestock enterprise. Using a systems approach, concepts of traditional animal science disciplines are integrated into concepts covered throughout the course. This course utilizes the spreadsheet to develop a framework of skills for helping livestock producers make decisions that are more informed.

Learning Objectives

By the end of the course, successful students:

- will be able to describe key management considerations for livestock enterprises
- will be able to relate those practices to animal biology
- will be able to compare and evaluate alternative management practices with respect to economics and sustainability of the practices
- will be able to develop a dashboard to support a decision faced by a livestock enterprise.
- will have demonstrated the ability to search the literature and find pertinent information related to issues affecting livestock enterprises.
- will develop skills in critical thinking, problem solving, and communication skills through class writing assignments and presentations
- enhance data gathering, assimilation, and communication skills through written and spreadsheet assignments and presentations

Grading Procedures:

The following assignments will be scored with maximum possible scores as indicated.

Assignments	Points
Business Paper Homeworks (20 points each)	= 200
Investment Analysis Homework	= 50
Webinar Homeworks (50 points each)	= 100
Business Paper Presentations	= 200
Decision Support Tool	= 450
Total points	= 1000

Letter grades will be assigned according to the following percentage scores.

A = 90% or greater	B = 80% up to 90%	C = 70% up to 80%
D = 60% up to 70%	E = less than 60%	

Attendance. All excused absences should be emailed to Dr. Bewley (jbewley@uky.edu) before the class period that will be missed. Persons with excused absences (according to University policy or with the instructor's prior approval) are eligible to make up the material. In such cases, if it is not feasible to create a comparable assignment, and if the student agrees, the assignment may be excluded as a factor in the final grade.

Late Policy: Assignments turned in after the due date/time, if accepted, will be penalized 10% for each calendar day late.

Assignments:

You will have numerous assignments which will require a variety of writing efforts. Some assignments have specific and significant requirements which you will find on Blackboard. You have been automatically enrolled by the registrar. If you cannot get on, let me know and I will forward some directions from the Blackboard coordinator. All assignments are due to be posted to Blackboard before class on the date listed. No paper or email copies will be accepted. In the event that Blackboard is down or the student is having difficulty with Blackboard, the assignment may be emailed to Dr. Bewley.

All cell phones, pages, iPhones, iPads, PDAs, and other electronic devices must be turned off while class is in session.

Cheating & Plagiarism. The University of Kentucky expects that you will submit only your own original work on exams and assignments. The rules and penalties related to cheating and plagiarism are found in Senate Rule 6.3.0. If you have questions you may wish to review comments from the Academic Ombud found at <http://www.uky.edu/Ombud/Plagiarism.pdf>. We live in an information age. It is appropriate, and regarded as an ethical requirement in our culture, that we give due credit to our sources of information. Failure to cite materials appropriately may result in charges of plagiarism. If you have any questions regarding the need for or process of citing materials please consult the instructor before submitting the final draft.

Disability Resources. The University of Kentucky strives to provide an inclusive learning environment. If you have specific needs relating to the learning process, please register with the Disability Resource Center (Rm 2, Alumni Gym; 257-2754) or <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/> and obtain information on available assistance.

Harvard Business Review Homeworks

For each Harvard Business Review paper, you will complete this homework assignment. Your answers should be thoughtful and demonstrate that you have actually read the assigned material. If your answers appear to be only cursory, you will not receive full credit. You should write a minimum of ½ page (12 point font, Times New Roman, single spaced, 1" margins) for each paper. You will answer the following three questions for each paper.

1. What are the most useful (list 4) ideas you learned from this reading?
2. How can the concepts discussed here be applied to management of a livestock farm?
3. What further questions (list at least 2) do you have about this topic?

Reading Assignment Presentations

Each student will provide a presentation for the readings assigned to them. You will essentially be teaching the material described in your reading. Your presentations should be 20 minutes long. Starting at 18 minutes, 10 points will be deducted from your presentation grade if you do not use the allotted time. You will be responsible for summarizing and explaining all the topics described in your reading. You will be assigned a reading during the first class period. Trades of presentation topics are acceptable.

Decision Support Tool/Dashboard Development

After building the foundation of livestock economic analysis and seeing existing decision support tools, your next task is to develop your own decision support tool. You will be developing a decision dashboard similar to the milk quality dashboard (<http://www2.ca.uky.edu/afsdairy/MilkQualityCalculator>) or the dairy housing investment dashboard (<http://www2.ca.uky.edu/afsdairy/DairyHousingInvestment>). You can choose what topic and species you would like to evaluate but the topic must be approved by the instructor and must be one that does not have an existing similar tool online. In addition to developing the dashboard, you will need to provide at least a two-page (single space, 12 point font) instruction manual for your dashboard with examples. Ultimately, this dashboard may be published either in a trade magazine or applied peer-reviewed journal. Graduate students must have their dashboard reviewed by an extension faculty member in their discipline and be prepared to publish their dashboard online by the end of the semester. Finally, you will provide a 20 minute presentation demonstrating the utility of your dashboard including instruction on how to use it, information used to build the model, and a couple examples of how it could be used.

