

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

EPD 29-11

DEPARTMENT Mechanical Engineering EFFECTIVE SESSION Summer Spring 2011

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 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 (department head signature only) |
| <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>Thermodynamics I</u> Short Title: <u>Thermodynamics I</u> <small>Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)</small>	EXISTING: Subject Abbreviation: <u>ME</u> Course Number: <u>20000</u>	TERMS OFFERED Check All That Apply: <input checked="" type="checkbox"/> Summer <input checked="" 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
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CREDIT TYPE 1. Fixed Credit: Cr. Hrs. <u>3</u> 2. Variable Credit Range: <input type="text"/> Minimum Cr. Hrs. <input type="text"/> (Maximum 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. Designator Required <input type="checkbox"/> 6. Special Fees <input type="checkbox"/> 7. Registration Approval Type <input type="checkbox"/> 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)
Lecture	50	3	15		Syn	Live
Recitation						
Presentation						
Laboratory						
Preparatory						
Studio						
Distance						
Clinic						
Experiential						
Research						
Ind. Study						
Pract/Observ						

2011 FEB 23 AM 9:19
 RECEIVED
 OFFICE OF THE REGISTRAR

COURSE DESCRIPTION (INCLUDE REQUISITES):
ME 20000 Thermodynamics I
 Sem. 1 and 2. SS. Class 3, cr. 3.
 Prerequisites: CHM 11500 or equivalent. Concurrent Prerequisite: MA 26100 and ENGR 13200
 First and second laws, entropy, reversible and irreversible processes, properties of pure substance. Application to engineering problems.

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	Date
West Lafayette Department Head	Date	West Lafayette College/School Dean	Date
		West Lafayette Registrar	Date

James D. Jones 11/2: *Michael P. ...* *Jane ...* 2/23/11

2/22/11
for

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

EFD 29-11

DEPARTMENT Mechanical Engineering EFFECTIVE SESSION Spring 2011

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PROPOSED:		EXISTING:		TERMS OFFERED Check All That Apply:	
Subject Abbreviation	<input type="text"/>	Subject Abbreviation	<u>ME</u>	<input checked="" type="checkbox"/> Summer	<input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring
Course Number	<input type="text"/>	Course Number	<u>20000</u>	CAMPUS(ES) INVOLVED	
Long Title	<u>Thermodynamics I</u>		<input type="checkbox"/> Calumet	<input type="checkbox"/> N. Central	<input type="checkbox"/> Tech Statewide
Short Title	<u>Thermodynamics I</u>		<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)					

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	<input type="checkbox"/>
2. Variable Credit Range:	<input type="text"/>	2. Satisfactory/Unsatisfactory Only	<input type="checkbox"/>	Department	<input type="checkbox"/>
Minimum Cr. Hrs	<input type="text"/>	3. Repeatable	<input type="checkbox"/>	Instructor	<input type="checkbox"/>
(Check One) To <input type="checkbox"/> Or <input type="checkbox"/>		Maximum Repeatable Credit:	<input type="text"/>	8. Variable Title	<input type="checkbox"/>
Maximum Cr. Hrs	<input type="text"/>	4. Credit by Examination	<input type="checkbox"/>	9. Remedial	<input type="checkbox"/>
3. Equivalent Credit: Yes <input type="checkbox"/> No <input type="checkbox"/>		5. Designator Required	<input type="checkbox"/>	10. Honors	<input type="checkbox"/>
4. Thesis Credit: Yes <input type="checkbox"/> No <input type="checkbox"/>		6. Special Fees	<input type="checkbox"/>	11. Full Time Privilege	<input type="checkbox"/>
				12. Off Campus Experience	<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	3	15		Syn	Live	
Recitation							
Simulation							
Laboratory							
Lab Prep							
Studio							
Distance							
Clinic							
Experiential							
Research							
Ind. Study							
Pract/Observ							

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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	Date
<i>James D. Jones</i>	11/2	<i>Michael P. Davis</i>	
West Lafayette Department Head	Date	West Lafayette College/School Dean	Date
		West Lafayette Registrar	Date

TO: The Engineering Faculty
FROM: The Faculty of the School of Mechanical Engineering
RE: **ME 20000** Prerequisite Changes

The Faculty of the School of Mechanical Engineering has approved the following prerequisite change. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From:

ME 20000 Thermodynamics I

Sem. 1, 2, & 3 Class 3, cr. 3

Prerequisite: CHM 11500-General Chemistry or equivalent

Concurrent Prerequisite: MA 26100-Multivariate Calculus

First and second laws, entropy, reversible and irreversible processes, properties of pure substance. Application to engineering problems.

To:

ME 20000 Thermodynamics I

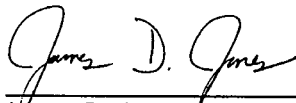
Sem. 1, 2, & 3 Class 3, cr. 3

Prerequisite: CHM 11500-General Chemistry or equivalent

Concurrent Prerequisite: MA 26100-Multivariate Calculus and ENGR 13200-Transforming Ideas to Innovation II

First and second laws, entropy, reversible and irreversible processes, properties of pure substance. Application to engineering problems.

Reason: The added concurrent prerequisite of ENGR 13200 is needed because of the course change in the First-Year Engineering program.



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 #10

Date 2/2/2011

Chairman ECC R. Cipra

