

FORDOL UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A GRADUATE COURSE
(500-600 LEVEL)

DEPARTMENT Mechanical Engineering EFFECTIVE SESSION Summer 2008

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 type="checkbox"/> 10. Change in course requisites |
| <input type="checkbox"/> 5. Change in course title | <input checked="" 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:		EXISTING:		TERMS OFFERED Check All That Apply:	
Subject Abbreviation	<u>ME</u>	Subject Abbreviation		<input type="checkbox"/> Summer	<input checked="" type="checkbox"/> Fall
Course Number	<u>586</u>	Course Number		<input type="checkbox"/> Spring	
Long Title				CAMPUS(ES) INVOLVED	
<u>Microprocessors in Electromechanical Systems</u>				<input type="checkbox"/> Calumet	<input type="checkbox"/> N. Central
Short Title				<input type="checkbox"/> Cont Ed	<input type="checkbox"/> Tech Statewide
<u>Microproc Elecmech Sys</u>				<input type="checkbox"/> Ft. Wayne	<input checked="" type="checkbox"/> W. Lafayette
Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)					

CREDIT TYPE		COURSE ATTRIBUTES: Check All That Apply			
1. Fixed Credit: Cr. Hrs.	<u>3</u>	1. Pass/Not Pass Only	<input type="checkbox"/>	7. Registration Approval Type	
2. Variable Credit Range:		2. Satisfactory/Unsatisfactory Only	<input type="checkbox"/>	Department	<input type="checkbox"/>
Minimum Cr. Hrs		3. Repeatable	<input type="checkbox"/>	Instructor	<input type="checkbox"/>
(Check One) To	<input type="checkbox"/>	Maximum Repeatable Credit:	<input type="checkbox"/>	8. Variable Title	<input type="checkbox"/>
Or	<input type="checkbox"/>	4. Credit by Examination	<input type="checkbox"/>	9. Remedial	<input type="checkbox"/>
Maximum Cr. Hrs		5. Designator Required	<input type="checkbox"/>	10. Honors	<input type="checkbox"/>
3. Equivalent Credit: Yes	<input type="checkbox"/>	6. Special Fees	<input type="checkbox"/>	11. Full Time Privilege	<input type="checkbox"/>
No	<input type="checkbox"/>			12. Off Campus Experience	<input type="checkbox"/>
4. Thesis Credit: Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				

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	50	2	16		Syn	Live	
Recitation							
Presentation							
Laboratory	150	1	16		Syn	Live	
Lab Prep							
Studio							
Distance							
Clinic							
Experiential							
Research							
Ind. Study							
Pract/Observ							

COURSE DESCRIPTION (INCLUDE REQUISITES):

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	<i>Michael J. Pltanski</i> 4/23/08	Date
North Central Department Head	Date	North Central Chancellor	Date	Date Approved by Graduate Council	
<i>E. Daniel Hildebrand</i> 2/22/08		<i>Michael J. Pltanski</i> 4/23/08		Graduate Council Secretary	Date
West Lafayette Department Head	Date	West Lafayette College/School Dean	Date	West Lafayette Registrar	Date
Graduate Area Committee Convener	Date	Graduate Dean	Date		

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A GRADUATE COURSE
(500-600 LEVEL)

DEPARTMENT Mechanical Engineering EFFECTIVE SESSION Summer 2008

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| <input type="checkbox"/> 6. Change in course credit/type | <input type="checkbox"/> 12. Transfer from one department to another |

PROPOSED: Subject Abbreviation <u>ME</u> Course Number <u>588</u> Long Title <u>Mechatronics - Integrated Design of Electro-Mechanical Systems</u> Short Title <u>Mechatronics</u> <small>Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)</small>		EXISTING: Subject Abbreviation _____ Course Number _____		TERMS OFFERED Check All That Apply: <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring
		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		

