ELECTRICAL AND COMPUTER ENGINEERING TECHNOLOGY, B.S.

Begin Campus: Any Penn State Campus

End Campus: Erie

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2025-26 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.

Computer Engineering Technology Option (CMPET): Electrical and Computer Engineering Technology, B.S. at Erie 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
EET 2[†1]	1	CMPET 5	1
EET 101	3	CMPET 117[*]	3
EET 109	1	CMPET 120	1
ENGL 15 or 30H[‡†]	3	EET 114[*]	4
MATH 22[*‡#†]	3	EET 118[*]	1
General Education Course	3	MATH 41[*‡#†]	4
General Education Course (GHW)	1.5	General Education Course	3
	15.5		**17**

Second Year

Fall	Credits	Spring	Credits
CAS 100[‡†]	3	CHEM 110[†]	3
CMPET 211	3	CHEM 111[†]	1
EET 212W[2]	4	EET 275	3
EET 214	3	EET 280	1
EET 215	1	EGT 119	2
MATH 83[*#†]	4	MATH 210	3
		PHYS 250[*#†]	4
	18		**17**

Third Year

Fall	Credits	Spring	Credits
CMPET 301[*]	3	CMPET 333[*]	3
EET 341[*]	3	CMPET 355[*]	3
ENGL 202C[‡†]	3	ECON 102 or 104[†]	3
MATH 211	3	EET 315[*]	3
General Education Course	3	General Education Course	3
		General Education Course (GHW)	1.5
	15		**16.5**

Fourth Year

Fall	Credits	Spring	Credits
CMPET 456[*]	3	EET 490W[*2]	3
CMPET 457[*]	3	QC 450[*]	3
EET 480[*]	1	Technical Elective (300, 400-level)[*]	3
MGMT 409[*]	3	General Education Course	3
Technical Elective (300, 400-level)[*]	3	General Education Course (GN)	2
Technical Elective (300, 400-level)[*]	3		
	16		**14**

Total Credits 129

* 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] Course will satisfy First-Year Seminar requirement.
[2] Course will satisfy Writing Across the Curriculum requirement.

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.

Program Notes:
- Only students who have gone through the entrance to major process and have been accepted into this major may register for junior and senior-level EET and CMPET courses.
- Permissible Math substitutions: MATH 26 instead of MATH 81, MATH 22 instead of MATH 82, MATH 140 instead of MATH 83.

Advising Notes:
If ENGL 15 is full, schedule an S/H/A, 2nd semester ENGL15, 3rd semester CAS 100, and 4th semester PHYS 250.

School-Approved Electives for Electrical and Computer Engineering Technology

Electrical Engineering Technology Options:

- CMPET 333 (3:2:2) – Computer Networking
- CMPET 456 (3:2:2) – Advance Microprocessors, High Level Interfacing
- CMPET 457 (3:2:2) – Software Engineering

Computer Engineering Technology Options:

- EET 330 (3:2:2) – Wireless Communication Systems
- EET 416 (3:2:2) – Fluid and Thermal Design in Electrical Systems
- EET 440 (3:2:2) – Applied Feedback Controls

Electrical or Computer Engineering Technology Options:

- EET 395* (1-3) – Internship
- EET 397* (1-3) – Special Topics
- EET 461 (3:2:2) – Power Electronics
- EET 475 (3:2:2) – Intermediate Programmable Logic Controllers
- EET 495* (1-3) – Internship
- EET 496* (1-3) – Independent Studies
- EET 497* (1-3) – Special Topics

*Requires prior approval from the Electrical and Computer Engineering Technology Department Chair
Upon approval by the department chair, students may be allowed to select technical elective courses from other disciplines.

Electrical Engineering Technology Option (EET): Electrical and Computer Engineering Technology, B.S. at Erie 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
EET 2[†1]	1	CMPET 5	1
EET 101	3	CMPET 117*	3
EET 109	1	CMPET 120	1
ENGL 15 or 30H[‡†]	3	EET 114*	4
MATH 22	3	EET 118*	1
General Education Course	3	MATH 41	4
General Education Course (GHW)	1.5	General Education Course	3
	15.5		**17**

Second Year

Fall	Credits	Spring	Credits
CAS 100[‡†]	3	CHEM 110[†]	3
CMPET 211	3	CHEM 111[†]	1
EET 212W[2]	4	EET 275	3
EET 214	3	EET 280	1
EET 215	1	EGT 119	2
MATH 83[*#†]	4	MATH 210	3
		PHYS 250[*#†]	4
	18		**17**

Third Year

Fall	Credits	Spring	Credits
CMPET 301*	3	CMPET 355*	3
EET 341*	3	EET 315*	3
ENGL 202C[‡†]	3	EET 330*	3
MATH 211	3	ECON 102 or 104[†]	3
General Education Course	3	General Education Course	3
		General Education Course (GHW)	1.5
	15		**16.5**

Fourth Year

Fall	Credits	Spring	Credits
EET 416*	3	EET 490W[*2]	3
EET 440*	3	QC 450*	3
EET 480*	1	Technical Elective (300, 400-level)*	3
MGMT 409*	3	General Education Course	3
Technical Elective (300, 400-level)*	3	General Education Course (GN)	2
Technical Elective (300, 400-level)*	3		
	16		**14**

Total Credits 129

* 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] Course will satisfy First-Year Seminar requirement.
[2] Course will satisfy Writing Across the Curriculum requirement.

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.

Program Notes:
- Only students who have gone through the entrance to major process and have been accepted into this major may register for junior and senior-level EET and CMPET courses.
- Permissible Math substitutions: MATH 26 instead of MATH 81, MATH 22 instead of MATH 82, MATH 140 instead of MATH 83.

Advising Notes:
- If ENGL 15 is full, schedule an S/H/A, 2nd semester ENGL15, 3rd semester CAS 100, and 4th semester PHYS 250.

School-Approved Electives for Electrical and Computer Engineering Technology

Electrical Engineering Technology Options:

- CMPET 333 (3:2:2) − Computer Networking
- CMPET 456 (3:2:2) − Advance Microprocessors, High Level Interfacing
- CMPET 457 (3:2:2) − Software Engineering

Computer Engineering Technology Options:

- EET 330 (3:2:2) − Wireless Communication Systems
- EET 416 (3:2:2) − Fluid and Thermal Design in Electrical Systems
- EET 440 (3:2:2) − Applied Feedback Controls

Electrical or Computer Engineering Technology Options:

- EET 395* (1-3) − Internship
- EET 397* (1-3) − Special Topics
- EET 461 (3:2:2) − Power Electronics

- EET 475 (3:2:2) – Intermediate Programmable Logic Controllers
- EET 495* (1-3) – Internship
- EET 496* (1-3) – Independent Studies
- EET 497* (1-3) – Special Topics

*Requires prior approval from the Electrical and Computer Engineering Technology Department Chair
Upon approval by the department chair, students may be allowed to select technical elective courses from other disciplines.