# PURDUE UNIVERSITY REQUEST FOR ADDITION, DELETION, OR REVISION OF A COURSE

SCHOOL DOCUMENT NO.	EFD79-00
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GRADUATE COUNCIL DOCUMENT NO.

**DEPARTMENT Electrical & Computer Engineering** 

DATE SUBMITTED 10-05-2000 DATE EFFECTIVE 8/20/2001

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INSTRUCTIONS: Please check the items	below which describe						
1. Deletion of a course 2. New course with support 3. Add existing course offer 4. Change in course numb 5. Downgrading of course lev 6. Upgrading of course lev 7. Change in course title	ered at another camp ber at same level level	PURPOSE	8. 9. 10. 11. 12. 13.	Change in coo Change in ins Change in pre Change in des	structional hours	s rse content	r
EXISTING:	PRO	OPOSED:			SEM	ESTERS OFFE	ERED
Course Number 559  Proposed Title MOS VLSI Design	Cou	pject Abbreviationurse Number	#PRODE OF STREET, STRE		Check All T Summer	That Apply. Fall Ag Wi	finter Spring
Variable Title Yes No Abbreviated Title MOS VLSI Design Abbreviated title will be entered by	annin anna anna an an anna an anna an anna an an		*		<u> </u>		
CROSS LISTED COURSES  PRODUCTION OF THE ACTION OF THE ACTI	CREDIT TYPE  1. Fixed Credit: 2. Variable Cred Minimum (Check C Maximun  3. Equivalent Cred 4. Thesis Credit:	lit Range: n Cr. Hrs One) To Or Or n Cr. Hrs.		<ol> <li>Pass/No</li> <li>Repeata</li> <li>Available</li> <li>Designat</li> <li>Special F</li> </ol>	TRIBUTES: Cheo t Pass Only able for Credit e for Credit by E stor Required Fees al Required for E Departme Instructor	Examination  Enrollment	
Type Hours Type Primary Aut Secondary Ind Laboratory Cir	to-tutorial I. Study	Type Thesis Obser Matls	s ervation	Class FTE lours	F. C. C. F. C.	CAMPUS(ES) IN Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus	
COURSE DESCRIPTION (PREREQUISIT  Sem. 1 and 2. Class 3, cr. 3.	. Prerequisite:	EE 365.		Date Calur	met School Dean		Date
Fort Wayne Department Head	Date Fort Wayn	ne School Dean		Appr	Wayne Chancellor f.for Faculty Sutton, Chai	Υ (U. <b>Δ</b> .	Date #949 9/5/01
Indianapolis Department Head	Date Indianapo	olis School Dean			ergrad Curriculum (		Date
North Central Department Head  L. K. D	0,200 Z	Antrai Vice Chancellor	- Ggi	tg/ 20	Approved by Grad Juste Council Secre	Said	10/8/01 Date
Graduate Area Committee Convener	Date Graduate	Dean		Date West	t Lafayette Registra	rar	Date

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SCHOOL DOCUMENT	NO.	EFD79-00
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GRADUATE COUNCIL DOCUMENT NO.

DEPARTMENT	Electrical & Computer Engineering	DATE SUBMITTED	10-05-2000	DATE EFFECTIVE	8/20/2001
NSTRUCTIONS	E: Please check the items below which describe the purpose of this	request.			

INSTRUCTIONS: Please check the items below w	hich describe the purpose of this request. PURPOSE		
1. Deletion of a course 2. New course with supporting doc 3. Add existing course offered at a 4. Change in course number at sai 5. Downgrading of course level 6. Upgrading of course level 7. Change in course title	uments nother campus me level	<ul><li>Change in co</li><li>Change in co</li><li>Change in in</li><li>Change in p</li><li>Change in p</li><li>Change in do</li></ul>	structional hours
EXISTING:	PROPOSED:		SEMESTERS OFFERED
Subject Abbreviation EE Course Number 574  Proposed Title Software Engineering Metho	Subject Abbreviation Course Number		* Every 4th Semester. Check All That Apply.
Variable Title Yes No No			
Abbreviated Title Software Engrg Methods Abbreviated title will be entered by the Off	ice of the Registrar if omitted. (22 CHARACTERS		
1. F  2. V  Annual processor of the control of the	IT TYPE ixed Credit: Cr. Hrs.  Variable Credit Range:  Minimum Cr. Hrs  (Check One) To  Maximum Cr. Hrs.  quivalent Credit: Yes No  Yes No	1. Pass/N 2. Repeat 3. Availab 4. Design 5. Special	ot Pass Only able for Credit ble for Credit by Examination ator Required I Fees al Required for Enrollment Department Instructor
Instructional     Class     FTE     Instructional       Type     Hours     Type       Primary     Auto-tutoria       Secondary     Ind. Study       Laboratory     Clinic       Lab. Prep.     Experientia	Hours Type Thesis Observation Matls Based	Class FTE Hours	CAMPUS(ES) INVOLVED Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus
COURSE DESCRIPTION (PREREQUISITES INCI	LUDED):		
Sem. 1. Class 3, cr. 3. (Offered in	alternate years)		
Calumet Undergrad Curriculum Committee Date	Calumet Department Head	Date Cal	umet School Dean Date
Fort Wayne Department Head Date	Fort Wayne School Dean	App	t Wayne Chancellor Date r.for Faculty #949 Sutton, Chair 9/5/01
Indianapolis Department Head Date	Indianapolis School Dean	Date Und	dergrad Curriculum Committee Date
North Central Department Head  Date  Laboratory  West Lafayette Department Head  Date	North Central Vice Chancellor  West Lafayette School Dean	Septer Z	e Approved by Graduate Council  Arrilan & Seist 10/8/01  Iduate Council Secretary  Date
Graduate Area Committee Convener Date	Graduate Dean	Date We	Blackbull 10/17/0/ st Lafayette Registrar Date