CREDIT TYPE 1. Fixed Credit: Cr. Hrs. <u>3</u> 2. Variable Credit Range: Minimum Cr. Hrs. _____ (Check One) To <input type="checkbox"/> Or <input type="checkbox"/> Maximum Cr. Hrs. _____ 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"/> 7. Registration Approval Type <input type="checkbox"/> 2. Satisfactory/Unsatisfactory Only <input type="checkbox"/> Department <input type="checkbox"/> Instructor <input type="checkbox"/> 3. Repeatable <input type="checkbox"/> 8. Variable Title <input type="checkbox"/> Maximum Repeatable Credit: <input type="checkbox"/> 9. Remedial <input type="checkbox"/> 4. Credit by Examination <input type="checkbox"/> 10. Honors <input type="checkbox"/> 5. Designator Required <input type="checkbox"/> 11. Full Time Privilege <input type="checkbox"/> 6. Special Fees <input type="checkbox"/> 12. Off Campus Experience <input type="checkbox"/>	
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Fort Wayne Department Head _____ Date _____	Fort Wayne School Dean _____ Date _____	Fort Wayne Chancellor _____ Date _____
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____	<i>Michael J. Johnson</i> 4/23/08 Undergrad Curriculum Committee _____ Date _____
North Central Department Head _____ Date _____	North Central Chancellor _____ Date _____	Date Approved by Graduate Council _____
<i>E. Daniel Hirleman</i> 4/23/08 West Lafayette Department Head _____ Date _____	West Lafayette College/School Dean _____ Date _____	Graduate Council Secretary _____ Date _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean _____ Date _____	West Lafayette Registrar _____ Date _____

TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

DATE: April 2, 2007

RE: ME 586-ME 588 Changes

The Faculty of the School of Mechanical Engineering has approved the following changes in semester offerings. This action is now submitted to the Engineering Faculty with a recommendation for approval.

FROM:

ME 586 Microprocessors in Electromechanical Systems Sem. 2. Class 2, lab 3, cr. 3.

Prerequisite: Senior standing or consent of instructor.

ME 588 Mechatronics- Integrated Design of Electromechanical Systems Sem. 1. Class 2, lab 3, cr. 3. Prerequisite: First semester senior standing or higher.

TO:

ME 586 Microprocessors in Electromechanical Systems Sem. 1. Class 2, lab 3, cr. 3.

Prerequisite: ME 375 or consent of instructor.

ME 588 Mechatronics- Integrated Design of Electromechanical Systems Sem. 2. Class 2, lab 3, cr. 3. Prerequisite: ME 586 (or equivalent course) or consent of instructor.

REASON: Profs. Meckl and Peine want to make ME 586 and ME 588 a two-semester sequence where ME 588 builds off of the fundamental knowledge from ME 586. ME 586 will be offered in fall and ME 588 will be switched to spring. ME 586 (or an equivalent course) will become the standard prerequisite for ME 588, although the instructor can give their consent to take the course without it. ME 375 Systems Modeling and Analysis will become the standard prerequisite for ME 586, although the instructor can give their consent to take the course without it.

James D. Jones
Associate Professor and Associate Head
School of Mechanical Engineering

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

ECC Minutes H4

Date 10-15-07

Chairman ECC Michael Althouse

TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

DATE: April 2, 2007

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TO:

ME 586 Microprocessors in Electromechanical Systems Sem. 1. Class 2, lab 3, cr. 3.
Prerequisite: ME 375 or consent of instructor.

ME 588 Mechatronics- Integrated Design of Electromechanical Systems Sem. 2. Class 2, lab 3, cr. 3. Prerequisite: ME 586 (or equivalent course) or consent of instructor.

REASON: The ME faculty want to make ME 586 and ME 588 a two-semester sequence where ME 588 builds off of the fundamental knowledge from ME 586. ME 586 will be offered in fall and ME 588 will be switched to spring. ME 586 (or an equivalent course) will become the standard prerequisite for ME 588, although the instructor can give their consent to take the course without it. ME 375 Systems Modeling and Analysis will become the standard prerequisite for ME 586, although the instructor can give their consent to take the course without it.

James D. Jones
Associate Professor and Associate Head
School of Mechanical Engineering

**APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE COMMITTEE ON
FACULTY RELATIONS**

CFR Minutes 21

Date 5/3/07

Chairman CFR Michael J. Tanski

