

## Course Information

Date Submitted: 1/29/2013

Current Prefix and Number: BAE - Biosystems &Ag Engineering , BAE 402 - BIOSYS &AG ENGINEERING DESIGN I

Other Course:

Proposed Prefix and Number:

What type of change is being proposed?

Major Change

Should this course be a UK Core Course? Yes

Inquiry - Arts &Creativity

## 1. General Information

a. Submitted by the College of: College of Engineering

b. Department/Division: Engineering

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: Czarena Crofcheck

Email: [crofcheck@uky.edu](mailto:crofcheck@uky.edu)

Phone: 7-3000x212

Responsible Faculty ID (if different from Contact)

Name:

Email:

Phone:

f. Requested Effective Date

Semester Following Approval: Yes OR Effective Semester:

## 2. Designation and Description of Proposed Course

a. Current Distance Learning (DL) Status: N/A

b. Full Title: BIOSYSTEMS AND AGRICULTURAL ENGINEERING DESIGN I

Proposed Title: BIOSYSTEMS ENGINEERING DESIGN I

c. Current Transcript Title: BIOSYS &AG ENGINEERING DESIGN I

Proposed Transcript Title: BIOSYS ENGINEERING DESIGN I

d. Current Cross-listing: none

Proposed – ADD Cross-listing :

Proposed – REMOVE Cross-listing:

e. Current Meeting Patterns

LECTURE: 1

LABORATORY: 2

Proposed Meeting Patterns

LECTURE: 1

LABORATORY: 2

f. Current Grading System: ABC Letter Grade Scale

Proposed Grading System: PropGradingSys

g. Current number of credit hours: 2

Proposed number of credit hours: 2

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: A design course for seniors in BAE requiring students to solve open-ended problems. Students will use previously learned engineering principles to produce actual designs which will be built and analyzed in BAE 403.

Proposed Course Description for Bulletin: A design course for seniors in BAE requiring students to solve open-ended problems. Students will use previously learned engineering principles to produce actual designs which will be built and analyzed in BAE 403.

2j. Current Prerequisites, if any: Prereq: BIO 150, 152; prereq or concur: BAE 417 or BAE 447.

Proposed Prerequisites, if any:

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? No

If YES, explain and offer brief rationale:

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: No

## 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|RJSWEI2|Richard J Sweigard|College approval for ZCOURSE\_CHANGE BAE 402 (MINOR CHANGE)|20121015

SIGNATURE|JEL224|Janie S Ellis|Senate Council approval for ZCOURSE\_CHANGE BAE 402 (MINOR CHANGE)|20121015

SIGNATURE|WF-BATCH|Batch User|Get the department head person|20130128

SIGNATURE|KCROUCH|Kathryn F Crouch|College approval for ZCOURSE\_CHANGE BAE 402|20130128

SIGNATURE|WF-BATCH|Batch User|Subworkflow for GenEd Expert review|20130128

SIGNATURE|KCROUCH|Kathryn F Crouch|UKCEC Expert review ZCOURSE\_CHANGE BAE 402|20130128

SIGNATURE|KCROUCH|Kathryn F Crouch|UKCore approval for ZCOURSE\_CHANGE BAE 402|20130128

SIGNATURE|JMETT2|Joanie Ett-Mims|Undergrad Council approval for ZCOURSE\_CHANGE BAE 402|20130128