

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

SCHOOL DOCUMENT	NO.	EFD10-02
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DEPARTMENT School of Electrical and Co	mputer Engineering ס	ATE SUBMITTED 2/3/	/2003 DATE EFFECTIVE	Fall 2003
INSTRUCTIONS: Please check the items below wh	ich describe the purpose of this requ PURPOSE	iest.		
1. Deletion of a course 2. New course with supporting documents of the course of the c	iments other campus	9. Change ir 10. Change ir 11. Change ir 12. Change ir 13. Change ir	n semesters offered n course credit/type n course attributes n instructional hours n prerequisites n description of course content of course from one dept. to another	
EXISTING:	PROPOSED:		SEMESTERS OFF	ERED
Subject Abbreviation ECE Course Number 556	Subject Abbreviation Course Number		Summer Fall Ag W	inter Spring
Proposed Title Variable Title Variable Title Yes No	ronics Processing (VLSI)	ada sarandinada arang mananan kananan	* Offered in Alt	ternate Year:
Abbreviated Title Fnd Microeletrncs VLSI Abbreviated title will be entered by the Office	e of the Registrar if omitted. (22 CI	HARACTERS ONLY)		
1. E 2. V 3. V 4. V 5. V		1. Pass 2. Rep 3. Avai 4. Dess 5. Spe	E ATTRIBUTES: Check All That Apply. s/Not Pass Only seatable for Credit illable for Credit by Examination signator Required scial Fees broval Required for Enrollment Department Instructor	
Instructional Class FTE Instructional Type Hours Type Auto-tutoria Secondary Laboratory Lab. Prep. Experientia Experientia	Hours Type Thesis Observ Matls E	Hours vation	FTE CAMPUS(ES) I Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus	
COURSE DESCRIPTION (PREREQUISITES INC	LUDED):			
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Calumet Undergrad Curriculum Committee Date	Calumet Department Head	Date	Calumet School Dean	Date
Fort Wayne Department Head Date	Fort Wayne School Dean		Fort Wayne Chancellor Apr. for Faculty M.D.Zoltowski, Chair	Date 2/26/03
Indianapolis Department Head Date	Indianapolis School Dean		Undergrad Curriculum Committee	Date
North Central Department Head Date	North Central Vice Chancellor	Date 3/5/03	Date Approved by Graduate Council	6/18/03
West Lafake to Cepartment Head Date	West Lafayette School Dean	Date	Graduate Council Secretary Websa She	ets
Graduate Area Committee Convener Date	Graduate Dean	Date	West Lafay CLER PREVING OFFICIA!	Date

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Office of the Registrar FORM 40 REV. 2/99

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DEPARTMENT School of Electrical and Com	nputer Engineering DATE SUBM	IITTED 2/3/2003	DATE EFFECTIVE Fall 20)03
INSTRUCTIONS: Please check the items below which				
1. Deletion of a course 2. New course with supporting docun 3. Add existing course offered at ano 4. Change in course number at same 5. Downgrading of course level 6. Upgrading of course level 7. Change in course title	ther campus 10 b level 11 12 13	 Change in cour Change in cour Change in instrict Change in preres Change in description 	se credit/type se attributes uctional hours	
EXISTING:	PROPOSED:		SEMESTERS OFFERED	
Subject Abbreviation Course Number Proposed Title Solid-State Devices	Subject Abbreviation Course Number		Check All That Apply. Summer Fall Ag Winter	Spring
Variable Title Yes No		L		
Abbreviated Title Solid-State Devices Abbreviated title will be entered by the Office	of the Registrar if omitted. (22 CHARACTERS C	ONLY)		
CROSS LISTED COURSES CREDIT			RIBUTES: Check All That Apply.	····
MANUFACTURE DE LA CONTRACTOR DE LA CONTR	ted Credit: Cr. Hrs. riable Credit Range: Minimum Cr. Hrs (Check One) To	Repeatabl Available f	Pass Only le for Credit for Credit by Examination or Required	10000000000000000000000000000000000000
чення в поставления поставлен	Maximum Cr. Hrs. uivalent Credit: Yes No	5. Special Fe		
3 consequence of the second se	esis Credit: Yes No	•	Department Instructor	
Instructional Class FTE Instructional Type Hours Type Auto-tutorial Ind. Study Clinic Experiential	Class FTE Instructional Type Thesis Observation Matls Based	Class FTE Hours	CAMPUS(ES) INVOLV Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus	/ED
COURSE DESCRIPTION (PREREQUISITES INCLU	JDED):			
Calumet Undergrad Curriculum Committee Date	Calumet Department Head	Date Calume	et School Dean	Date
Fort Wayne Department Head Date	Fort Wayne School Dean	Apr.	ayne Chancellor for Faculty Zoltowski, Char	Date /26/03
Indianapolis Department Head Date	Indianapolis School Dean	Date Underg	grad Curriculum Committee	Date
North Central Department Head Date	North Central Vice Chancellor	Date Date A	approved by Graduate Council	
Man F) Ju K	X h Kung	3/5/03 Ma	ruly D. Heist 6/18	103
Vest Lafayette Dipaytment Head Date	West Lafayette School Dear	Date Grådu	lebra Sheets	Date
Graduate Area Committee Convener Date	Graduate Dean	Date West I	Lafaye GEREGEYANG OFFICIAL	Date

