**KENTUCKY STATE UNIVERSITY**
**FACULTY SENATE**
**CURRICULUM COMMITTEE**

**CURRICULAR/PROGRAM CHANGE TRACKING DOCUMENT**

**ACADEMIC UNIT:** Aquaculture Research Center  
**DATE SUBMITTED:** 11/6/13

1. **BRIEF EXPLANATION OF PROPOSED CHANGE:**
   Changing title of course to show that it is an AFE course, instead of an AQU course.
   Removing the requirement of a lab, so that the course is a 3-credit hour, lecture-only course.

2. **CHECK ITEM(s) BELOW FOR CHANGES DESIRED:**

   - [ ] New Degree Certification
   - [ ] Deletion of Degree or Certification
   - [ ] New or Revised Major
   - [ ] Deletion of Course
   - [ ] New or Revised Minor
   - [ ] Revised Degree or Certification
   - [X] New Course(s)
   - [ ] Revised Course
   - [ ] Course Level (number) Change
   - [ ] Other (specify below):

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**I. Dean's Action:**

- [X] Approved
- [ ] Disapproved
- [ ] Returned for Recommended Change

(Signature) [Signature] Date: 11/18/13

**II. Curriculum Committee Action:**

- [X] Approved
- [ ] Disapproved
- [ ] Returned for Recommended Change

Chairperson: (signature) [Signature] Date: 11/26/2013

**III. Faculty Senate Action:**

- [X] Approved
- [ ] Disapproved
- [ ] Returned for Recommended Changes

Senate President (signature) [Signature] Date: 11/20/13

**IV. Provost/Vice President Academic Affairs (not required for courses):**

- [ ] Approved
- [X] Disapproved
- [X] Returned for Recommended Change

Provost/VPAA (Signature) [Signature] Date: 11/26/13

**V. President's Action (not required for courses):**

- [ ] Approved
- [ ] Disapproved
- [ ] Returned for Recommended Change

President (Signature) Date:

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*Final Faculty Senate Approved form As Of 9/15/06*

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*Please attach all curriculum revisions for all related majors and minors.*

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*Kentucky State University is an equal educational and employment opportunity/affirmative action institution*
**Course Change Proposal**

**Academic Unit:** Aquaculture Research Center

**Date Prepared:** 11/6/13

**Primary Author(s):** Dr. Sid Dasgupta  

**Academic Discipline**

**Faculty Approved:**  
(Committee Chairperson's Signature)  

**Chairperson/Dean Approved:**  
(Co-chairperson/Dean Signature)  

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1. **Current Course Number:** Change from AQU 425 to AFE 425

2. **Current Course Title (Limited to 32 Spaces Including Blanks):**

   **Change from** "Aquaculture Economics and Marketing" **TO** "Agricultural Economics and Marketing"

3. **Starting With:**  
   - Fall, ___ Spring, ___ Summer: 2014 - ___ Academic Year

4. **Crosslisting Departments** (attach supporting letters):
   1) ___________________________  
   2) ___________________________  

5. **Check Item(s) Below for Changes Desired:**

   - X Course Number
   - X Credits
   - ___ Planned Offering
   - ___ Course Level
   - X Course Title
   - ___ Grading System
   - X Catalogue Description
   - ___ Required Status
   - ___ Crosslist Status
   - ___ Prerequisites
   - ___ Delete Course
   - ___ Other

6. **Explanation/Justification for Requested Change(s). Enter Both Current and Proposed Data for Each Change** (use additional pages as necessary):

   CAFSSS students need an undergraduate course in agricultural economics and marketing and mine is the only such course being offered at KSU. Currently the students are taking an equivalent course at UK and it is becoming a problem for KSU to handle. It is a lot easier for them to take this course at KSU instead.

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Final Faculty Senate Approved Form as of 10/4/89

**Kentucky State University is an equal educational and employment opportunity/affirmative action institution**
1. NEW COURSE NUMBER: AFE 425

2. NEW COURSE TITLE: Agricultural Economics and Marketing

3. CAPSULE STATEMENT OF COURSE CONTENT FOR CATALOG: Understanding the economics of agricultural production. Training in the decision-making tools available to agribusiness managers. Using agricultural financial analyses for making management decisions. Understanding the food marketing system and how prices are established in markets.

4. DESCRIPTION OF COURSE CONTENT FOR COURSE SYLLABUS: Understanding the economics of agricultural production. Training in the decision-making tools available to agribusiness managers. Using agricultural financial analyses for making management decisions. Understanding the food marketing system and how prices are established in markets.

5. PREREQUISITES: Mathematics 120 or 125 or consent of instructor

6. REQUIRED COURSE: _____ Yes _____ No

7. CREDITS: (a) Number: 3

   (b) Variable credit Explanation: ________________________________

   (c) Will course be repeatable for credit: X Yes _____ No

   (d) Grading systems permitted: X A-F ____ P/F _____ Credit/No Credit

   Exceptions: ________________________________

8. Course Level: _____ Elementary

Final Faculty Senate Approved Form as of 10/4/89
CURRICULUM CHANGE PROPOSAL

ACADEMIC UNIT: ________________________
COURSE NUMBER: ________________________

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___ Intermediate
    X Intermediate/Advanced
    ___ Advanced

