

OFFICE OF PROFESSIONAL PRACTICE

TO:

Eckhard A. Groll, Director

Office of Professional Practice

FROM:

Stephen P. Wanders

Associate Director, Cooperative Education

Office of Professional Practice

DATE:

April 8, 2016

RE:

Approval of Parallel Cooperative Education (Co-Op) program

The Professional Practice Advisory Council (PPAC), at its meeting on April 8, 2016, considered the enclosed documents requesting the establishment Parallel Co-Op as a new major within the existing Cooperative Education Certificate Program. The PPAC voted in favor of the proposal and recommends authorization of the granting of a Certificate of Completion to students who satisfactorily complete the program and the requirements for a Bachelor's degree. The program is to become effective with the 2016-2017 academic year.

Approval:

Eckhard A. Groll, Chair

Professional Practice Advisory Council

Enclosures

TO:

The Faculty of the College of Engineering

FROM:

Office of Professional Practice

RE:

New Undergraduate Courses ENGR 26099, 36199, 36299, 36099, 46399, 46499, 46099

The faculty of the Professional Practice Advisory Council (PPAC) have approved the following new courses. This action is now submitted to the Engineering Faculty with a recommendation for approval.

ENGR 26099

Professional Practice Parallel Co-Op Summer I

Semester: Summer; Experiential; Credit: 0

Prerequisite: Student must be eligible to participate in the Cooperative Education (Co-Op) program, and have written documentation of valid work session with approved Co-Op employer.

ENGR 36199

Professional Practice Parallel Co-Op Semester I

Semester: Fall, Spring; Experiential; Credit: 0

Prerequisite: Student must be eligible to participate in the Cooperative Education (Co-Op) program, and have written documentation of valid work session with approved Co-Op employer.

ENGR 36299

Professional Practice Parallel Co-Op Semester II

Semester: Fall, Spring; Class: 1; Credit: 0

Prerequisite: Student must be eligible to participate in the Cooperative Education (Co-Op) program, and have written documentation of valid work session with approved Co-Op employer; and ENGR 36199.

ENGR 36099

Professional Practice Parallel Co-Op Summer II

Semester: Summer; Experiential; Credit: 0

Prerequisite: Student must be eligible to participate in the Cooperative Education (Co-Op) program, and have written documentation of valid work session with approved Co-Op employer; and ENGR 26099.

ENGR 46399

Professional Practice Parallel Co-Op Semester III

Semester: Fall, Spring; Experiential; Credit: 0

Prerequisite: Student must be eligible to participate in the Cooperative Education (Co-Op) program, and have written documentation of valid work session with approved Co-Op employer; and ENGR 36299.

ENGR 46499

$\label{thm:professional} \textbf{Professional Practice Parallel Co-Op Semester IV}$

Semester: Fall, Spring; Experiential; Credit: 0

Prerequisite: Student must be eligible to participate in the Cooperative Education (Co-Op) program, and have written documentation of valid work session with approved Co-Op employer; and ENGR 46399.

ENGR 46099

Professional Practice Parallel Co-Op Summer III

Semester: Summer; Experiential; Credit: 0

Prerequisite: Student must be eligible to participate in the Cooperative Education (Co-Op) program, and have written documentation of valid work session with approved Co-Op employer; and ENGR 36099.

Description:

Co-Op is an academic program with oversight provided by assigned Faculty Coordinators who serve as the Instructor for participating students. Parallel Co-Op program participants are undergraduate students, who work part-time (more than 12 hours per week and less than 30 hours per week) in paid computer science, engineering, polytechnic, or management positions during the academic year terms (fall and spring semesters) for an employer with a local operation or office. During the summer term, Parallel Co-Op students work in full-time positions at any location offered by the employer. A minimum of a one-year commitment is standard for both Parallel Co-Op students and employers. During the academic year, Parallel Co-Op students register for 6 to 9 credit hours of academic course load, and also for this zero-credit hour Parallel Co-Op course that carries half-time student status to recognize the academic impact of the experience. The combination of both academic course and Parallel Co-Op course registrations provides students with full-time status. During the summer term, Parallel Co-Op students register for a zero-credit hour Parallel Co-Op Summer course that carries full-time student status.

Reason:

Parallel Co-Op is a new program to Purdue, and has been requested by our current and prospective Co-Op employers as an alternative work rotation to our traditional 5-session and 3-session Co-Op programs. A new zero-credit course is required to provide the half-time student status necessary to supplement the half-time academic course load during fall and spring semesters, for combined full-time student status.

