

PURDUE UNIVERSITY  
REQUEST FOR ADDITION, EXPIRATION,  
OR REVISION OF AN UNDERGRADUATE COURSE  
(100-400 LEVEL)

14-07

DEPARTMENT ECE EFFECTIVE SESSION F07

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

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

<b>PROPOSED:</b> Subject Abbreviation <input type="text"/> Course Number <input type="text"/> Long Title <u>Topological Methods of Network Analysis</u> Short Title <input type="text"/>		<b>EXISTING:</b> Subject Abbreviation <u>ECE</u> Course Number <u>674</u>		<b>TERMS OFFERED</b> Check All That Apply: <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> Spring
<b>CAMPUS(ES) INVOLVED</b> <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				

Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

<b>CREDIT TYPE</b> 1. Fixed Credit: Cr. Hrs. <input type="text"/> 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"/>		<b>COURSE ATTRIBUTES: Check All That Apply</b> 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. Designator Required <input type="checkbox"/> 6. Special Fees <input type="checkbox"/> 7. Registration Approval Type Department <input type="checkbox"/> Instructor <input type="checkbox"/> 8. Variable Title <input type="checkbox"/> 9. Remedial <input type="checkbox"/> 10. Honors <input type="checkbox"/> 11. Full Time Privilege <input type="checkbox"/> 12. Off Campus Experience <input type="checkbox"/>	
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Instructional Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Delivery Method (Asyn. Or Syn.)	Delivery Medium (Audio, Internet, Live, Text-Based, Video)	Cross-Listed Courses	
Lecture								
Recitation								
Presentation								
Laboratory								
Studio								
Distance								
Clinic								
Experiential								
Research								
Ind. Study								
Pract/Observ								

COURSE DESCRIPTION (INCLUDE REQUISITES):

Calumet Department Head	Date	Calumet School Dean	Date
Fort Wayne Department Head	Date	Fort Wayne School Dean	Date
Indianapolis Department Head	Date	Indianapolis School Dean	Date
North Central Department Head	Date	North Central Chancellor <u>G.S. Dean</u>	Date <u>8/9/07</u>
West Lafayette Department Head	Date	West Lafayette College/School Dean	Date
		West Lafayette Registrar <u>Sandra Schaffer</u>	Date <u>8/10/07</u>

OFFICE OF THE REGISTRAR

8/14/07  
jm

May 16, 2007

**TO:** The Faculty of the College of Engineering  
**FROM:** The Faculty of the School of Electrical and Computer Engineering  
**RE:** Deletion of ECE 674.

The faculty of the School of Electrical and Computer Engineering has approved the deletion of the following course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**ECE 674 Topological Methods Of Network Analysis**

Sem.1 and 2. Class 3, cr. 3. (Offered every third semester.)

Prerequisite: ECE 301; or Masters Student Standing or higher. Authorized equivalent courses or consent of instructor may be used in satisfying course pre- and co-requisites.

Fundamentals of graph theory. Signal flow graph method of circuit and system analysis. Network equilibrium equations in explicit form. Formulation of state equations. Topological formulas for network functions. The maximum flow problem. Network reliability analysis.

**Reason:** Course has not been taught for an extended period of time. Course has been deleted from the curriculum.

Mark J. T. Smith, Head  
School of Electrical & Computer Engineering

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

ECC Minutes #15

Date 2-6-08

Chairman ECC Michael Jaltowski