## **COLLEGE OF TECHNOLOGY**

# **Engineering/Technology Teacher Education TCED / TECH-EDUC-BS**

**BEGIN FALL 2011**Bachelor of Science Degree 121 Semester Hours

# **Purdue University**College of Technology West Lafayette, Indiana 47907

SEMESTER 1—BLOCK 1	CR	GR	SEM	SEMESTER 2—BLOCK 1	CR	GR	SEM
IT 272 Gateway to ETTE (F)	3			IT 111 Prototyping in E/T Educ (S)	1		
Prereq: None				Prereq: None			
COM 114 Fund of Speech Comm.	3			CGT 110 Computer Graphics Comm #	3		
Prereq: None				Prereq: None			
EDCI 270 Intro to Technology Educ.	3			MA 154 Algebra & Trig II	3		
Prereq: None				Prereq: MA 153			
PSY 120 Elementary Psychology	3			ENGL 106 English Composition	4		
Prereq: None				Prereq: None			
MA 153 Algebra & Trig I	3			TECH 120 Tech & the Individual	3		
Prereq: None				Prereq: None			
CREDIT HOURS	15			CREDIT HOURS	14		
SEMESTER 3—BLOCK 1	CR	GR	SEM	SEMESTER 4—BLOCK 1	CR	GR	SEM
EDCI 205 Exploring Teach as a Career	3			IT 275 Teaching T & E of STEM (S) #	3		
Coreq: EDCI 285							
				Prereq: None			
EDCI 285 Multiculturalism and Educ	3			Prereq: None  ECET (214) 224 Electricity Fundamentals	3		
EDCI 285 Multiculturalism and Educ Coreq: EDCI 205	3				3		
	3			ECET (214) 224 Electricity Fundamentals	3		
Coreq: EDCI 205		_		ECET (214) 224 Electricity Fundamentals Prereq: MA 153 & 154 Prereq: None		_	
Coreq: EDCI 205 <b>EDST 200</b> History and Philosophy of Ed			_	ECET (214) 224 Electricity Fundamentals Prereq: MA 153 & 154 Prereq: None PHYS 218 General Physics #			
Coreq: EDCI 205 <b>EDST 200</b> History and Philosophy of Ed  Prereq: None	3		_ _ _	ECET (214) 224 Electricity Fundamentals Prereq: MA 153 & 154 Prereq: None PHYS 218 General Physics # Prereq: None	4	_	
Coreq: EDCI 205  EDST 200 History and Philosophy of Ed Prereq: None  Lab Science Selective #	3	_	_	ECET (214) 224 Electricity Fundamentals Prereq: MA 153 & 154 Prereq: None PHYS 218 General Physics # Prereq: None SOC 100 Introductory Sociology	4	_	
Coreq: EDCI 205  EDST 200 History and Philosophy of Ed Prereq: None  Lab Science Selective # Prereq: None	3			ECET (214) 224 Electricity Fundamentals Prereq: MA 153 & 154 Prereq: None PHYS 218 General Physics # Prereq: None SOC 100 Introductory Sociology Prereq: None	3		

### ALL IT Education courses must have no grade lower than a "C"

### **Science Selective**

# Any of the following: Biol., Chm., EAS, Phys. #Lab Required

#### **Technical Elective**

Any non-required College of Technology course except OLS. Any Engineering (ENGR) course.

**NOTE:** Block I must be taken together (Semesters 1-4)

SEMESTER 5—BLOCK 2	CR	GR	SEM	SEMESTER 6—BLOCK 2	CR	GR	SEM
EDPS 235 Learning and Motivation-Sec	3			IT 371 Instructional Planning & Eval. (S)	3		
Prereq: EDCI 205 & 285				Prereq: EDCI 205 & EDCI 285			
Coreq: EDPS 265							
EDPS 265 The Inclusive Classroom-Sec	3			IT 377 Tchng Design & Innovation I	3		
Prereq: EDCI 205 & 285				Prereq: None			
Coreq: EDPS 235							
TECH 320 Tech & the Organization	3			EDCI 309 Reading in Mid & Sec Schools	3		
Prereq: None				Prereq: None			
<b>Science Elective</b>	3			TECH 330 Tech & the Global Society	3		
				Prereq: None			
<b>Technical Elective</b>	3			Advanced COM Selective*	3		
				Prereq: COM 114 / ENGL 106			
CREDIT HOURS	15			CREDIT HOURS	15		
SEMESTER 7—BLOCK 3	CR	GR	SEM	SEMESTER 8—BLOCK 4	CR	GR	SEM
IT 470 Tchng Design & Innovation II	3			EDCI 49800 Supervised Tech Teaching Ed	16		
IT 470 Tchng Design & Innovation II Prereq: IT 377	3			EDCI 49800 Supervised Tech Teaching Ed Prereq: EDCI 205 & EDPS 235	16		
	3				16		
Prereq: IT 377					16		
Prereq: IT 377  IT 471 Managing the Tech Ed Lab (F)					16		
Prereq: IT 377  IT 471 Managing the Tech Ed Lab (F)  Coreq: IT 472	3				16		
Prereq: IT 377  IT 471 Managing the Tech Ed Lab (F)  Coreq: IT 472  IT 472 Methods of Tching Tech Ed (F)#	3				16		
Prereq: IT 377  IT 471 Managing the Tech Ed Lab (F)  Coreq: IT 472  IT 472 Methods of Tching Tech Ed (F)#  Prereq: IT 371 & EDPS 235 & 265	3				16	_	
Prereq: IT 377  IT 471 Managing the Tech Ed Lab (F)  Coreq: IT 472  IT 472 Methods of Tching Tech Ed (F)#  Prereq: IT 371 & EDPS 235 & 265  Coreq: IT 471	3				16		
Prereq: IT 377  IT 471 Managing the Tech Ed Lab (F)  Coreq: IT 472  IT 472 Methods of Tching Tech Ed (F)#  Prereq: IT 371 & EDPS 235 & 265  Coreq: IT 471  Advanced COM Selective*	3				16		
Prereq: IT 377  IT 471 Managing the Tech Ed Lab (F) Coreq: IT 472  IT 472 Methods of Tching Tech Ed (F)# Prereq: IT 371 & EDPS 235 & 265 Coreq: IT 471  Advanced COM Selective* Prereq: COM 114 / ENGL 106	3 3				16		

ALL IT Education courses must have no grade lower than a "C"

**NOTE:** Block II must be taken together (Semesters 5-6)

\*Advanced COM selective COM 314, 315, 320, 415 or ENGL 304, 306, 420, 421

**Notes:** 

TOTAL HOURS /121