Eckhard A. Groll

My/holl

Director of Office of Professional Practice Reilly Professor of Mechanical Engineering Approved for the faculty of the Schools of Engineering by the Engineering Curriculum Committee

Ece Minutes #3 Date 10 18 16

PURDUE UNIVERSITY

DEPARTMENT College of Engineering	EFFECTIVE SESSION Fall 2016
INSTRUCTIONS: Please check the items below which describe the purpose of t	
 1. New course with supporting documents 	 7. Change in course attributes (department head signature only)
 2. Add existing course offered at another campus 	□ 8. Change in instructional hours
 3. Expiration of a course 	☐ 9. Change in course description
 4. Change in course number 	□ 10. Change in course requisites
5. Change in course title	☐ 11. Change in semesters offered (department head signature only)
☐ 6. Change in course credit/type	☐ 12. Transfer from one department to another
PROPOSED: <u>EXISTING</u> :	TERMS OFFERED
Subject Abbreviation ENGR Subject Abbreviation	Check All That Apply:
Subject Abbieviation Enverse	☑ Summer □ Fall □ Spring
Course Number 26099 Course Number	CAMPUS(ES) INVOLVED
Course (Admibe)	☐ Calumet ☐ N. Central
Long Title Professional Practice Parallel Co-Op Summer I	□ Cont Ed □ Tech Statewide
Long Tille Professional Practice Parallel Co-Op Summer I	□ Ft. Wayne ☑ W. Lafayette
Short Title Parallel Co-Op Summer I	☐ Indianapolis
Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTI	
CREDIT TYPE	COURSE ATTRIBUTES: Check All That Apply
1. Fixed Credit: Cr. Hrs. 0 1. Pass/Not Pass Only	6 Registration Approval Type
Variable Credit Range: 2. Satisfactory/Unsatisfactory	
Minimum Cr. Hrs 3. Repeatable	7 Variable Title
(Check One) To Or Maximum Repeatable	
Maximum Cr. Hrs 4. Credit by Examination	9 Full Time Privilege
3. Equivalent Credit: Yes☐ No ☑ 5. Fees ☑ Coop ☐ Lab	
Include comment to explain	n fee
Schedule Type Minutes Meetings Per Weeks % of Credit Per Mtg Week Offered Allocated	Cross-Listed Courses
Lecture	
Recitation	
Presentation	
Lab Prep	
Studio	
Distance	
Clinic	(30-40 work hrs/wk)
Research	
Ind. Study	
Pract/Observ	
COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):	
Co-Op is an academic program with oversight provided by assigned Faculty Coc	ordinators who serve as the Instructor for participating students. Parallel Co-Op program participants
are undergraduate students, who work part-time (more than 12 hours per week	and less than 30 hours per week) in paid computer science, engineering, polytechnic, or management
positions during the academic year terms (fall and spring semesters) for an employer. During the academic year	loyer with a local operation or office. During the summer term, Parallel Co-Op students work in full- ir, Parallel Co-Op students register for 6 to 9 credit hours of academic course load, and also for this
zero-credit hour Parallel Co-On course that carries half-time student status to rec	cognize the academic impact of the experience. The combination of both academic course and
Parallel Co-Op course registrations provides students with full-time status. Durin	ng the summer term, Parallel Co-Op students register for a zero-credit hour Parallel Co-Op Summer
course that carries full-time student status. Prerequisite: Student must be eligible	le to participate in the Cooperative Education (Co-Op) program, and have written documentation of
valid work session with approved Co-Op employer.	
*COURSE LEARNING OUTCOMES	
Calumet Department Head Date Calumet School Dean	Date
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
Indianapono Departitori, Frodu	
North Central Faculty Senate Chair Date Vice Chancellor for Academic	c Affairs Date
Mulled another the	The while
willy fell 04/06/16 Marie	10/10 10/4/16
West Lafayette Department Head Date West Lafayette College/School	pol Dean Date West Lafayette Registrar Date

