

TO: The Faculty of the College of Engineering

FROM: The Faculty of the School of Industrial Engineering

RE: Change to IE 53500 prerequisite

From: IE 53500 – Linear Programming

Term Offered: Fall, Spring, Summer, Lecture 3, Cr. 3


Prerequisites: Graduate Standing or Junior/Senior standing and CS 15600 and IE 33500 or IE 50100
Description: Optimization of linear objective functions subject to linear constraints. Development of theory and algorithmic strategies for solving linear programming problems. Typically offered Spring Fall Summer.

To: IE 53500 – Linear Programming

Term Offered: Fall, Spring, Summer; Lecture 3, Cr. 3

Prerequisites: Graduate Standing or Junior/Senior standing and CS 15900 and IE 33500 or IE 50100
Description: Optimization of linear objective functions subject to linear constraints. Development of theory and algorithmic strategies for solving linear programming problems. Typically offered Spring Fall Summer.

Reason: The current prerequisites for IE 53500 do not reflect the changes in the Computer Science course numbering.

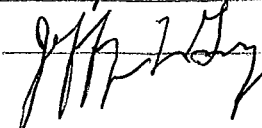

11/14/13

Abhijit Deshmukh
Professor and Head
School of Industrial Engineering

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE ENGINEERING
CURRICULUM COMMITTEE

ECC Minutes 2/4/14

Date 2/4/14

Chairman ECC 

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

IE 53500

EFD 15-14

201430

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>Linear Programming</u> Short Title <u>Linear Programming</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>53500</u>	TERMS OFFERED Check All That Apply: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input checked="" type="checkbox"/> Summer CAMPUS(ES) INVOLVED <input type="checkbox"/> Calumet <input type="checkbox"/> N. Central <input checked="" 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 <input type="text"/> 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					

RECEIVED
FEB 25 2014
OFFICE OF THE REGISTRAR

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
 Optimization of linear objective functions subject to linear constraints. Development of theory and algorithmic strategies for solving linear programming problems.
 Restrictions: Graduate Level OR Junior or Senior classification
 Prerequisites: Graduate OR (CS 15900 (minimum grade of D-) and IE 33500(minimum grade of D-)) OR (CS 15900 (minimum grade of D-) and IE 50100(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>Ahli Dednall</u> <u>11/14/13</u> Date _____	West Lafayette College/School Dean <u>Michael Martin</u> <u>2/10/14</u> Date _____	Date Approved by Graduate Council _____ Date _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean <u>Philip E. Pope</u> <u>2/17/14</u> Date _____	Graduate Council Secretary <u>Lisa L. Payne</u> <u>2/24/14</u> Date _____
		West Lafayette Registrar <u>Sandra Sheffer</u> <u>3/3/14</u> Date _____