

# 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 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.

## 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) <sup>†</sup>	3 CAS 100A or 100B (GWS) <sup>‡</sup>	3
MATH 26 (GQ) <sup>†</sup>	3 MATH 83 (GQ) <sup>*‡</sup>	4
EDSGN 100	3 EET 114 <sup>*</sup>	4
EET 105	3 EET 118 <sup>*</sup>	1
IET 101	3 MET 111 <sup>*</sup>	3
First Year Seminar	1 EMET 100	1
	<b>16</b>	<b>16</b>

### Second Year

Fall	Credits Spring	Credits
MATH 210 <sup>*</sup>	3 ENGL 202C (GWS) <sup>‡</sup>	3
CMPT 117 <sup>*</sup>	3 MATH 211 <sup>*</sup>	3
CMPT 120 <sup>*</sup>	1 EET 275	3
CMPT 131	3 IET 333	2
EGT 114	2 General Education Course (GA)	3
EMET 222 <sup>*</sup>	3 General Education Course (GS)	3
	<b>15</b>	<b>17</b>

### Third Year

Fall	Credits Spring	Credits
EET 212W <sup>*</sup>	4 CMPT 211	3
EMET 215	3 EMET 325	3
EMET 225	2 EMET 326	3
EMET 230 <sup>*</sup>	3 EMET 330 <sup>*</sup>	3
PHYS 150 (GN) <sup>†</sup>	3 EMET 351	2

STS 233 (GH) <sup>†</sup>	3 Supporting Science Course	3-4
	<b>18</b>	<b>17-18</b>

### Fourth Year

Fall	Credits Spring	Credits
CHEM 110 (GN) <sup>†</sup>	3 EMET 405	3
CHEM 111 <sup>†</sup>	1 EMET 442	2
EMET 410	4 Technical Elective	3
EMET 441	2 General Education Course (Integrative Studies)	3
Technical Elective	3 General Education Course (GHW)	3
General Education Course (Integrative Studies)	3	
General Education Course (Exploration)	3	
	<b>19</b>	<b>14</b>

**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

<sup>1</sup> 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.

<sup>2</sup> Students who begin their mathematics sequence beyond MATH 26 will need to complete three (3) additional credits of Technical Electives. Consult adviser for details.

<sup>3</sup> The following courses are offered Fall Semester only: CMPT 117, CMPT 120, EET 212W, EGT 114, EMET 215, EMET 215, EMET 222, EMET 225, EMET 230, EMET 351, EMET 410 (and Summers), EMET 441, IET 101, MATH 210, PHYS 150, STS 233.

<sup>4</sup> The following courses are offered Spring Semester only: CMPT 211, EET 114 (and Summers), EET 118 (and Summers), EET 275, EMET 100, EMET 325, EMET 326, EMET 330, EMET 351, EMET 442, IET 333, MATH 211, MET 111.

<sup>5</sup> For Supporting Science Course, choose from the following: BIOL 11 & BIOL 12, BIOL 110, BIOL 141, CHEM 112 & CHEM 113, EGEE 101, EGEE 102, GEOG 30N, PHYS 151, PHYS 211, PHYS 212, PHYS 250, PHYS 251.

<sup>6</sup> For Technical Elective, choose from the following: EDSGN 468, EMET 394, EMET 430, EMET 432, EMET 433, EMET 495, EMET 496, EMET 497, ENGR 310, ENGR 405, ENGR 408, ENGR 410, ENGR 425, MATH 220, MATH 230, MATH 231, ME 300, MET 365. Additional courses may be substituted. 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.