PURDUE UNIVERSITY

DEPARTMENT	Colleg	ge of Engin	eering		EFFECTIVE SE	SION	Fall 2016						
INSTRUCTIONS	S: Please	check the iter	ns below which	n describe the purpose of	this request.								
-			supporting d								nt head	d signature on	ly)
		100		t another campus					ctional hours				
	0.000	ation of a co					Change in		e description	1			
		nge in cours nge in cours								(denadme	ent he	ad signature o	nlv)
		•	e credit/type				-		e departmer			au o.g.	
PROPOSED:				_EXISTING:						ERMS OFF)	\top
Subject Abbreviati	on ENC	SR.		Subject Abbreviation				l		Check All Tha			
,	L							Ø	Summer		Fall	☐ Spring	
Course Number			36099	Course Number					CAN Calumet	MPUS(ES) II	VVOLV	/ED N. Central	
Long Title P	rofessio	nal Practice	e Parallel C	o-Op Summer II					Cont Ed			Tech Statewide	
		- O- C.							Ft. Wayne			W. Lafayette	
		o-Op Sumi		Registrar if omitted. (30 CHARACT	TERE ON V			ы	Indianapolis				
AD			y the Office of the f	Tegistrar ii omitted. (30 CHARAC)			TD1011750	<u> </u>					i I
4. Fired Oradia O	CREDIT		——————————————————————————————————————	1 Page/Net Page Only	COOL		TRIBUTES: (Registration A						
 Fixed Credit: C Variable Credit 		0		Pass/Not Pass Only Satisfactory/Unsatisfactory		0		rtment	□ □	Instructor	V		
Z. Variable Credit				Repeatable		7	Variable Title	il a none		mod dotor			
(Check One		Or l		Maximum Repeatable			Honors						
Maximum				Credit by Examination			Full Time Privil	lege			V		
3. Equivalent Cre	81 840	□ No	7	5. Fees ☑ Coop ☐ Lab	☐ Rate Request		Off Campus E		ce				
Cahadula Tuna		Minutes	Meetings Per	Include comment to explain Weeks % of Credit	in fee								
Schedule Type		Per Mtg	Week	Offered Allocated						Cro	ss-List	ed Courses	
Lecture Recitation													
Presentation													
Laboratory													
Lab Prep Studio					•								
Distance													
Clinic Experiential				12 100	(30-40 work hrs/wk)								
Research													
Ind. Study Pract/Observ					•								
					•								
COURSE DESCR	RIPTION (IN	CLUDE REQUI	ersight provide	ctions): ed by assigned Faculty Co	ordinators who serve	as the	Instructor fo	r partic	ipating stude	nts. Paralle	I Co-O	p program part	icipants
are undergradu	ate stude	nts, who work	part-time (mor	re than 12 hours per week	and less than 30 ho	urs per	week) in paid	d comp	uter science,	engineering	g, polyt	echnic, or man	agement
positions during	g the acad at any loca	emic year teri tion offered b	ms (tall and spi v the employer	ring semesters) for an emp	oloyer with a local op ar. Parallel Co-Op st	eration udents	register for 6	to 9 cr	edit hours of a	academic c	ourse l	oad, and also f	or this
zero-credit hou	r Parallel (Co-Op course	that carries ha	alf-time student status to re	cognize the academ	ic impa	ct of the expe	erience	 The combine 	nation of bol	th acad	demic course a	nd
Parallel Co-Op	course re	distrations pro	vides students	with full-time status. Duri	ng the summer term	Parall	el Co-Op stud	dents r	egister for a z	ero-credit h	our Pa	rallel Co-Op Su	ımmer
course that car	ries full-tim	ne student sta	itus. Prerequis In employer ar	ite: Student must be eligit nd ENGR 26099.	ole to participate in tr	e Coop	erative Educ	ation (Co-Up) progr	am, and na	ve wnu	en documenta	uon oi
*COURSE LEAR			op omployer ar	III LITOT LEGGG.									
OOONOL LEAN	11110 0010	JOINEO		,									

Calumet Department	nent Head		Date	Calumet School Dean		Date							
Fort Wayne Dep	artment Hea	ad	Date	Fort Wayne School Dean		Date							
Indianapolis Dep	artment He	ad	Date	Indianapolis School Dean		Date							
North Central Fa	culty Senat	e Chair	Date	Vice Chancellor for Academ	ic Affairs	Date	•						
6. Min	11.00	1 01	1/06/16	M1 / 11/4	Alas	1	hun						
encure	per			MANUAL /-	HAN	19	×116	t Lafor	ette Registrar				Date
West Lafayette	pepartment	Head	Date	West Lafayette College/Scr	IOOI DEBIJ	Date	- vves	Lalaye	we wadistigt				Date