9. CROSSLISTING DEPARTMENTS (attach supporting letters):

10. SCHEDULING PLAN: ___ Each semester
        ___ Annually
            X Biennially
        ___ Occasionally

11. STARTING WITH:
        ___ Fall, X Spring, ___ Summer: 2014 Academic Year

12. IS THIS A “SPECIAL TOPICS” COURSE? ___ Yes  X No

13. EXPLANATION OF NEED FOR THE SPECIFIC COURSE:
    Agriculture students at KSU must have training in agricultural economics, agribusiness
    management, and agricultural marketing

14. RELATIONSHIP TO OTHER LIKE COURSES IN THE DISCIPLINE/UNIVERSITY:
    There are no other courses at KSU that are similar to this course

15. COURSE WHICH MAY BE DROPPED AS A RESULT OF THIS PROPOSAL:
    AQU 425

16. INSTRUCTIONAL STAFF (if non-faculty, attach Vita): Dr. Sid Dasgupta

17. COURSE SYLLABUS AND TEXT REFERENCE:

    Course text is a compilation of typed notes by Dr. Dasgupta. These are provided at no charge to
    the students.
    Please attach. Include methods the instructor will use to evaluate student performance and a
    bibliography of available and needed references for Blazer Library.
AFE- 425
Agricultural Economics and Marketing: Course Syllabus; 3hrs lecture/wk

Institution: Kentucky State University
College: CAFSSS
Division: Aquaculture
Semester: Spring
Course Number & Title: AFE 425, Agricultural Economics and Marketing
Credit Hours: 3
Prerequisites: Mathematics 120 or 125 or consent of instructor.
Meeting Location: Aquaculture Research Center, Room 102
Meeting Days/Time: Lecture: Tuesdays & Thursdays 12:00p.m.-1:15 p.m.;
Instructor: Dr. Sid Dasgupta
Office Location: Aquaculture Research Center, Room 119
Office Phone: (502) 597-5036
Email Address: Siddhartha.Dasgupta@KYSU.edu
Office Hours: Tuesdays & Thursdays 10:00a.m.-11:00 a.m.

Attendance Policy: You must attend all classes. I take attendance for each class. We will be covering course material at a rapid pace. Missing one class will make it hard to catch up. Missing a week of classes could make it extraordinarily difficult to catch up. If you miss examinations/quizzes with university-approved excuses, I will prepare make-up examinations provided you can show documentation for the absence (e.g., doctor’s note). However, I reserve the right to make different make-up examinations from the one(s) you missed.

Grading Policy:
Students will be evaluated based on:

- Three examinations, each accounting for 25% of their course grade
  - The major examinations could be part class-written and part take-home
  - All examinations are NON-cumulative in the course-material in which the students will be held responsible, unless otherwise stated by the instructor.

- In-class participation, homework assignments & pop-quizzes accounting for 25% of course grade

The total numerical grade will be calculated at the end of the semester and a letter-grade will be assigned based on the following distribution: ‘A’ (90% and above), ‘B’ (80% to 89%), ‘C’ (70% to 79%), ‘D’ (60% to 69%) and ‘F’ (less than 60%). Rounding of final numerical course grade is based on the premise that any number with a decimal component greater than or equal to 0.5 will be rounded up to the next higher integer. Any number with a decimal component less-than 0.5 will be rounded down to the next lower integer. I will also be giving homework and reading assignments that will not be graded.

Course Text: Dasgupta S. 2006. Aquaculture Economics, Agribusiness Management, and Marketing. Printed Notes, Kentucky State University, Frankfort, KY 40601. This book will be supplied for free by the instructor.

Course Description: This course discusses economics, farm management, and marketing from an agricultural, and aquaculture, perspective. The focus is on economic relations that would
apply to aquaculture and agriculture, in general. Most economics discussions will be presented by drawing graphs instead of writing formulas, although some formulas will also be discussed. The main goal is to prepare students to have the ability to manage a farm from a production, marketing, financial, and business planning perspective. Overall, the course will use a practical approach that would appeal to the understanding of most students.

**Learning Outcomes:**
- Learning production economics relation between inputs and outputs
- Learning farm management planning, record-keeping, and decision making
- Learning agribusiness management, including capital budgeting, and farm financial management
- Learning characteristics of agricultural markets
- Learning how market prices are determined through different competitive forces

<table>
<thead>
<tr>
<th>Course Content and Schedule of Tests</th>
<th>Expected skills at completion of each topic</th>
<th>Expected Timing</th>
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<tbody>
<tr>
<td><strong>Topics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Economics of agricultural production</td>
<td>Determine the economically efficient level of production. Explain the differences between maximum production, profit-maximizing production, and cost-minimizing production. Know how to allocate resources efficiently in multi-product farms. Develop enterprise budgets and breakeven production analyses.</td>
<td>Weeks 1-4 Test 1 at end of Topic 1</td>
</tr>
<tr>
<td>2. Agribusiness management</td>
<td>Develop a marketing strategy for an agribusiness. Develop an operations strategy for an agribusiness. Develop a resource strategy for an agribusiness. Develop a financial and risk management strategy for an agribusiness.</td>
<td>Weeks 5-8 Test 2 at end of Topic 2</td>
</tr>
<tr>
<td>3. Agricultural marketing</td>
<td>Know how product prices are determined in markets? Understand different types of agricultural markets and related transactions costs. Understand the characteristics of agricultural production, food processing and retailing industries and their influence on food marketing</td>
<td>Weeks 9-12 Test 3 is the final examination</td>
</tr>
</tbody>
</table>