Computer Engineering Technology

Computer Engineering Technology (A40160)

Degree Awarded

The Associate in Applied Science Degree - Computer Engineering Technology is awarded by the college upon completing the program.

The Associate in Applied Science degree in Computer Engineering Technology is accepted at some colleges and universities as the first two years of a 4-year bachelor's-level engineering technology program.

Program Accreditation

The Associate in Applied Science in Computer Engineering Technology program is accredited by the Engineering Technology Accreditation Commission of ABET, under the General Criteria and the Program Criteria for Computer Engineering Technology and Similarly Named Programs.

How to Apply

Complete a Central Piedmont admissions application through Get Started on the Central Piedmont website.

Contact Information

The Computer Engineering Technology program is in the Engineering Technology Division. For additional information, visit the Computer Engineering Technology website or the Program Chair at 704.330.6773.

General Education Requirements

ENG 111	Writing and Inquiry	3.0
Select 1 of the following:		3.0
ENG 112	Writing and Research in the Disciplines	
ENG 113	Literature-Based Research	
ENG 114	Professional Research & Reporting	
COM 110	Introduction to Communication	
COM 231	Public Speaking	
MAT 171	Precalculus Algebra	4.0
Select 1 of the following:		3.0
ECO 251	Principles of Microeconomics	
or ECO 252	Principles of Macroeconomics	
or HIS 111	World Civilizations I	
or HIS 112	World Civilizations II	
or HIS 131	American History I	
or HIS 132	American History II	
or POL 120	American Government	
or PSY 150	General Psychology	
or SOC 210	Introduction to Sociology	
Select 1 of the following:		3.0
ART 111	Art Appreciation	
or ART 114	Art History Survey I	
or ART 115	Art History Survey II	
or DRA 111	Theatre Appreciation	
or HUM 120	Cultural Studies	
or HUM 130	Myth in Human Culture	
or MUS 110	Music Appreciation	
or MUS 112	Introduction to Jazz	
or PHI 215	Philosophical Issues	
or PHI 240	Introduction to Ethics	
or REL 110	World Religions	

Major Requirements		
ACA 122	College Transfer Success	1.0
CTI 130	Operating Systems and Device Foundation	6.0
ELC 131	Circuit Analysis I	4.0
ELN 131	Analog Electronics I	4.0
ELN 133	Digital Electronics	4.0
ELN 232	Introduction to Microprocessors	4.0
ELN 260	Prog Logic Controllers	4.0
Other Major Requirements:		
MAT 172	Precalculus Trigonometry	4.0
CSC 134	C++ Programming	3.0
CTI 120	Network and Security Foundation	3.0
SEC 110	Security Concepts	3.0
ELC 133	Circuit Analysis II	4.0
ELC 135	Electrical Machines	3.0
EGR 110	Introduction to Engineering Technology	2.0
Select 1 of the following:		4.0
PHY 151	College Physics I	
PHY 251	General Physics I (Students must meet the prerequisite of MAT 271.)	
Total Credits		**69**