

From: Fellure, Debra S.
Sent: Monday, April 21, 2014 3:35 PM
To: Shafer, Marsha L
Cc: Minix, L Adele
Subject: RE: Missing Form 40G

Hi Marsha,

IE 54800 was on the 50000-60000 course audit list which was expired in February. The form was returned to Steve Landry on February 21, 2014.

Best regards,
Debbie

Debra S. Fellure
The Purdue University Graduate School
Graduate Programs Office
YONG 160
765-494-6963
dfellure@purdue.edu

From: Shafer, Marsha L
Sent: Monday, April 21, 2014 2:30 PM
To: Fellure, Debra S.
Subject: Missing Form 40G

Deb;
Back in February, I sent you several Form 40Gs from IE:

EFD 15-14	IE 53500
EFD 16-14	IE 53700
EFD 17-14	IE 53800
EFD 18-14	IE 54800
EFD 19-14	IE 55900
EFD 20-14	IE 58100

I have received everything back through the Registrar's office, except the one for IE 54800. Adele Minix has checked and said that she did not receive it. Possibly pages got stuck together when going through a copier/scanner and it was missed. In any event, please forward a signed copy to the Registrar so that it can be processed and I can receive a completed form.

I have attached a copy of what I sent you.

Thank you,
Marsha

TO: The Faculty of the College of Engineering

FROM: The Faculty of the School of Industrial Engineering

RE: Change to graduate-level course IE 54800 prerequisite

From: IE 54800 – Knowledge-Based Systems

Term Offered: Spring; Lecture 3, Cr. 3

Prerequisites: Graduate Standing or Junior/Senior standing and CS 15600

Description: Intelligent industrial systems. Expert-system and knowledge-based decision and control examples. Propositional logic, resolution principle for deduction, Horn-clause systems of logic, Dempster-Shafer uncertainty measures. Introduction to LISP and/or PROLOG. Knowledge representation schema, frames, objects and inheritance, semantic networks, rule-based representations, interface with corporate databases. Search in symbolic spaces, AND-OR trees, A-star search. Knowledge acquisition, learning by example, Kelly construct approach, neural networks. Examples of application to industrial engineering, such as manufacturing, production, etc. Typically offered Spring.

To: IE 54800 – Knowledge-Based Systems

Term Offered: Spring; Lecture 3, Cr. 3

Prerequisites: Graduate Standing or Junior/Senior standing and CS 15900

Description: Intelligent industrial systems. Expert-system and knowledge-based decision and control examples. Propositional logic, resolution principle for deduction, Horn-clause systems of logic, Dempster-Shafer uncertainty measures. Introduction to LISP and/or PROLOG. Knowledge representation schema, frames, objects and inheritance, semantic networks, rule-based representations, interface with corporate databases. Search in symbolic spaces, AND-OR trees, A-star search. Knowledge acquisition, learning by example, Kelly construct approach, neural networks. Examples of application to industrial engineering, such as manufacturing, production, etc. Typically offered Spring.

Reason: The current prerequisites for IE 54800 do not reflect the changes in the Computer Science course numbering.

Abhijit Deshmukh 1/14/13

Abhijit Deshmukh
Professor and Head
School of Industrial Engineering

APPROVED FOR THE FACULTY
OF THE SCHOOL OF INDUSTRIAL ENGINEERING
BY THE ENGINEERING
CURRICULUM COMMITTEE

ECU Minutes 2/4/14
Date 2/4/14
Chair ECU J. M. 2. Sy

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A GRADUATE COURSE
(50000-60000 LEVEL)

EFD 18-14

DEPARTMENT Industrial Engineering EFFECTIVE SESSION Summer 2014

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

- | | |
|---|--|
| <input type="checkbox"/> 1. New course with supporting documents (complete proposal form) | <input type="checkbox"/> 7. Change in course attributes |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours |
| <input type="checkbox"/> 3. Expiration of a course | <input type="checkbox"/> 9. Change in course description |
| <input type="checkbox"/> 4. Change in course number | <input checked="" type="checkbox"/> 10. Change in course requisites |
| <input type="checkbox"/> 5. Change in course title | <input type="checkbox"/> 11. Change in semesters offered |
| <input type="checkbox"/> 6. Change in course credit/type | <input type="checkbox"/> 12. Transfer from one department to another |