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INSTRUCTIONS: Please check the items below which describe the purpose of this request. PURPOSE 1. Deletion of a course 2. New course with supporting documents 3. Add existing course effered at another campus 4. Change in course earthfultes 5. Downgrading of course level 6. Upgrading of course level 7. Change in course in instructional hours 6. Upgrading of course level 11. Change in instructional hours 12. Change in prerequisites 13. Change in prerequisites 14. Transfer of course from one dept. to another EXISTING: PROPOSED: SEMESTERS OFFERED Subject Abbreviation Course Number 612 Course Number 612 Course Number 612 Course Number 612 Course Number Advanced VLSI Devices Abbreviated Title Advanced VLSI Devices Abbreviated Title Advanced VLSI Devices 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. 2. Variable Credit Range: Minimum Cr. Hrs. 3. Available for Credit by Examination 4. Designator Required 5. Special Fees	DEPARTMENT School of Electric	cal and Com	nputer Engineering DATES	UBMITTED 2	2/3/2003 DATE EFFECTIVE Fall 2003
1. Deletion of a course	INSTRUCTIONS: Please check the ite	ems below whic		· · · · · · · · · · · · · · · · · · ·	
Subject Abbreviation Course Number 612 Subject Abbreviation Course Number 612 Course Number Fall Ag Winter Spring Summer Fall Ag Winter Spring Summer Fall Ag Winter Spring Winter Sprin	2. New course with su 3. Add existing course 4. Change in course r 5. Downgrading of course 6. Upgrading of course	pporting docun offered at ano umber at same urse level o level	nents [9. Chang 10. Chang 11. Chang 12. Chang 13. Chang	e in course credit/type le in cour se attributes le in instructional hours le in prerequisites le in description of course content
Course Number 612 Course Number Proposed Title Variable Title Ves No Abbreviated Title Advanced VLSI Devices Abbreviated Title Advanced VLSI Devices 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. 2. Variable Credit Range: Minimum Cr. Hrs. (Check One) To Or 4. Designator Required Maximum Cr. Hrs. 5. Special Fees	EXISTING:		PROPOSED:		SEMESTERS OFFERED
Variable Title Yes No * Offered in Alternate Yes Abbreviated Title Advanced VLSI Devices 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. 1. Pass/Not Pass Only 2. Variable Credit Range: 2. Repeatable for Credit 3. Available for Credit by Examination (Check One) To	Course Number 612		Subject Abbreviation Course Number		Summer Fall Ag Winter Spring
Abbreviated Title Advanced VLSI Devices 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. 2. Variable Credit Range: Minimum Cr. Hrs (Check One) To Or 3. Available for Credit by Examination (Check One) To Maximum Cr. Hrs. 5. Special Fees	Tioposed title	***************************************			The second secon
CROSS LISTED COURSES CREDIT TYPE 1. Fixed Credit: Cr. Hrs. 2. Variable Credit Range: Repeatable for Credit Minimum Cr. Hrs (Check One) To Or 4. Designator Required Maximum Cr. Hrs. 5. Special Fees	Abbreviated Title Advanced VLSI Abbreviated title will be entere	Devices	of the Registrar if omitted (22 CHARACT	FRS ONLY	**************************************
3. Equivalent Credit: Yes No No Department 4. Thesis Credit: Yes No No Department Instructor		CREDIT 1. Fix 2. Var	TYPE ed Credit: Cr. Hrs. iable Credit Range: Minimum Cr. Hrs (Check One) To Maximum Cr. Hrs, sivalent Credit: Yes No	COUR 1. P 2. R 3. A 4. D 5. S	Pass/Not Pass Only Repeatable for Credit Available for Credit by Examination Resignator Required Repecial Fees Reproval Required for Enrollment Department
Instructional Class FTE Instructional Class FTE Instructional Class FTE CAMPUS(ES) INVOLVED	Type Hours Primary Secondary Laboratory	Type Auto-tutorial Ind. Study Clinic	Hours Type Thesis Observation		Calumet Fort Wayne Indianapolis North Central West Lafayette
COURSE DESCRIPTION (PREREQUISITES INCLUDED):	COURSE DESCRIPTION (PREREQU	ISITES INCLU	DED):		
					
