

ELECTRICAL ENGINEERING TECHNOLOGY, B.S. (CAPITAL)

Begin Campus: Any Penn State Campus

End Campus: Harrisburg

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition.

General Option: Electrical Engineering Technology, B.S. at Harrisburg Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15, 15S, 30T, or ESL 15 ^{‡1}	3 CMPSC 121, 131, or 201 ³	3
MATH 140 ^{††}	4 MATH 141 ^{††}	4
CHEM 110 [†]	3 EDSGN 100, 100S, or EGT 119 ¹	3
CHEM 111 [†]	1 PHYS 251, 212, or 151 ^{†2}	3-4
PHYS 250, 211, or 150 ^{†2}	3-4 General Education Course (GA) ⁴	3
General Education Course (GHW)	1.5	
15.5-16.5		16-17

Second Year

Fall	Credits Spring	Credits
CAS 100A or 100S ^{‡1}	3 CMPEH 472	4
CMPEN 271	3 ENGL 202C ^{††}	3
CMPEN 275	1 SET Elective	3
General Education Course (GH) ⁴	3 General Education Course (Inter-Domain) ⁴	3
Electives	6 Electives	3
16		16

Third Year

Fall	Credits Spring	Credits
EET 310 ^{*5}	5 EE 310	4
MATH 230, 250, 414, STAT 200, STAT 401, or STAT 418	3 EET 312 ^{*6}	4
General Education Course (Inter-Domain) ⁴	3 EET 331 ^{*6}	4
General Education Course (GHW)	1.5 EE 485 ⁶	3

Electives	4	
16.5		15
Fourth Year		
Fall	Credits Spring	Credits
EET 419	1 EET 420W ^{*†}	3
Electronics Elective	4 ENGR 320Y [†]	3
System Elective	4 System Elective	4
Technical Elective	4 Technical Elective	4
General Education Course (Exploration: GH, GA, or GS) ⁴	3 Electives ⁷	0-3
16		14-17

Total Credits 125-130

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ First-year students at Penn State Harrisburg must take 1 to 3 credits of a First-Year Seminar course, as indicated by the "S" designation at the end of the course number. The program recommends students complete this during their first semester with one of the following courses: ENGL 15S, EDSGN 100S, or CAS 100S.

² PHYS 250 and PHYS 251 is the recommended physics course sequence for the program.

³ CMPSC 131 recommended.

⁴ One of the General Education courses must satisfy the US or IL requirement (ENGR 320Y satisfies the other). The knowledge domains that must be satisfied are indicated in parentheses, but these courses may be taken in any order.

⁵ EET 310 is only offered during Fall semesters.

⁶ EET 312, EET 331, and EE 485 are only offered during Spring semesters.

⁷ Up to 3 additional credits of electives may be needed to meet the 128-credit graduation requirement if students select courses other than the ones recommended in this suggested academic plan (for example, PHYS 150/PHYS 151 instead of PHYS 250/PHYS 251).

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

A.S. to B.S. General Option: Electrical Engineering Technology, B.S. at Harrisburg Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

Third Year

Fall	Credits Spring	Credits
CHEM 110 [†]	3 EET 312 ^{*2}	4
CHEM 111 [†]	1 EET 331 ^{*2}	4
EET 311 ^{*1}	4 CMPSC 101, 121, 131, or 201 ³	3
ENGL 202C ^{†‡}	3 MATH 141 ^{†‡}	4
MATH 140 ^{†‡}	4 General Education Course (Inter-Domain) ⁴	3
General Education Course (GHW)	1.5	
	16.5	18

Fourth Year

Fall	Credits Spring	Credits
EET 419	1 EET 420W ^{*†}	3
Electronics Elective	4 ENGR 320Y [†]	3
System Elective	4 System Elective	4
MATH 230, 250, 414, STAT 200, STAT 401, or STAT 418	3 Technical Elective	4
Technical Elective	4 General Education Course (Inter-Domain) ⁴	3
General Education Course (GHW)	1.5	
	17.5	17

Total Credits 69

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

¹ EET 311 is only offered during Fall semesters

² EET 312 and EET 331 are only offered during Spring semesters.

³ CMPSC 131 recommended.

⁴ One of the General Education courses must satisfy the US or IL requirement (ENGR 320Y satisfies the other). The knowledge domains that must be satisfied are indicated in parentheses, but these courses may be taken in any order.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

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Program Notes:

- This suggested academic plan assumes the associate degree contains at least 59 credits of course work. If it contains fewer credits, additional elective credits will be required to meet the total of 128 credits required to complete the B.S. degree.