PROPOSED: Subject Abbreviation <input type="text"/> Course Number <input type="text"/> Long Title <u>Knowledge-Based Systems</u> Short Title <u>Knowledge-Based Systems</u> <small>Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)</small>	EXISTING: Subject Abbreviation <u>IE</u> Course Number <u>54800</u>	TERMS OFFERED Check All That Apply: <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer CAMPUS(ES) INVOLVED <input type="checkbox"/> Calumet <input type="checkbox"/> N. Central <input type="checkbox"/> Cont Ed <input type="checkbox"/> Tech Statewide <input type="checkbox"/> Ft. Wayne <input checked="" type="checkbox"/> W. Lafayette <input type="checkbox"/> Indianapolis
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CREDIT TYPE 1. Fixed Credit: Cr. Hrs. <u>3</u> 2. Variable Credit Range: Minimum Cr. Hrs. <input type="text"/> (Check One) To <input type="checkbox"/> Or <input type="checkbox"/> Maximum Cr. Hrs. <input type="text"/> 3. Equivalent Credit: Yes <input type="checkbox"/> No <input type="checkbox"/> 4. Thesis Credit: Yes <input type="checkbox"/> No <input type="checkbox"/>	COURSE ATTRIBUTES: Check All That Apply 1. Pass/Not Pass Only <input type="checkbox"/> 2. Satisfactory/Unsatisfactory Only <input type="checkbox"/> 3. Repeatable <input type="checkbox"/> Maximum Repeatable Credit: <input type="text"/> 4. Credit by Examination <input type="checkbox"/> 5. Fees <input type="checkbox"/> Coop <input type="checkbox"/> Lab <input type="checkbox"/> Rate Request <input type="checkbox"/> Include comment to explain fee 6. Registration Approval Type Department <input type="checkbox"/> Instructor <input type="checkbox"/> 7. Variable Title <input type="checkbox"/> 8. Honors <input type="checkbox"/> 9. Full Time Privilege <input type="checkbox"/> 10. Off Campus Experience <input type="checkbox"/>
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Schedule Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Cross-Listed Courses
Lecture	50	3	15	100	
Recitation					
Presentation					
Laboratory					
Lab Prep					
Studio					
Distance					
Clinic					
Experiential					
Research					
Ind. Study					
Pract/Observ					

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Intelligent industrial systems. Expert-system and knowledge-based decision and control examples. Propositional logic, resolution principle for deduction, Horn-clause systems of logic, Dempster-Shafer uncertainty measures. Introduction to LISP and/or PROLOG. Knowledge representation schema, frames, objects and inheritance, semantic networks, rule-based representations, interface with corporate databases. Search in symbolic spaces, AND-OR trees, A-star search. Knowledge acquisition, learning by example, Kelly construct approach, neural networks. Examples of application to industrial engineering, such as manufacturing, production, etc.

Restrictions: Graduate OR Junior OR Senior classification
Prerequisites: Graduate OR CS 15900 (minimum grade of D-)

Calumet Department Head _____ Date _____	Calumet School Dean _____ Date _____	Calumet Director of Graduate Studies _____ Date _____
Fort Wayne Department Head _____ Date _____	Fort Wayne School Dean _____ Date _____	Fort Wayne Director of Graduate Studies _____ Date _____
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____	IUPUI Associate Dean for Graduate Education _____ Date _____
North Central Department Head _____ Date _____	North Central School Dean _____ Date _____	North Central Director of Graduate Studies _____ Date _____
West Lafayette Department Head <u>Alli Deshmukh</u> _____ Date <u>11/14/13</u>	West Lafayette College/School Dean <u>Michael J. Allen</u> _____ Date <u>2/10/14</u>	Date Approved by Graduate Council _____ Date _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean _____ Date _____	Graduate Council Secretary _____ Date _____
		West Lafayette Registrar _____ Date _____