

ELECTRO-MECHANICAL ENGINEERING TECHNOLOGY, B.S. (BERKS)

Begin Campus: Any Penn State Campus

End Campus: Berks

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 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 (*Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Electro-Mechanical Engineering Technology, B.S. at Berks 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 or 30H (GWS) [†] | 3 CAS 100A or 100B (GWS) [†] | 3 |
| MATH 26 (GQ) [†] | 3 MATH 83 (GQ) ^{*†} | 4 |
| EDSGN 100 | 3 EET 114 [*] | 4 |
| EET 105 | 3 EET 118 [*] | 1 |
| IET 101 | 3 MET 111 [*] | 3 |
| First Year Seminar | 1 EMET 100 | 1 |
| | 16 | 16 |

Second Year

| Fall | Credits Spring | Credits |
|------------------------|---------------------------------------|-----------|
| MATH 210 [*] | 3 ENGL 202C (GWS) [†] | 3 |
| CMPET 117 [*] | 3 MATH 211 [*] | 3 |
| CMPET 120 [*] | 1 EET 275 | 3 |
| CMPSC 131 | 3 IET 333 | 2 |
| EGT 114 | 2 General Education Course (GA or GS) | 3 |
| EMET 222 [*] | 3 General Education Course (GA or GS) | 3 |
| | 15 | 17 |

Third Year

| Fall | Credits Spring | Credits |
|----------------------------|------------------------------|---------|
| EET 212W [*] | 4 CMPET 211 | 3 |
| EMET 225 | 2 EMET 325 | 3 |
| EMET 230 [*] | 3 EMET 326 | 3 |
| EMET 215 | 3 EMET 330 [*] | 3 |
| PHYS 150 (GN) [†] | 3 PHYS 151 (GN) [†] | 3 |

| | | |
|---------------------------|------------|-----------|
| STS 233 (GH) [†] | 3 EMET 350 | 3 |
| | 18 | 18 |

Fourth Year

| Fall | Credits Spring | Credits |
|--|--|-----------|
| EMET 403 | 1 EMET 405 | 3 |
| EMET 410 | 4 EMET 440 | 3 |
| Supporting Science Course [†] | 3-4 Technical Elective | 3 |
| Technical Elective | 3 General Education Course (Integrative Studies) | 3 |
| General Education Course (Integrative Studies) | 3 General Education Course (GHW) | 3 |
| General Education Course (Exploration) | 3 | |
| | 17-18 | 15 |

Total Credits 132-133

* 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 For General Education Course notations, please be sure to include three (3) credits of United States (US) Cultures and three (3) credits of International (IL) Cultures. Consult adviser for details.

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.

College Notes:

Supporting Science Course: Choose three to four (3-4) credits from the following: BIOL 11 & 12, 110, 141, CHEM 110 & 111, 112 & 113, EGEE 101, 102, GEOG 30N, PHYS 150, 151, 211, 212, 250, or 251.

Technical Elective: Choose six (6) credits from the following: EDSGN 468, EMET 394, 402, 420, 432, 495, 496, 497, ENGR 310, 405, 408, 425, MATH 220, 230, 231, ME 300, MGMT 301, MKTG 301, or STAT 200. Additional courses may be petitioned in consultation with adviser.

Course Offerings:

Fall Only: CMPET 117, CMPET 120, EET 212W, EGT 114, EMET 215, EMET 222, EMET 225, EMET 230, EMET 403 (and Summers), EMET 410 (and Summers), IET 101, MATH 210, PHYS 150, STS 233.

2 Electro-Mechanical Engineering Technology, B.S. (Berks)

Spring Only: CMPET 211, EET 114 (and Summers), EET 118 (and Summers), EET 275, EMET 100, EMET 325, EMET 326, EMET 330, EMET 350, IET 333, MATH 83, MATH 211, MET 111, PHYS 151.