

DEPARTMENT School of Electrical and Computer Engineering

DATE SUBMITTED 12/7/2001

DATE EFFECTIVE Summer 2002

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

PURPOSE

- | | |
|---|---|
| <input type="checkbox"/> 1. Deletion of a course | <input type="checkbox"/> 8. Change in semesters offered |
| <input type="checkbox"/> 2. New course with supporting documents | <input type="checkbox"/> 9. Change in course credit/type |
| <input type="checkbox"/> 3. Add existing course offered at another campus | <input type="checkbox"/> 10. Change in course attributes |
| <input type="checkbox"/> 4. Change in course number at same level | <input type="checkbox"/> 11. Change in instructional hours |
| <input type="checkbox"/> 5. Downgrading of course level | <input type="checkbox"/> 12. Change in prerequisites |
| <input type="checkbox"/> 6. Upgrading of course level | <input checked="" type="checkbox"/> 13. Change in description of course content |
| <input type="checkbox"/> 7. Change in course title | <input type="checkbox"/> 14. Transfer of course from one dept. to another |

EXISTING:

Subject Abbreviation EE
Course Number 423

ECE

PROPOSED:

Subject Abbreviation _____
Course Number _____

SEMESTERS OFFERED

Check All That Apply.

Summer Fall Ag Winter Spring

Proposed Title Electromechanical Motion Control

Variable Title Yes No

Abbreviated Title

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

CROSS LISTED COURSES

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 3
2. Variable Credit Range:
Minimum Cr. Hrs. _____
(Check One) To Or
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. Repeatable for Credit
3. Available for Credit by Examination
4. Designator Required
5. Special Fees
6. Approval Required for Enrollment
- Department
Instructor

| Instructional Type | Class Hours | FTE |
|--------------------|-------------|-----|
| Primary | <u>3</u> | |
| Secondary | | |
| Laboratory | | |
| Lab. Prep. | | |

| Instructional Type | Class Hours | FTE |
|--------------------|-------------|-----|
| Auto-tutorial | | |
| Ind. Study | | |
| Clinic | | |
| Experiential | | |

| Instructional Type | Class Hours | FTE |
|--------------------|-------------|-----|
| Thesis | | |
| Observation | | |
| Matts Based | | |

CAMPUS(ES) INVOLVED

Calumet

Fort Wayne

Indianapolis

North Central

West Lafayette

Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

Prerequisites: EE 255 and 321; corequisite: EE 382 or ME 375.

Operation, analysis, and control of electromechanical systems. Treatment of electromechanical devices, power electronics, and control systems. Sample applications include servo-systems, propulsion drives, and variable-speed rotational equipment.

| | | |
|---|--|--|
| Calumet Undergrad Curriculum Committee _____ Date | Calumet Department Head _____ Date | Calumet School Dean _____ Date |
| Fort Wayne Department Head _____ Date | Fort Wayne School Dean _____ Date | Fort Wayne Chancellor <u>C.D. Sutton</u> _____ Date Appr. for Faculty #958 C.D. Sutton, Chair 2/1/02 |
| Indianapolis Department Head _____ Date | Indianapolis School Dean _____ Date | Undergrad Curriculum Committee _____ Date |
| North Central Department Head _____ Date | North Central Vice Chancellor _____ Date | Date Approved by Graduate Council _____ |
| West Lafayette Department Head <u>L. K. D.</u> <u>1/4/02</u> _____ Date | West Lafayette School Dean <u>J. D. Higgins</u> <u>9 Feb 02</u> _____ Date | Graduate Council Secretary _____ Date <u>Debra Shultz</u> <u>2/6/02</u> |
| Graduate Area Committee Convener _____ Date | Graduate Dean _____ Date | West Lafayette Registrar _____ Date |