PURDUE UNIVERSITY

DEPARTMENT	College of	Engineering		EFFECTIVE SESS	ION Fall 2016			
INSTRUCTION	S: Please check	the items below which	describe the purpose of t	this request.				
	1. New cour	se with supporting do	ocuments		7. Change in	course attributes (department head signatu	re only)
	2. Add existi	ing course offered at	another campus		8. Change in i	instructional hours	;	
	3. Expiration	of a course			9. Change in	course description	i .	
	4. Change in	n course number			10. Change in o	course requisites		
	5. Change in	n course title			11. Change in s	semesters offered	(department head signat	ure only)
	6. Change in	n course credit/type			12. Transfer fro	om one departmer	nt to another	
PROPOSED:			_EXISTING:			1	ERMS OFFERED	
Subject Abbreviati	ion ENGR		Subject Abbreviation			1	Check All That Apply:	
Cubject / Ibbi criati			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	I		☑ Summer	☐ Fall ☐ :	Spring
Course Number		46099	Course Number			CAM	IPUS(ES) INVOLVED	
Course Number		10000	Godino Manibol			☐ Calumet	☐ N. Centra	1
Long Title P	rofessional F	Practice Parallel Co	o-Op Summer III			☐ Cont Ed	☐ Tech Stat	tewide
Long The			- I			☐ Ft. Wayne	W. Lafaye	ette
Short Title P	arallel Co-O	Summer III				☐ Indianapolis		
1			Registrar if omitted. (30 CHARACT	'ERS ONLY)				
		·	1		E ATTRIBUTES:	Check All That Apply		
4 Fixed Oradi C	CREDIT TYP		1 Page/Not Page Only	COURS	6 Registration A			
Fixed Credit: C Variable Credit: C			Pass/Not Pass Only Salisfactory/ Jacquisfactory			rtment	Instructor 🖸	
Variable Credit			Satisfactory/Unsatisfactory Poppetable	Only 🖸	7 Variable Title	rundik 🖵		
Minimum (or 🗆	Repeatable Maximum Repeatable		8 Honors			
(Check On		Or C		Credit:		logo		
Maximum		No 🗹	4. Credit by Examination		9 Full Time Privil			
Equivalent Cre	edit: Yes 🗌	No U	5. Fees ☑ Coop ☐ Lab Include comment to explai		10 Off Campus Ex	xperience	_	
Schedule Type	Mir	nutes Meetings Per	Weeks % of Credit					
	Pe	r Mtg Week	Offered Allocated				Cross-Listed Course	es
Lecture							*	
Recitation Presentation								
Laboratory								
Lab Prep								
Studio Distance								
Clinic	***************************************							
Experiential	***************************************		12 100	(30-40 work hrs/wk)				
Research Ind. Study								
Pract/Observ				•				
COURSE DESCR	RIPTION (INCLUD	E REQUISITES/RESTRIC	HONS):	ordinators who serve a	s the Instructor fo	r narticinating stude	nts. Parallel Co-Op program	n participants
are undergradu	uate students, w	ho work part-time (mor	e than 12 hours per week	and less than 30 hours	per week) in paid	computer science,	engineering, polytechnic, or	management
positions during	o the academic	vear terms (fall and spr	ing semesters) for an emp	ployer with a local opera	ation or office. Du	ring the summer ter	m, Parallel Co-Op students	work in full-
time positions	at any location of	ffered by the employer.	. During the academic year	ar, Parallel Co-Op stude	ents register for 6	to 9 credit hours of a	academic course load, and	also for this
zero-credit hou	ır Parallel Co-Op	course that carries ha	If-time student status to re	cognize the academic	impact of the expe	erience. The combin	nation of both academic cou	orse and
Parallel Co-Op	course registra	tions provides students	with full-time status. Duri	ng the summer term, P	Cooperative Educ	ation (Co-On) progra	ero-credit hour Parallel Co-(am, and have written docun	nentation of
		ed Co-Op employer an		ole to participate in the	Occident o Educ	amon (oo op) progn	,	
	NING OUTCOME							
COURSE LEAR	INING OUTCOME	3						

Calumet Departr	ment Head	Date	Calumet School Dean	[Date			
Fort Wayne Dep	artment Head	Date	Fort Wayne School Dean	C	Date			
1			• New					
					Data.			
Indianapolis Dep	partment Head	Date	Indianapolis School Dean	ı	Date			
North Central Fa	culty Senate Chai	r Dale	Vice Chancellor for Academ	ic Affairs	Date			
/11.	11 00		11. 1119	4	-1 1			
UMMA	y holl	04/06/16	YTHINIAUT (c)	Malle 1	12/1/2			
West Lafayette	Department Head	Date	West Vafayette Gollege/Sch	ool Dean	Date Wes	t Lafayette Registrar		Date
	,		,					