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#### FORM 40 REV. 2/99

PURDUE UNIVERSITY
REQUEST FOR ADDITION, DELETION, OR REVISION OF A COURSE

SCHOOL DOCUMENT NO. EFD79-00

GRADUATE COUNCIL DOCUMENT NO.

DEPARTMENT Electrical & Computer Engineering DATE SUBMITTED 10-05-2000 DATE EFFECTIVE 8/20/2001

INSTRUCTIONS: Please check the items	below which describe the purpo	se of this request					
PURPOSE							
1. Deletion of a course 2. New course with suppo 3. Add existing course offe 4. Change in course numb 5. Downgrading of course 6. Upgrading of course lev 7. Change in course title	ered at another campus er at same level level	9. C 10. C 11. C 12. C	Change in semesters offections of the change in course attribut change in course attribut change in instructional hording in prerequisites change in description of course from other course	ype es ours course content			
EXISTING:	PROPOSED:		S	SEMESTERS OFFERED			
Course Number 600	Course Numb	CONTRACTOR	Summe	All That Apply. er Fall Ag Winter Spring			
Proposed Title Variable Title Variable Title Variable Title Variable Title		oner sin antara e considera coministrata de la respecta de la considera de la considera de la considera de la c	Socializations Services	Summers Language Summers			
Abbreviated Title Random Variables Abbreviated title will be entered by		nitted. (22 CHARACTERS ONLY)					
CROSS LISTED COURSES  CREDIT TYPE  1. Fixed Credit: Cr. Hrs. 2. Variable Credit Range:     Minimum Cr. Hrs.     (Check One) To     Maximum Cr. Hrs. 3. Available for Credit by Examination 4. Designator Required 5. Special Fees 6. Approval Required for Enrollment Department Instructor							
Type Hours Type Primary Aut Secondary Ind Laboratory Clir	o-tutorial . Study	Instructional Cla Type Hou Thesis Observation Matls Based		CAMPUS(ES) INVOLVED Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus			
COURSE DESCRIPTION (PREREQUISIT Prerequisites: Graduate Standing.	ES INCLUDED):						
Calumet Undergrad Curriculum Committee	Date Calumet Department	Head C	Date Calumet School D	ean Date			
Fort Wayne Department Head	Date Fort Wayne School De	ean E	Fort Wayne Chance Appr.for Fact C.D.Sutton,Cl	alty #949			
Indianapolis Department Head	Date Indianapolis School D	ean [	Date Undergrad Curricu	· · · · · · · · · · · · · · · · · · ·			
North Central Department Head  West Lafavette Department Head	Date North Central Vice Ch	ancellor E	Date Approved by  Maruly  Date Graduate Council	Graduate Council  D. Clair 1/04/02  Secretary  Date			
Graduate Area Committee Convener	Date Graduate Dean	· Tope 12/2	Date West Lafayette Re	/ 4/11/20 / / 10 /02 gistrar Date			

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## PURDUE UNIVERSITY REQUEST FOR ADDITION, DELETION, OR REVISION OF A COURSE

	EFD79-0(
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GRADUATE COUNCIL DOCUMENT NO.

