



Name _____
 PUID _____ Phone _____
 Address _____

 Academic Advisor _____

Electrical and Computer
 Engineering Technology
 1401 South U S 421
 Westville IN 46391

www.pnc.edu/te/ecet

Plan of Study - - Associate of Science Degree - - Electrical Engineering Technology
 Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC-ABET)

Effective Fall, 2010
 9-2010 CJS

Semester 1				
	Cr	Taken	Year	Grade
ECET 10700 Introduction to Circuit Analysis	4			
ECET 10900 Digital Fundamentals	3			
G S 19100 Freshman Year Experience I	2			
MA 15300 Algebra & Trigonometry I	3			
ENGL 10100 English Composition I	3			
TOTAL	15			

Semester 2				
	Cr	Taken	Year	Grade
ECET 15700 Electronics Circuit Analysis	4			
ECET 15900 Digital Applications	4			
MA 15400 Algebra & Trigonometry II	3			
COM 11400 Fundamentals of Speech	3			
_____ Computer Prog. Elective	3			
TOTAL	17			

Summer Session				
	Cr	Taken	Year	Grade
ECET 23100 Electrical Power & Controls	4			
TOTAL	4			

Associate ____1(Fall) ____2(Spr) ____S(Sum) 20____- 20____
Degree
Completed _____ (Advisor) _____ (Date)

Semester 3				
	Cr	Taken	Year	Grade
ECET 20700 AC Electronics Circuit Analysis	4			
ECET 20900 Intro to Microcontrollers	4			
MA 22300 Introductory Analysis I	3			
CGT 11000 Technical Graphics Comm.	3			
_____ Humanities/Soc Sci Elective	3			
TOTAL	17			

Semester 4				
	Cr	Taken	Year	Grade
ECET 25700 Consumer Power Electronics	4			
ECET _____ ECET Elective	4			
MA 22400 Introductory Analysis II	3			
NOTE: May substitute STAT 30100 for MA 22400.				
PHYS 22000 General Physics I	4			
TOTAL	15			

NOTES: _____

1. An average grade of "C" is required in all ECET and Math classes for entry into the B.S. program.
2. Each student is responsible for scheduling the necessary prerequisites and courses to meet the requirements for graduation.
3. Computer Programming Elective: Any programming course.
4. ECET Elective: Any 30000-level or above ECET class. See catalog for details.
5. Humanities/Soc Sci Elective: Any Humanities or Social Science course. See catalog for details.
6. Semester code is: 1 = Fall Semester, 2 = Spring Semester and S = Summer Session.

Name _____
 PUID _____ Phone _____
 Address _____

Plan of Study - - Bachelor of Science Degree - - Electrical & Computer Engineering Technology

Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC-ABET)

126 credit hours (68 from AAS/AS-EET/ECET + 58 additional credits)

Effective Fall, 2010 (9-2010 CJS)

Semester 5	Cr	Taken	Year	Grade
ECET _____ Elective	4			
ECET _____ Elective	4			
_____ C/E/H/SS Elec	3			
_____ Tech Elective	3			
TOTAL	14			

Semester 6	Cr	Taken	Year	Grade
ECET _____ Elective	4			
ECET _____ Elective	4			
_____ C/E/H/SS Elec	3			
_____ Tech Elective	3			
TOTAL	14			

Semester 7	Cr	Taken	Year	Grade
ECET _____ Elective	4			
ECET 49900A Sr Proj Phase I	2			
_____ C/E/H/SS Elec	3			
_____ Ma/Sci Elective	3			
_____ Tech Elective	3			
TOTAL	15			

Semester 8	Cr	Taken	Year	Grade
ECET _____ Elective	4			
ECET 49900B Sr Proj Phase II	2			
_____ C/E/H/SS Elec	3			
_____ C/E/H/SS Elec	3			
_____ Ma/Sci Elective	3			
TOTAL	15			

NOTES: _____

Bachelor ____1(Fall) ____2(Spring) ____S(Sum) 20____ - 20____
 Degree
 Completed _____
 (Advisor Name) (Signature) (Date)

Note About Electives: Electives may be taken *in any semester*. The ordering of courses in this plan of study is a suggestion that enables students to complete all coursework with two years of full-time study. Most students will, in fact, choose to rearrange their plan of study to accommodate work schedules, pre-reqs and the timing of electives.

C/E/H/SS Electives: At least 15 credits (5 courses) are required. At least one course (3 cr) must be English (above ENGL 10100) or Communications (above COM 11400). At least one course (3 cr) must be Humanities (American Sign Language, Art, Communications, English, History, Foreign Language, Music, Philosophy, Theater or Theology). At least one course (3 cr) must be Social Science (Anthropology, Consumer and Family Sciences, Government, Interdisciplinary Studies, Political Science, Psychology or Sociology). The rest may be either English, Communications, Humanities or Social Studies. Economics *may* be used as a C/E/H/SS elective. If you speak another language or had several years of language study in high school, you may be able to test out of one or more levels of that language and receive credit.

ECET Electives: At least 24 credits (6 courses) are required. Any 30000-level or above ECET course may be used. Approved three-course (9 credit) C&IT class sequences may be substituted for two ECET Electives. All students must take these three ECET Electives: (1) ECET 30400 Intro to Communication Systems; (2) ECET 30700 Analog Network Signal Processing; and (3) An advisor-approved C&IT, CPET or ECET computer networking class.

ECET Senior Project Design: An additional 4-credit ECET elective may be used in place of ECET 49900A & B.

Ma/Sci Elective: At least 6 credits (2 courses) are required. One course must be Science (ASTR, BIOL, BTNY, CHM, EAS, HORT, PHYS). The other course may be Science, Math or Statistics.

Technical Elective: At least 9 credits (3 courses) are required. Any Technology (ART, BCMT, CET, CGT, CIST, C&IT, IET, MET, OLS), Business, Economics or Management course may be used for these requirements.

Note to students transferring from other institutions: PNC has seamless (2 + 2) articulation agreements with Ivy Tech Community College, Vincennes University & other schools. If your AS Degree is not from these colleges and is not ABET accredited in EET, ECET or Computer ET, you may be required to complete additional coursework.