PURDUE UNIVERSITY

DEPARTMENT	Colleg	e of Engine	ering		EFFECTIV	E SESSION	Fall 2016	5			
INSTRUCTIONS	: Please c	heck the items	below which	describe the purpose of t		***************************************					
V.	1. New	course with s	supporting do	ocuments		7.	Change in	course attributes	(department he	ad signature only)	
	2. Add	existing cours	se offered at	another campus		□ 8.	Change in	instructional hour	'S		
	Expir	ation of a cou	urse			9.	Change in	course description	n		
	4. Chan	ge in course	number								
	5. Chan	ge in course	title			11.	Change in	semesters offere	d (department h	ead signature only))
	6. Chan	ge in course	credit/type			12.	Transfer fr	om one departme	ent to another		
PROPOSED:				EXISTING:				T	TERMS OFFERE	D	***************************************
	n IENG	R				***************************************		1		P 200	
				,				Summer	✓ Fall	✓ Spring	
Course Number			36199	Course Number	***************************************			CAI	MPUS(ES) INVOL	VED	
								Calumet		N. Central	
Long Title Pr	rofession	nal Practice	Parallel Co	-Op Semester I	***************************************			Cont Ed		Tech Statewide	
_					***************************************	***************************************		Ft. Wayne		W. Lafayette	
Short Title Pa	arallel C	o-Op Seme	ster I					Indianapolis			
Abb	oreviated title	will be entered by	the Office of the F	legistrar if omitted. (30 CHARACT	ERS ONLY)						
	CREDIT	TYPE	П			COURSE AT	TRIBUTES: 0	Check All That Apply			
Fixed Credit: Cr.				1. Pass/Not Pass Only							
A STATE OF THE STA	CAMPUSES NOLVES										
	110000			and the second s			•	-		j l	
THE RESERVE TO STREET		Or C			Credit:					j l	
100 St. C.	Г			THE RESERVE AND A SERVE AND A SERVE AS A SER	and the second s			ilege (half-time this co	ourse plus	half-time class load)	
300000000000000000000000000000000000000		No [7	5. Fees Coop Lab	Rate Requ	uest 10	Off Camous E	Experience] [
NOTIFICATION Passes chack this ferre below which describe the purpose of the request. 7. Change in course altitules (department head signalure of the property of the pr											
Schedule Type									Cross-l is	sted Courses	
Lecture		rei wig	AAGGK	Offered Allocated					01033 ER	ACG COGISCO	
and the same of th										i	
The second secon											
The state of the s	9-			17 100	(12-29 work hrs	s/wk)					
					•	,			***************************************		
	Ţ.										
NOSTRUCTORNS: Please chack the lives below which describe the purpose of this request. 7. Change in course altithuides (deportment head signature only) 2. Add existing course offered all another campus 8. Change in instructional hours 9. Change in course formed all another campus 9. Change in course requisities 1. Change in course deferred (department head signature only) 1. Change in course deferred (department head signature only) 1. Change in course requisities 1. Change in course deferred (department head signature only) 1. Change in course deferred (department head signature only) 1. Change in course deferred (department head signature only) 1. Change in course deferred (department head signature only) 1. Change in course deferred (department head signature only) 1. Change in course deferred (department head signature only) 1. Change in course deferred (department head signature only) 1. Change in course deferred (department head signature only) 1. Change in course deferred department on conference on the deferred department on conference on the deferred department on conference on the deferred department on the deferred department on the deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head signature only) 1. Change in course deferred department head 1. Change in course d						nto 1					
NSTRUCTIONS: Please cheak the learns below which indeeds the purpose of this request. Change in course attributes (department head signature only)											
NSTRUCTORS: Please chack the term before which secrible the purpose of this request. 7. Change in instructional hours 9. Change in course attributes (department head signature only) 8. Change in instructional hours 9. Change in course categorities 9. Change in course attributes (department head signature only) 9. Change in course categorities 9. Change in course attributes (department head signature only) 9. Change in course categorities 9. Change in course categorities 9. Change in course or categorities 9. Change in course categorities 9. Cha						J-					
NSTRUCTONS: Please chack the Bere bidow which describe the purpose of this request. 7. Change in course attributes (department head signature only)						is					
zero-credit hour	Parallel Co	o-Op course th	at carries half	-time student status to red	ognize the aca	ademic impac	ct of the expe	rience. The combi	nation of both aca	demic course and	
				e: Student must be eligibl	e to participate	in the Coop	eralive Educa	ation (Co-Op) progr	am, and have wit	tten documentation o	"
NOSTRUCTORIS. Please check the leves believe which describe the purpose of this request. 7. Change in course altithuldes (department head signature only) 2. Add existing course offered all another campus 8. Change in instructional hours 9. Change in course requisites 1. Change in course activity 1. Change in course 1								-			
*COURSE LEARN	ING OUTCO	OMES									
1											
Calumet Departme	ent Head		Date	Calumet School Dean		Date					
1											
Fort Wayne Depar	rtment Head		Date	Fort Wayne School Dean		Date	•				
, on majing popul			-4.0	, ,							
			Data	Indiananalia Cabaal Daga		Data					
indianapolis Depai	riment Head	1	Date	indianapolis School Dean		Date					
							_				
North Central Faci	ulty Senate	Chair	Date	Vice Chancellonfor Academic	Affairs	Date	-				
6/1/	//,	W N	1101.111	VIII K	Mar	. / .	111				
NSTRUCTIONS: Please cites the items below which describs the purpose of this request. No course with upporting documents 2. Add exiding ourse offered at another campus 8. Change in rocurse attributes (department head signal 2. Add exiding ourse offered at another campus 8. Change in instructional hours 8. Change in ourse requisites 8											
West Lafayette De	eparlment H	ead	Date	West Lafayette College/School	of Dean	Date	Wes	t Lafayette Registrar			Date
I	/			/							