DEPARTMENT Electrical & Computer Engineering DATE SUBMITTED 10-05-2000 DATE EFFECTIVE 8/20/2001

TEPARTMENT LICOTHOUT & COMPANY	DATE SUBI	MITTED 10-00-2000 DATE EFFECTIVE: 07 207 200
INSTRUCTIONS: Please check the items below		
1. Deletion of a course  New course with supporting do Add existing course offered at Change in course number at s Downgrading of course level Upgrading of course level Change in course title	another campus ame level 1	
EXISTING:	PROPOSED:	SEMESTERS OFFERED
Course Number 602 Proposed Title Lumped System Theory	Subject Abbreviation Course Number	5-11
Variable Title Yes No No Abbreviated Title Lumped System Theory Abbreviated title will be entered by the O	ffice of the Registrar if omitted. (22 CHARACTERS (	ONLY)
1. 2.  1. 2.  1. 2.  1. 2.  1. 2.  1. 3.  1. 3.  1. 3.  3.  3.  3.  3.	DIT TYPE Fixed Credit: Cr. Hrs. Variable Credit Range: Minimum Cr. Hrs (Check One) To Maximum Cr. Hrs. Equivalent 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     Class     FTE     Instruction       Type     Hours     Type       Primary     Auto-tutor       Secondary     Ind. Study       Laboratory     Clinic       Lab. Prep.     Experienting	Hours Type Thesis Observation Matls Based	Class FTE Hours  Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus
COURSE DESCRIPTION (PREREQUISITES INC Prerequisites: Graduate Standing and MA 511 act	CLUDED):  Co serequisite or <del>pre</del> requisite; MA 5//.	
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
Indianapolis Department Head Date	Indianapolis School Dean	Date Undergrad Curriculum Committee Date
North Central Department Head  Date  Date  West Larayette Department Head  Date	North Central Vice Chancellor  West Lafayette School Julyan	Date Date Approved by Graduate Council  Scht   Marilem 10, Meist 1/04/02  Date Graduate Council Secretary Date  2/26/04 Debt Muth 1/10/07
Graduate Area Committee Convener Date	Graduate Dean	Date West Lafayette Registrar Date

## PURDUE UNIVERSITY REQUEST FOR ADDITION, DELETION, OR REVISION OF A COURSE

SCHOOL DOCUMENT NO	EFD79-00
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GRADUATE COUNCIL DOCUMENT NO.

DEPARTMENT Electrical & Computer Engineering DATE SUBMITTED 10-05-2000 DATE EFFECTIVE 8/20/200

JEPARTMENT LICOTHOLIS COMP		en e		D	ATE EFFECTIVE 8/20/20
INSTRUCTIONS: Please check the item	ns below wh	ich describe the purpose of this re PURPOSE	quest.		
1. Deletion of a course New course with sup Add existing course of Change in course nu Downgrading of course Upgrading of course Change in course title	offered at an mber at sam se level level	ments other campus	9. Chan 10. Chan 11. Chan 12. Chan 13. Chan	ge in semesters offe ge in course credit/t ge in course attribut ge in instructional he ge in prerequisites ge in description of fer of course from c	ype es ours
EXISTING:	<del></del>	PROPOSED:			SEMESTERS OFFERED
Subject Abbreviation EE Course Number 604  Proposed Title Electromagnetic Figure Variable Title Yes No	·	Subject Abbreviation Course Number		*Sem. Check Summ	2 Offered in Alte All That Apply. er Fall Ag Wirfears, princ X X
Abbreviated Title Electromag Fld T	'heo	e of the Registrar if omitted. (22 c	HARACTERS ONLY)	20. vin vin der vin der der vin der vi	
CROSS LISTED COURSES	CREDIT 1. Fix 2. Va 3. Eq		COUF 1. 8 2. 8 3. 4 4. 5 5. 8	Pass/Not Pass Only Repeatable for Cred Available for Credit Designator Required Special Fees Approval Required f	lit by Examination a control of the
Type Hours Primary Secondary Laboratory	instructional Type Auto-tutorial Ind. Study Clinic Experiential	Class FTE Instruction Type Thesis Observ Matts E	Hours /ation	FTE  ornication designer  ornication designer  ornication designer  ornication designer	CAMPUS(ES) INVOLVED Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus
COURSE DESCRIPTION (PREREQUIS Prerequisites: Graduate Standing.  Calumet Undergrad Curriculum Committee	Date	Calumet Department Head	Date	Calumet School D	
Calamet Charigrad Carriculari Committee	Date	Caldinet Department Flead	Date	Calumet School D	ean D
Fort Wayne Department Head	Date	Fort Wayne School Dean	Date	Fort Wayne Chance Appr.for Fact C.D.Sutton,Cl	alty . U. futter #94
Indianapolis Department Head	Date	Indianapolis School Dean	Date	Undergrad Curricu	
North Central Department Head  West Larayette Department Head	Date Date	North Central Vice Charicellor  West Lafavette School Plean	Date  Date	Date Approved by  Marilen  Graduate Council	D. Steint 1/04/1
		Thellip L. To	Ae 12/28/0,	, Debia	Sheets 1/10/0
Graduate Area Committee Convener	Date	Graduate Dean	Date	West Lafayette Re	gistrar > D

