

**Department of Electrical and Computer Engineering Technology**  
**EET Plan of Study – West Lafayette**

Accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>.

Semester 1		
ECET 12000 Gateway to EET	3	
CNIT 10500 Introduction to C Programming	3	
ENGL 10600 First Year Composition	4	
MA 22100 Calculus for Technology I	3	
TECH 12000 Technology & the Individual	3	
total	16	

Semester 2		
ECET 17700 DAQ & Systems Control	3	
ECET 17900 Introduction to Digital Systems	3	
COM 11400 Fundamentals of Speech	3	
MA 22200 Calculus for Technology II	3	
PHYS 21800 General Physics I	4	
total	16	

Semester 3		
ECET 22700 DC & Pulse Electronics	3	
ECET 22900 Concurrent Digital Systems	3	
ECET 22000 Prof Career Development	1	
Business Selective	3	
General Education Elective	3	
PHYS 21900 General Physics II	4	
total	17	

Semester 4		
ECET 27000 Electronics Prototype Dev/Const	3	
ECET 27300 Modern Energy Systems	3	
ECET 27400 Wireless Communications	3	
ECET 27700 AC & Power Electronics <i>or</i> ECET 27900 Embedded Digital Systems	3	
Communication Selective	3	
total	15	

Semester 5		
ECET 33500 Computer Arch & Perform Eval <i>or</i> ECET 33700 Analog Signal Processing <i>or</i> ECET 33900 Digital Signal Processing	3	
ECET Elective	3	
Communication Selective	3	
STAT 22500 Intro to Probability Models <i>or</i> STAT 30100 Elementary Statistical Methods	3	
TECH 32000 Technology & the Organization	3	
total	15	

Semester 6		
ECET 38000 Professional Issues in EET	1	
ECET Elective	3	
General Education Elective	3	
Technical Selective	3	
IET 45100 Monetary Analysis for Ind Dec <i>or</i> IT 45000 Production Cost Analysis	3	
TECH 33000 Tech & the Global Society	3	
total	16	

Semester 7		
ECET 43000 Elec Product & Program Mgmt	3	
ECET Elective	3	
General Education Elective	3	
Technical Selective	3	
Technical Selective	3	
total	15	

Semester 8		
ECET 46000 Project Design and Development	3	
ECET Elective	3	
Free Elective	3	
General Education Elective	3	
Technical Selective	3	
total	15	

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**ECET Electives (12 credits)**

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ECET 32900 Adv Embedded Digital Systems  
ECET 33500 Computer Arch & Perform Eval  
ECET 33700 Analog Signal Processing  
ECET 33900 Digital Signal Processing  
ECET 34900 Advanced Digital Systems  
ECET 36400 Fundamentals of Electromagnetics  
ECET 38800 Analog IC Applications  
ECET 42800 Audio Electronics-Selected Topics  
ECET 44400 Wireless Systems: Design & Meas

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**Technical Selectives (12 credits)**

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- College of Engineering (except ENGR)
- College of Technology courses (incl. ECET)
- CS courses (except CS 11000 & 23500)
- EPICS
- Lab-based Science courses in PHYS, CHM, or BIOL
- THTR 25300, 35300, or 55300

*Limited to 6 credits in any one discipline except limit is 3 credits for EPICS*

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**Business Selective (3 credits)**

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- AGEC 20000 or higher
- CSR 34200 Personal Finance
- ECON 20000 or higher
- ENTR 20000 or higher
- IT 10400 Industrial Organizations  
IT 23000 Industrial Supply Chain Mgmt  
IT 33000 Industrial Sales & Sales Mgmt  
IT 33200 Purchasing, Inventory & Warehouse
- MGMT 20000 or higher
- OLS 25200 Human Relations in Org  
OLS 27400 Applied Leadership  
OLS 28400 Leadership Principles  
OLS 32500 Meeting Management

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**Communications Selectives (6 credits)**

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*3 credit hours from each category*

- **Written communication (3 credits)**  
ENGL 20500 Introduction to Creative Writing  
ENGL 30400 Advanced Composition  
ENGL 42000 Business Writing  
ENGL 42100 Technical Writing
- **Oral communication (3 credits)**  
COM 20000 or higher

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**General Education Electives (12 credits)**

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- Foreign languages,  
(except native language courses)
- AAS (African American Studies)
- AD (Art and Design)
- AMST (American Studies)
- ANTH (Anthropology)
- ASAM (Asian American Studies)
- ASL (American Sign Language)
- BAND (Bands)
- CLCS (Classics)
- CMPL (Comparative Literature)
- COM (Communication)
- ENGL (English)
- HIST (History)
- IDIS (Interdisciplinary Studies)
- LING (Linguistics)
- MUS (Music History and Theory)
- PHIL (Philosophy)
- POL (Political Science)
- PSY (Psychology)
- REL (Religious Studies)
- SOC (Sociology)
- THTR (Theater)
- WOST (Women's Studies)
- ROTC (AFT, MILT, NS)

*Limited to 6 credits in any one discipline, except for foreign languages, which may be taken for 12 credits.*

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**Minors**

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Minors are offered through a variety of disciplines. The discipline offering the minor establishes the requirements.

*A minor is not required.*