Dashboard Project Deadlines:

Idea (Paragraph description emailed to Dr. Bewley): September 7, 50 points

Spreadsheet Draft: September 21, 50 points

Final Spreadsheet: October 21, 100 points

Dashboard Draft: November 9, 100 points

Final Dashboard: November 30 or December 7, 100 points

Dashboard Presentation: November 30 or December 7, 100 points

Date	Friday 12:00-1:50 PM Topic	Assignments Due
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Friday, September 07, 2012	Partial Budgets and Investment Analysis	Decision Support Tool Idea
Friday, September 14, 2012	The Power of Excel: Spreadsheet Lab	Investment Analysis/Partial Budget Homework
Friday, September 21, 2012	Five Functions of Management (McAllister Guest Lecture)	Decision Support Tool Spreadsheet Draft
Friday, September 28, 2012	Business Paper Student Presentations	Business Paper Presentation (Group 2)/ Business Paper Homeworks (All)
Friday, October 05, 2012	Webinar: Volatility and the Livestock Industry	Volatility Webinar Homework (All)
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Friday, November 02, 2012	Animal Health Economics (Di Liang Guest Lecture)	
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Friday, November 16, 2012	Financial Statements and Ratios	
Friday, November 23, 2012	Thanksgiving	
Friday, November 30, 2012	Decision Support Tool Student Presentations	Decision Support Tool (Group 1)
Friday, December 07, 2012	Decision Support Tool Student Presentations	Decision Support Tool (Group 2)

Business Review Papers

*Competing on Analytics

*The Five Competitive Forces that Shape Strategy

Before You Make That Big Decision

How to Write a Great Business Plan.

*Reinventing Your Business Model.

The Quest for Resilience.

What Makes a Leader?

Technology, Tradition, and the Mouse

Building Resilience

Strategies for Learning from Failure

Six Ways to Get People to Solve Problems without You

Learning to Live with Complexity

Lean Knowledge

*How Great Companies Think Differently

The New Science of Building Great Teams

Make Your Enemies Your Allies

Are You Solving the Right Problem

*Big Data, Analytics, and the Path From Insight to Value

Four Principles of Enduring Success

Class meets Friday from 12:00 to 1:50 PM in Room A10 Ag. North

Primary Instructor

Dr. Jeffrey Bewley
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jbewley@uky.edu
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B = 80% up to 90%

C = 70% up to 80%

E = less than 70%

I reserve the right to adjust grades up if I think that is appropriate, but I will not increase the percentage requirements from those listed. While I do not anticipate giving any failing grades, I will not hesitate to do so if your performance is inconsistent with the granting of college credits.

Attendance. Your attendance is important. This includes mental attendance as well as physical attendance. Class attendance is taken very seriously, as is attendance in the workplace. All excused absences should be emailed to Dr. Bewley (jbewley@uky.edu) before the class period that will be missed. Persons with excused absences (according to University policy or with the instructor's prior approval) are eligible to make up the material. In such cases, if it is not feasible to create a comparable assignment, and if the student agrees, the assignment may be excluded as a factor in the final grade.

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Respect

Respect for your fellow classmates, instructors, and guest lecturers is imperative. Listen and express opinions in a respectful manner. Respect also includes refraining from interfering with your classmates learning environment. **All cell phones, pages, iPhones, iPads, PDAs, and other electronic devices must be turned off while class is in session.** No texting, emailing, instant messaging, or Facebook surfing will be tolerated. These activities indicate a lack of respect for your classmates and the instructor. If distractions become a problem, you may be asked to leave the classroom. If you have a special need to keep your phone on during class, please let the instructor know before class starts and sit in a location where you can discreetly exit the classroom should you receive the call you must take. If you choose to ignore this requirement, you will receive **a 1% reduction in your final grade, per incident.** For example, if your final grade in the class is a 90% and you have violated this policy twice, your final grade in the class will be adjusted to 88%.

Punctuation and punctuality

In general: communications will be expected to conform to standard usage of the English language with respect to spelling, syntax, and punctuation. Many job opportunities never reach the interview stage because a potential employer was discouraged by the applicant's lack of understanding of Standard English and grammar. Learn to spell technical terms correctly. An incorrectly spelled word may count as an error (as often as it occurs).

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ASC 783/GEN 300 ANIMAL DECISIONS AND DIAGNOSTICS FALL 2012

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Strategies for Learning from Failure

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