PURDUE UNIVERSITY

DEPARTMENT	College of Engin	eering		EFFECTIVE	SESSION	all 2016			
INSTRUCTIONS:	Please check the item	s below which	describe the purpose of t	his request.					
	Expiration of a control Change in course	rse offered at ourse e number e title			☐ 8. CI ☐ 9. CI ☐ 10. CI ☐ 11. CI	hange in i hange in d hange in d hange in s	course attributes instructional hour course descriptio course requisites semesters offered on one departme	s n d (department hea	d signature only) ad signature only)
PROPOSED:			_EXISTING:			T	-	TERMS OFFERED	
Subject Abbreviation	ENGR	20000	Subject Abbreviation				Summer	Check All That Apply: Fall	✓ Spring
Course Number		36299	Course Number				Calumet	IPUS(ES) INVOLV	N. Central
	ofessional Practice		-Op Semester II				Cont Ed Ft. Wayne		Tech Statewide W. Lafayette
- Lancace	rallel Co-Op Seme						Indianapolis		
Abb		y the Office of the R	egistrar if omitted. (30 CHARACT		***************************************	1			
Fixed Credit: Cr. Variable Credit R Minimum Cr. (Check One) Maximum Cr. 3. Equivalent Credit Schedule Type	ange: Hrs To Or . Hrs . Yes No		1. Pass/Not Pass Only 2. Satisfactory/Unsatisfactory 3. Repeatable Maximum Repeatable 4. Credit by Examination 5. Fees	Only [Credit: [Rate Reque	6 Re 7 Va 7 Va 8 Ho 9 Ful est 10 Off	gistration Ap Depar riable Title nors Il Time Privile Campus Ex	check All That Apply oproval Type riment ege (half-time this co operience company): "PCOOP" (\$2		half-time class load)
Lecture Recitation									
Presentation									
Laboratory Lab Prep			***************************************						
Studio Distance									
Clinic				(40.00 1.1					
Experiential Research			17 100	(12-29 work hi	S/WF				
Ind. Study Pract/Observ	***************************************								
	PTION (INCLUDE REQUIS	TEC/DECTDICTI	ONE):						
are undergradual positions during the time positions at zero-credit hour for Parallel Co-Op concurse that carries	te students, who work per term academic year term any location offered by Parallel Co-Op course tourse registrations proves full-time student statun with approved Co-Op	part-time (more us (fall and sprin the employer. hat carries half- rides students w us. Prerequisite	by assigned Faculty Cocthan 12 hours per week a go semesters) for an empl During the academic year time student status to receivith full-time status. During: Student must be eligibl ENGR 36199.	and less than 30 oyer with a loca r, Parallel Co-O ognize the acad g the summer t	I hours per wee I operation or o p students regis demic impact of erm, Parallel Co	ek) in paid office. During ster for 6 to feet the experion of	computer science, ing the summer terro 9 credit hours of a rience. The combinents register for a ze	engineering, polyte m, Parallel Co-Op s cademic course loo ation of both acade ero-credit hour Para	chnic, or management tudents work in full- ad, and also for this emic course and allel Co-Op Summer
Calumet Departmen	nt Head	Date	Calumet School Dean		Date				
Fort Wayne Depart	ment Head	Date	Fort Wayne School Dean		Date				
Indianapolis Depar	ment Head	Date	Indianapolis School Dean	313.00	Date				
North Central Facu	1 1 111		Vice Chancellor for Academic	Affairs	Date	/ ₄ .			
West Lafayette De	11/	1/06/16 Date	West Lafayette College/School	ol Dean	Date	West	Lafayette Registrar		Date

PURDUE UNIVERSITY

DEPARTMENT	College of Enginee	ring		EFFECTIVE	SESSION	Fall 2016			
	Please check the items b	elow which desc	cribe the purpose of th	CONTRACTOR OF THE PARTY OF THE					
2 3 4 5	 Add existing course Expiration of a course Change in course not Change in course til 	offered at and se umber tle			8 9 10 11	Change in in the Change in the	nstructional hours course description course requisites semesters offered	(department he	
	. Onlange in course of		EXISTING:			1			
Subject Abbreviation	ENGR	46399	Subject Abbreviation Course Number				Summer	✓ Fall	
2. Add existing course offered at another campus 8. Change in instructional hours 5. Expansion of a course multiple 1. Change in course equisibles 1. Change in course instructional hours 1. Change in course instructional hours 1. Change in course instructional hours 1. Change in course equisibles 1. Change in change 1.		Tech Statewide							
	The second secon		rar if omitted. (30 CHARACT)	ERS ONLY)			Indianapolis		
 Variable Credit R Minimum Cr. (Check One) Maximum Cr. 	Hrs. O tange: To Or Or	2. Si 3. Ri 4. C	atisfactory/Unsatisfactory depeatable Maximum Repeatable fredit by Examination dees Coop Lab	Only [6 Registration Ap Depa 7 Variable Title 8 Honors 9 Full Time Privit 0 Off Campus Ex	oproval Type rtment lege (half-time this co	urse plus	half-time class load)
Schedule Type		etings Per V	Weeks % of Credit	1100	1011 000				ed Courses
Recitation Presentation Laboratory Lab Prep Studio Distance Clinic Experiential Research Ind. Study			17 100	(12-29 work hrs/	wk)				
Co-Op is an acar are undergradua positions during time positions at zero-credit hour Parallel Co-Op c	demic program with oversite students, who work partite academic year terms (any location offered by Parallel Co-Op course tha	ight provided by t-time (more tha (fall and spring s- e employer. Dur t carries half-times students with	assigned Faculty Coo in 12 hours per week a semesters) for an empl ring the academic year ie student status to rec full-time status. Durin	and less than 30 oyer with a loca r, Parallel Co-O ognize the acad g the summer to) hours per il operation p students demic impa erm, Paral	r week) in paid n or office. Dur register for 6 t act of the expe lel Co-Op stud	computer science, ring the summer term to 9 credit hours of a rience. The combinents register for a ze	engineering, polytom, Parallel Co-Ope academic course k action of both acad ero-credit hour Pai	echnic, or management students work in full- oad, and also for this demic course and rallel Co-Op Summer
valid work session	on with approved Co-Op e	mployer; and EN	NGR 36299.						
*COURSE LEARN	ING OUTCOMES								
Calumet Departme	ent Head	Date Cal	lumet School Dean		Date	9			
Fort Wayne Depar	rtment Head	Date For	rt Wayne School Dean		Date	-			
Indianapolis Depa	rtment Head	Date Indi	lianapolis School Dean		Date	9			
allu	/foll 041	06/16	Mirkelly.	Shit	D	21/2	it Lafayette Registrar		Date

