

Computer Engineering Technology

Computer Engineering Technology Suggested Course Sequence

The following is the suggested plan for when to take each course to complete the Associate in Applied Science degree, based on the program requirements of the 2023-2024 catalog. This is only a recommendation — you may take courses in another order upon consultation with your advisor. This plan is based on you starting with college-level math and English courses, starting your program in the fall, and attending full-time. You can also follow this sequence if you attend part-time. Speak with your academic advisor about the plan and any questions. This program might also offer diplomas or certificates; visit the catalog or contact the program for details. Visit the Academic Advising page for instructions on locating your assigned advisor: <https://www.cpcc.edu/academics/academic-advising>

Term I		Credits
ENG 111	Writing and Inquiry	3.0
MAT 171	Precalculus Algebra	4.0
ELC 131	Circuit Analysis I	4.0
ELN 133	Digital Electronics	4.0
EGR 110	Introduction to Engineering Technology	2.0
ACA 122	College Transfer Success	1.0
Credits		18
Term II		Credits
COM 110 or ENG 112	Introduction to Communication or Writing and Research in the Disciplines	3.0
ELC 133	Circuit Analysis II	4.0
ELN 260	Prog Logic Controllers	4.0
CSC 134	C++ Programming	3.0
Credits		14
Term III		Credits
Humanities/Fine Arts		3.0
Behavioral/Social Science		3.0
Credits		6
Term IV		Credits
MAT 172	Precalculus Trigonometry	4.0
ELC 135	Electrical Machines	3.0
ELN 131	Analog Electronics I	4.0
ELN 232	Introduction to Microprocessors	4.0
Credits		15
Term V		Credits
PHY 151	College Physics I	4.0
CTI 120	Network and Security Foundation	3.0
SEC 110	Security Concepts	3.0
CTI 130	Operating Systems and Device Foundation	6.0
Credits		16
Total Credits		69