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GRADUATE COUNCIL DOCUMENT NO	O

DATE SUBMITTED	10-05-2000	DATE EFFECTIVE	8/20/200	11
	COMPANIES AND THE PROPERTY OF THE PROPERTY OF THE PARTY O		market 1 L. L. L. L. 111.	

DEPARTMENT Electrical & Computer	er chymee	ring	DATE SUBM	AITTED!	0-05-2000 DATE EFFECTIVE 8/20/2001
INSTRUCTIONS: Please check the items	below which				
1. Deletion of a course 2. New course with suppo 3. Add existing course off 4. Change in course numb 5. Downgrading of course 6. Upgrading of course lev 7. Change in course title	ered at anotho er at same le level	nts er campus	11	Chang Chang Chang Chang Chang Chang Chang	ge in semesters offered ge in course credit/type ge in course attributes ge in instructional hours ge in prerequisites ge in description of course content fer of course from one dept. to another
EXISTING:		PROPOSED:	····	<del></del>	*Semesters offered *Sem. 2 Offered in Alterna
Subject Abbreviation Course Number 606  Proposed Title Solid-State Devices Variable Title Yes No		Course Number	tion	ndr means was some areas and	Check All That Apply. Years.
Variable Title Yes No Abbreviated Title Solid-State Devices Abbreviated title will be entered by	S	f the Registrar if omitte			
CROSS LISTED COURSES    Indicate   Indicate	CREDIT TY 1. Fixed 2. Variate ( 1. ( 1. ( 1. ( 1. ( 1. ( 1. ( 1. ( 1.	YPE Credit: Cr. Fole Credit Range: winimum Cr. Hrs Check One) To Maximum Cr. Hrs. alent Credit: Yes	Irs.	COUR 1. P 2. R 3. A 4. D 5. S	RSE ATTRIBUTES: Check All That Apply. Pass/Not Pass Only Repeatable for Credit Available for Credit by Examination Pesignator Required Special Fees Approval Required for Enrollment Department Instructor
Type Hours Type Primary Au Secondary Ind Laboratory Clir	to-tutorial . Study	Class FTE Hours  Available of the Control of the Co	Instructional Type Thesis Observation Matls Based	Class Hours	FTE  CAMPUS(ES) INVOLVED  Calumet  Fort Wayne Indianapolis North Central West Lafayette Off Campus
COURSE DESCRIPTION (PREREQUISIT Prerequisites: Graduate Standing.	ES INCLUDE	ED):			
Calumet Undergrad Curriculum Committee	Date (	Calumet Department Head	d	Date	Calumet School Dean Date
Fort Wayne Department Head	Date F	Fort Wayne School Dean		Date	Fort Wayne Chancellor Appr. for Faculty C.D. Sutton, Chair  Date #949 9/5/01
Indianapolis Department Head	Date I	ndianapolis School Dean		Date	Undergrad Curriculum Committee Date
North Central Department Head  West Lafayette Department Head	poo 6	North Central Vice Chance	ellor a (030	Date /	Date Approved by Graduate Council  Marilem Wilest 1/04/02  Graduate Council Secretary  Date
Graduate Area Committee Convener	Date (	Fhilip L Graduate Defin	Tople 12	128 [ 0] Date	West Lafayette Registrar Date

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SCHOOL DOCUMENT NO. EFD79-00

GRADUATE COUNCIL DOCUMENT NO.

DATE SUBMITTED 10-05-2000 DATE EFFECTIVE 8/20/2001 DEPARTMENT Electrical & Computer Engineering INSTRUCTIONS: Please check the items below which describe the purpose of this request **PURPOSE** Deletion of a course Change in semesters offered ેં1. New course with supporting documents 2. 9. Change in course credit/type 3. Add existing course offered at another campus 10. Change in course attributes Change in course number at same level 11. Change in instructional hours Ĵ5. Downgrading of course level 12. Change in prerequisites 6. Upgrading of course level 13. Change in description of course content Change in course title Transfer of course from one dept. to another EXISTING: PROPOSED: SEMESTERS OFFERED Subject Abbreviation EE Check All That Apply. Subject Abbreviation Course Number 608 Course Number Summer Fall Ag Winter Spring Proposed Title Computational Models and Methods Variable Title Yes No No risted Title Comp Models & Methods СО Prer