PURDUE UNIVERSITY

REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE (10000-40000 LEVEL)

College of Engineering EFFECTIVE SESSION Fall 2016 DEPARTMENT INSTRUCTIONS: Please check the items below which describe the purpose of this request. New course with supporting documents 7. Change in course attributes (department head signature only) 1. Add existing course offered at another campus 8. Change in instructional hours 9. Change in course description 3. Expiration of a course Change in course number ☐ 10. Change in course requisites 4 11. Change in semesters offered (department head signature only) Change in course title 12. Transfer from one department to another 6. Change in course credit/type TERMS OFFERED PROPOSED: EXISTING: Check All That Apply: Subject Abbreviation ENGR Subject Abbreviation ✓ Fall ✓ Spring CAMPUS(ES) INVOLVED 46499 Course Number Course Number N. Central Calumet Professional Practice Parallel Co-Op Semester IV Cont Ed **Tech Statewide** ong Title \Box Ft. Wayne W. Lafayette Parallel Co-Op Semester IV Indianapolis Short Title Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY) COURSE ATTRIBUTES: Check All That Apply **CREDIT TYPE** Fixed Credit: Cr. Hrs. Pass/Not Pass Only 6 Registration Approval Type V Department Variable Credit Range 2. Satisfactory/Unsatisfactory Only 1 Instructor 7 Variable Title 3. Repeatable Minimum Cr. Hrs то 🗌 or \square (Check One) Maximum Repeatable Credit: 8 Honors 1 half-time class load) Maximum Cr. Hrs 4. Credit by Examination 9 Full Time Privilege (half-time this course plus 1 5. Fees Coop Lab Z Rate Request 10 Off Campus Experience Equivalent Credit: New course attribute: "PCOOP" (\$200 flat fee) Include comment to explain fee Schedule Type Minutes Meetings Per Weeks % of Credit Cross-Listed Courses Per Mta Week Offered Allocated Lecture Recitation Presentation aboratory ab Prep Studio Distance Clinic 100 (12-29 work hrs/wk Experiential Research Ind. Study Pract/Observ COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS): Co-Op is an academic program with oversight provided by assigned Faculty Coordinators who serve as the Instructor for participating students. Parallel Co-Op program participants are undergraduate students, who work part-time (more than 12 hours per week and less than 30 hours per week) in paid computer science, engineering, polytechnic, or management positions during the academic year terms (fall and spring semesters) for an employer with a local operation or office. During the summer term, Parallel Co-Op students work in fulltime positions at any location offered by the employer. During the academic year, Parallel Co-Op students register for 6 to 9 credit hours of academic course load, and also for this zero-credit hour Parallel Co-Op course that carries half-time student status to recognize the academic impact of the experience. The combination of both academic course and Parallel Co-Op course registrations provides students with full-time status. During the summer term, Parallel Co-Op students register for a zero-credit hour Parallel Co-Op Summer course that carries full-time student status. Prerequisite: Student must be eligible to participate in the Cooperative Education (Co-Op) program, and have written documentation of valid work session with approved Co-Op employer; and ENGR 46399. *COURSE LEARNING OUTCOMES Calumet School Dean Date Calumet Department Head Date Date Fort Wayne School Dean Date Fort Wayne Department Head Date Indianapolis School Dean Date Indianapolis Department Head Date West Lafayette Registrar Date Vest Lafayette Department Head