Calumet Undergrad Curriculum Committee Date Calumet Department Head Date Calumet School Dean Date	Calumet Undergrad Curriculum Committee	Date	Calumet Department Head	Date	Calumet School Dean Date
Fort Wayne Department Head Date Fort Wayne School Dean Date Apr. Apr. Apr. M. Pate 2/26/03 M. D. Zoltowski, Chair	Fort Wayne Department Head	Date	Fort Wayne School Dean		April Talein 2/26/03
Indianapolis Department Head Date Indianapolis School Dean Date Undergrad Curriculum Committee Date	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 North Central Department Head Date North Central Vice Chancellor, Date Date Approved by Graduate Council	North Central Department Head	Date	North Central Vice Chancellor	Date 3/5-/03	Date Approved by Graduate Council
Vest Lafgreite Verpartment Head Date West Lafayette School Dean Date Graduate Council Secretary Date	√est Lafayette vepartment Head	Date	West Lafayette School Dean	93709 Date	Graduate Council Secretary Date
Graduate Area Committee Convener Date Graduate Dean Date West Lafayette Registrar Date OFFICE OF THE REGISTRAR	Graduate Area Committee Convener	Date			West Lafayette Registrar Date

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EXISTING:	PROPOSED:		SEMESTE	RS OFFERED
Subject Abbreviation ECE Course Number 658	Subject Abbreviation Course Number	***************************************	Check All That A	
Proposed Title Semiconductor Material and Variable Title Yes No	Device Characterization		* Offered in	
Abbreviated Title Sc Matl Device Charac			* Offered in	Alternate Years.
Abbreviated title will be entered by the Office	e of the Registrar if omitted. (22 CHARA	CTERS ONLY)	***************************************	
1. FI 2. VI	T TYPE xed Credit: Cr. Hrs. ariable Credit Range: Minimum Cr. Hrs (Check One) To Maximum Cr. Hrs. quivalent Credit: Yes No hesis Credit: Yes No	1. Pa 2. Re 3. Av 4. De 5. Sp	SE ATTRIBUTES: Check All ass/Not Pass Only epeatable for Credit vailable for Credit by Examination Required pecial Fees oproval Required for Enrollm Department Instructor	ation
Instructional Class FTE Instructional Type Hours Type Primary Auto-tutorial Secondary Ind. Study Laboratory Clinic Lab. Prep. Experiential	Hours Type	Hours n	Calume Fort W Indiana North 0	ayne polis Central afayette
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