TO: The Faculty of the College of Engineering
FROM: The Faculty of Agricultural and Biological Engineering
RE: Deletion of ABE 52600

The faculty of the Department of Agricultural and Biological Engineering have approved the deletion of the following course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**ABE 52600 Watershed Systems Design**

Sem 2. Class 3, Cr. 3

**Prerequisites:**

Hydrologic design of upland water management systems for erosion control, water utilization, and run-off control; spatial analysis using Geographic Information Systems (GIS); examination of economic factors; analysis and design of composite systems for agricultural watersheds.

**Reason:** This course has not been taught for approximately seven years and there is no demand for the course as a result of curriculum changes and new course offerings. Other courses currently offered by ABE on similar or related topics include ABE 32500 Soil and Water Resource Engineering; ABE 52200 Ecohydrology; ABE 52500 Irrigation Management and Design; ABE 52600 Watershed Systems Design; ABE 52700 Computer Models in Environmental and Natural Resources Engineering; ABE 52900 Nonpoint Source Pollution Engineering; and ABE 62800 Advances in Modeling Environmental and Natural Resources Systems.

[Bernard A. Engel, Professor and Head]
Agricultural and Biological Engineering Department

[Signature]

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Approved for the Faculty of the Schools of Engineering by the Engineering Curriculum Committee: 06/21/13

[Signature]

Approved by Chairman ECC: [Signature] 2-1-13
PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A GRADUATE COURSE
(60000-80000 LEVEL)

DEPARTMENT Agricultural and Biological Engineering
EFFECTIVE SESSION Spring 2013

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- New course with supporting documents (complete proposal form)
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit type
- Change in course attributes
- Change in instructional hours
- Change in course description
- Change in course requisites
- Change in semesters offered
- Transfer from one department to another

PROPOSED:

Subject Abbreviation
Course Number
Long Title: Watershed Systems Design
Short Title

EXISTING:

Subject Abbreviation ABE
Course Number 52500

CAMPUS(ES) INVOLVED
Calumet
Cont Ed
Purdue
N. Central
Tech Statewide
West Lafayette
Indianapolis

CREDIT TYPE

<table>
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<tr>
<th>1. Fixed Credit: Cr. Hrs.</th>
<th>2. Variable Credit Range: Minimum Cr. Hrs. (Check One)</th>
<th>3. Repeatable</th>
<th>4. Equivalent Credit: Yes</th>
<th>5. Thesis Credit: Yes</th>
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TERM OFFERED

Check All That Apply:
- Fall
- Spring
- Summer

COURSE ATTRIBUTES

- Registration Approval Type
  - Department
  - Instructor
- Maximum Repeatable Credit:
- Credit by Examination
- Special Fees
- Other Campus Experience

SCHEDULE TYPE

- Lecture
- Recitation
- Presentation
- Laboratory
- Lab Prep
- Studio
- Studio
- Distance
- Clinic
- Clinical
- Experiential
- Research
- Ind. Study
- Practicum

% OF CREDIT ALLOCATED

- Minutes Per Min
- Meetings Per Week
- Weeks Offered

RECEIVED

JUN 17 2013
OFFICE OF THE REGISTRAR

OFFICE OF THE REGISTRAR

MAY 23 2013

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Calumet Department Head Date
Calumet School Dean Date
Calumet Undergrad Curriculum Committee Date

Fort Wayne Department Head Date
Fort Wayne School Dean Date
Fort Wayne Chancellor Date

Indianapolis Department Head Date
Indianapolis School Dean Date
Undergrad Curriculum Committee Date

N. Central Department Head Date
N. Central School Dean Date
Undergrad Curriculum Committee Date

West Lafayette Department Head Date
West Lafayette School Dean Date
Undergrad Curriculum Committee Date

Graduate Area Committee Convener Date
Graduate Dean Date
West Lafayette Registrar Date

OFFICE OF THE REGISTRAR

Lpb13
Purdue University

Request for Addition, Expiration, or Revision of a Graduate Course

(50000-60000 Level)

Department: Agricultural and Biological Engineering

Effective Session: Spring 2013

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

1. New course with supporting documents (complete proposal form)
2. Add existing course offered at another campus
3. Expiration of a course
4. Change in course number
5. Change in course title
6. Change in course credit/type

PROPOSED:

Subject Abbreviation: ABE
Course Number: 52800
Long Title: Watershed Systems Design
Short Title: Watershed Systems Design

EXISTING:

Subject Abbreviation: ABE
Course Number: 52800
Long Title: Watershed Systems Design
Short Title: Watershed Systems Design

TERMS OFFERED: Check All That Apply:

- [ ] Fall
- [ ] Spring
- [ ] Summer

CAMPUS(ES) INVOLVED:

- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- N. Central
- Tech Statewide
- W. Lafayette

Abbreviated title will be entered by the Office of the Registrar if omitted. (20 characters only)

CREDIT TYPE:

1. Fixed Credit: Credit Hrs.:
2. Variable Credit Range: Minimum Cr. Hrs. (Check One) To
   Maximum Cr. Hrs. 3. Equivalent Credit: Yes No
   4. Thesis Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

1. Pass/Not Pass Only
2. Satisfactory/ Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Special Fees
6. Registration Approval Type
   Department
   Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

Schedule Type

Lecture
Radiation
Presentation
Laboratory
Lab Prep
Studio
Distance
Clinic
Experiential
Research
Ind. Study
Prac/Observe

Minutes Per Week
Meetings Per Week
Weeks Offered
% of Credit Allocated

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Calumet Department Head: Date
Calumet School Dean: Date
Calumet Undergrad Curriculum Committee: Date

Fort Wayne Department Head: Date
Fort Wayne School Dean: Date
Fort Wayne Chancellor: Date

Indianapolis Department Head: Date
Indianapolis School Dean: Date
Undergrad Curriculum Committee: Date

North Central Department Head: Date
North Central School Dean: Date
Date Approved by Graduate Council:

West Lafayette Department Head: Date
West Lafayette College/School Dean: Date
Graduate Council Secretary: Date

Graduate Area Committee Convener: Date
West Lafayette Registrar: Date

Office of the Registrar

20-13