Parallel	Co-Op Pr	ogram														
Schedule	E.															
Criedui	- I. 															
						Υ	ear & Ter				alta (A					
	1st Yea	r		2nd Year			3rd Year				4th Yea		5th	Year	(as nec.)	
F	u I	S	S F	S	SS	F	S	SS		F U	S	SS	F	S	SS	
	9				33					1	CONTRACTOR OF THE PARTY OF THE		THE REAL PROPERTY.	9		SACTO
	-	-														
			E 2000000						B23100	AUGUSTA STATE	ESCHINEN/		E Grand Res Laborator			
	On Can	npus														
	Work S	ession	(Full-time o	during Summer;	12 - 29 h	ours per v	veek duri	ng Fall	& Spring	z seme	sters)					
						ours per r	l l	IIII	1							
	Option	al On C	ampus													-
Notes:	1 00	fortol	DRAET prop	osal for Parallel	Co On Pr	ogram da	tod Sonto	mbor	2 2016	-						
Notes:		TI .								\pm						
	2 Ne	ed to	make it flexi	ble enough to a	ccommod	late most	probable	Emplo	yer nee	ds (e.g.	CAT)					
	3 Ne	ed to	differentiate	between Parall	el Co-Op	and plans	that alov	v full-ti	me acad	demic I	oad (e.g	. Pathmaker)			
	4															
	11 1		_		Parallel	Co-Op		П				ПП		П		
Mork be	ours per v	wook		12 ≤ work l	nours per	wook < 3		+		-			-			
	g Fall / S _l			12 S WOLK	louis per	WEEK < 3										
duini	g ruii / Si	Jillig														
Academ	ic credits	per se	em.	6 ≤ academ	nic credit	hours ≤ 9										
durin	g Fall / S	pring														
	ic Status		l.	Half-Time (Ш, Н	_							
(ref.:	Registra	's offic	ce)	Three-Qua	rter Time	(9 - 11.9	credit hoi	urs)	-							
Full Tim	e Status	Poquir	od l	Yes ("PCOC	DP" cours	e registra	tion requi	ired		+						
	rt of Para						it status.)	11								
us pu																
Tuition	basis			Full Tuition	(for > 8	credit hou	ırs)									
(ref.:	Bursar's	office)		Per credit	hour (6 -	7.9 credit	s hours)									
							IL	<u>ا ــــــــــــــــــــــــــــــــــــ</u>								
	ue" Para		Ор	Advertise i					and CC							
is set	up at Pu	rdue		Register fo				101 F, 3	, and 55							
	1			Charges 9-	100 101 1,	5, and 55										
After "t	rue" Para	llel Co	-Op	Register as	"Parallel	Co-Op"										
	up at Pu						vides: ful	l-time s	tudent	status,						
				and cl	narges \$4	00 for F, S	S, and SS									
	m progra		1, 1	888 hours						-			-	-		-
	tion (tota		s /	ex) Summ			40 h/w] : /w] = 204			-				-		-
equiv	alent mo	onths)					/wj = 204 2 h/w] = 2			+						
	+	-				. (~5.1 mc		.57 1113.		+						
		-		Total	000 1113	. , 3.2 1110	1									
Possible	progran	n		2,800 hou	rs (approx	x. 16 mon	ths equiv	alent)								
	tion (tota		s /	ex) Sumn	ner: 3x[1	2 weeks X	(40 h/w]	= 1,440								
	valent m			Fall: 2	2x[17 wee	eks x 20 h	/w] = 680	hrs.								
							0 h/w] = 6	80 hrs								
				Total	= 2,800 h	rs. (~16.2	mos.)									

PURDUE UNIVERSITY

COOPERATIVE EDUCATION PROGRAM

APPROVAL PROCESS FOR ESTABLISHING CO-OP PROGRAMS



School Level (Program Authorization)

- The Faculty of the School generates a proposal, approved by School Faculty and the Dean of the School, requesting approval to establish authority to develop Cooperative Education Programs within Departments and defining general characteristics and criteria for programs.
- 2. Proposal is reviewed by University Cooperative Education Coordinating Committee. If the proposed program meets all University criteria, Committee approves the proposal and forwards proposal to President with recommendation for approval. If proposed program does not meet University criteria, the proposal is returned to the School with recommendations for modification.
- 3. President approves the proposal and forwards proposal to the Board of Trustees with recommendation for approval.
- 4. The Board of Trustees reviews and approves the proposal.

Department Level (Program Initiation)

- 1. The Faculty of the Department generates a proposal, approved by the Departmental Faculty and the Dean of the School, requesting approval to initiate a Cooperative Education Program for students in that department and detailing the specifics of the program.
- 2. The proposal is reviewed by the University Cooperative Education Coordinating Committee. If the proposal is in accordance with the School's approved Program criteria (see above) and meets all University criteria, the Committee approves the proposal and forwards the proposal to the President with a recommendation for approval. If the proposal is not in accord with the School's Program criteria or the University criteria, the proposal is returned to the department with recommendations for modification.
- 3. The President reviews and approves the proposal.