

RECOMMENDED ACADEMIC PLAN – ELECTRICAL ENGINEERING TECHNOLOGY

Suggested eight semester plan for students starting at the freshman year or re-enrolling from science or engineering programs. Students enrolling from 2EET programs will generally follow the requirements for the associate degree during the freshman and sophomore years and then semesters 5 to 8.

General Option

Semester I		Semester II	
ENGL 015 Rhetoric and Composition or 030 Honors Freshman Composition GWS	3	CMPSC 101 Introduction to Algorithmic Processes GQ, CMPSC 121 Introduction to Programming Techniques GQ, or 201 Computer Programming for Engineers Using C GQ	3
MATH 140 Calculus With Analytic Geometry IGQ	4	MATH 141 Calculus with Analytic Geometry II GQ	4
CHEM 110 Chemical Principles GN and 111 Experimental Chemistry GN	4	PHYS 150 Technical Physics I GN or 211 General Physics: Mechanics GN	3 - 4
EDSGN 100 Introduction to Engineering Design or EGT 101 Technical Drawing Fundamentals and 102 Introduction to Computer Aided Drafting	2 - 3	Humanities GH	3
Health and Physical Activity GHA	1.5	Arts GA	3
First-Year Seminar	1		
	15.5 - 16.5		16 - 17
Semester III		Semester IV	
CAS 100 Effective Speech GWS	3	Humanities GH	3
PHYS 151 Technical Physics II GN or 212 General Physics: Electricity and Magnetism GN	3 - 4	Social and Behavioral Science GS	3
Social and Behavioral Science GS	3	ENGL 202C Effective Writing: Technical Writing GWS	3
Arts GA	3	Health and Physical Activity GHA	1.5
CMPEN 271 Introduction to Digital Systems	3	Elective (Needed to meet minimum program requirements of 128 credits)	6
CMPEN 275 Digital Design Laboratory	1		
	16 - 17		16.5
Semester V		Semester VI	
E E 315 Electrical Circuits and Signals with Lab	5	EET 312 Electric Transients	4
CMPEH 472 Microprocessors	4	EET 331 Electronic Design	4
ENGL 202C Effective Writing: Technical Writing	3	E E 310 Electronic Circuit Design I	4
Select from MATH 230 Calculus and Vector Analysis, MATH 250 Ordinary Differential Equations, MATH 408 Advanced Calculus, MATH 430 Linear Algebra and Discrete Models, MATH 444 Mathematical Statistics and Applications I or MATH 446 Introduction to Statistics I or STAT 200 Elementary Statistics GQ	3 - 4	E E 485 Energy Systems and Conversion	3
SET Elective	3		
	15 - 16		15
Semester VII		Semester VIII	
EET 419 Project Proposal Preparation	1	EET 420W Electrical Design Project	3
Electronics Elective	4	GEET Technical Elective	4
GEET Technical Elective	4	SET Elective	3
System Elective	4	Elective (Needed to meet minimum program requirements of 128 credits)	3
Elective (Needed to meet minimum program requirements of 128 credits)	4	System Elective	4
	17		17

Advising Notes

- **Bold type** require a grade of C or better.
- *Italics* indicates courses that satisfy both major and General Education requirements.
- **Bold Italics** indicates courses requiring a quality grade of C or better and that satisfy both major and General Education requirements.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements.
- US, IL, and US;IL are codes used to designate courses that satisfy University United States/International Cultures requirements.
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirements.

²Students choose Prescribed or Additional courses from the Computer Engineering Technology Option or the General Electrical Engineering Technology Option. A complete description and listing of courses can be found at www.psu.edu/bulletins/bluebook.

NOTE: Following courses are offered only in semesters as listed below.

Fall: PHYS 150, CMPEN 271, CMPEN 275, EE 315, CMPEH 472, MATH 230, MATH 430, EET 311
Spring: PHYS 151, MATH 250, EET 312, EET 331, EE 310, EE 485, CMPEN 431, CMPET 401, CMPET 402, CMPET 403

Students must complete a 3-credit course in "United States Cultures (US)" and a 3-credit course in "International Cultures (IL)."

This publication is not the official Bulletin of the University. The most up-to-date information can be found at www.psu.edu/bulletins/bluebook.