Abbreviated title will be entere				<del></del>		
CROSS LISTED COURSES  With any over 2004 A 2010 A 1-100 A 1-10	2. Vari	ed Credit: Cr. Hrs. iable Credit Range: Minimum Cr. Hrs (Check One) To Maximum Cr. Hrs.	1. 2. 3.		nly edit lit by Examination red	
Instructional Class FTE Type Hours Primary Secondary Laboratory Lab. Prep.	Instructional Type Auto-tutorial Ind. Study Clinic Experiential	Hours Tyr The		S commonwer	CAMPUS(ES) Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus	Secretary 1, 4 and response representations of the secretary of the secret
COURSE DESCRIPTION (PREREQUI Prerequisites: Graduate Standing.	ISHES INCLU	DED):				
Calumet Undergrad Curriculum Committee	Date	Calumet Department Head	Da	te Calumet School	Dean	Date
Calumet Undergrad Curriculum Committee Fort Wayne Department Head	Date Date	Calumet Department Head Fort Wayne School Dean	Da Da	te Fort Wayne Cha	ancellor C.D. S	Date #949
Calumet Undergrad Curriculum Committee  Fort Wayne Department Head  Indianapolis Department Head				te Fort Wayne Cha Appr.for Fac C.D.Sutton,	ancellor C.D. S	Date #949 9/5/01 Date
Fort Wayne Department Head Indianapolis Department Head	Date Date	Fort Wayne School Dean	Da	Fort Wayne Cha Appr.for Fac C.D.Sutton, te Undergrad Curr	encellor C.D. S	Date #949 9/5/01
Fort Wayne Department Head	Date  Date	Fort Wayne School Dean Indianapolis School Dean	Da Da	Appr.for Fac C.D.Sutton, te Undergrad Curre te Date Approved	ancellor Culty Chair iculum Committee  by Graduate Council	Date #949 9/5/01

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GRADUATE COUNCIL DOCUMENT NO.

DEPARTMENT Electrical & Computer Engineering

DATE SUBMITTED 10-05-2000 DATE EFFECTIVE 3/2002000

DEPARTMENT LICOTROCAL & COMPUTED LINGUIS	DATE SUBM	ILLED 10 00	DATE EFFECTIVE 8/20/2001
INSTRUCTIONS: Please check the items below whi			
1. Deletion of a course 2. New course with supporting docur 3. Add existing course offered at an Change in course number at sam 5. Downgrading of course level 6. Upgrading of course level 7. Change in course title	other campus 10 e level 11  12 13	Change in co Change in in: Change in pr Change in de	structional hours
EXISTING:	PROPOSED:		SEMESTERS OFFERED
Course Number 610 Proposed Title Energy Conversion	Subject Abbreviation Course Number		Check All That Apply. Summer Fall Ag Winter Spring
Variable Title Yes No	e of the Registrar if omitted. (22 CHARACTERS O		
2. Va	TYPE ed Credit: Cr. Hrs. riable Credit Range: Minimum Cr. Hrs (Check One) To Maximum Cr. Hrs. uivalent Credit: Yes No esis Credit: Yes No	<ol> <li>Pass/No</li> <li>Repeate</li> <li>Available</li> <li>Designa</li> <li>Special</li> </ol>	TRIBUTES: Check All That Apply.  of Pass Only able for Credit le for Credit by Examination ator Required Fees al Required for Enrollment Department Instructor
Instructional     Class     FTE     Instructional       Type     Hours     Type       Primary     Auto-tutorial       Secondary     Ind. Study       Laboratory     Clinic       Lab. Prep.     Experiential		Class FTE Hours	CAMPUS(ES) INVOLVED Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus
COURSE DESCRIPTION (PREREQUISITES INCLU Prerequisites: Graduate Standing.	JDED):		
Calumet Undergrad Curriculum Committee Date	Calumet Department Head	Date Calu	rmet School Dean Date
Fort Wayne Department Head Date	Fort Wayne School Dean	App	Wayne Chancellor r.for Faculty  Sutton, Chair  Date #949 9/5/01
Indianapolis Department Head Date	Indianapolis School Dean	Date Unde	ergrad Curriculum Committee Date
North Central Department Head  Date  West Lafayette Department Head  Date	North Central Vice Chancellor  West Lafayette School Dean	Sund / 2	Approved by Graduate Council  Approved by Graduate Council
Graduate Area Committee Convener Date	Graduate Doan	Date Wes	tt Lafayette Registrar Date

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