

Bloomsburg University - Department of Physics and Engineering Technology
Bachelor of Science in Electronics Engineering Technology

Courses	Cr.	Taken:	Courses	Cr.	Taken:
Electronics Engineering Technology Courses Required			Group A (Humanities) - 12 Credits		
58.101 Introduction to Engineering Technology	3	_____	1) _____	3	_____
58.141 Electric Circuit Analysis	4	_____	2) _____	3	_____
58.180 Computer Aided Design & Engineering Graphics	3	_____	3) _____	3	_____
58.231 Electrical Machines & Power Systems	4	_____	4) _____	3	_____
58.241 Electronic Instrument.& Data Acq.	3	_____	Group B (Social Sciences) - 12 Credits		
58.321 Manufacturing Processes	3	_____	1) _____	3	_____
58.331 Linear Signals & Systems	3	_____	2) _____	3	_____
58.380 Cooperative Education in Industry I	0	_____	3) _____	3	_____
58.381 Engineering Applications in Industry I	3	_____	4) _____	3	_____
58.431 Industrial Process Control	3	_____	Group C (Nat. Sci. & Math) - 0 additional credits needed		
58.441 Communications Systems	4	_____	1) Satisfied by major requirement 52.115 Chemistry for Science I ¹		
58.451 Digital Signal Processing	3	_____	2) Satisfied by major requirement 53.126 Calculus II		
58.461 Radio Frequency Effects and Measurements	3	_____	3) Satisfied by major requirement 54.211 General Physics I		
			4) Satisfied by major requirement 54.212 General Physics II		
Collateral Courses Required:			Free Electives (13 credits minimum)		
52.115 Chemistry for the Sciences I	4	_____	1) _____	3	_____
53.125 Calculus 1 ¹	3	_____	2) _____	3	_____
53.126 Calculus 2	3	_____	3) _____	3	_____
53.225 Calculus 3	3	_____	4) _____		_____
53.322 Differential Equations	3	_____	5) _____		_____
54.211 Gen Physics I	4	_____	6) _____		_____
54.212 Gen Physics II	4	_____			
54.315 Electronics	4	_____			
54.316 Digital Electronics	3	_____			
54.317 Computer Electronics	3	_____			
56.123 Visual Basic I	3	_____			
General Education - Total Credits:			Optional 09.100 University Seminar³	1	
Communication² - 9 Credits			TOTAL CREDITS FOR PROGRAM		
1) 20.101 Composition 1	3	_____		124	
2) 09.231 Technical Writing (or other 2nd writing course)	3	_____			
25.103 Public Speaking	3	_____			
Quantitative - 0 Additional Credits			Two Approved Diversity Courses:⁴		
Satisfied by major requirement 53.125 Calculus I ¹			1) _____		
Values² - 3 Credits			2) _____		
1) _____	3	_____			
Fitness - 2 Credits					
1) _____	1	_____			
2) _____	1	_____			

<p>Note 1: A placement test is required for 53.125; students who need a prerequisite course will have fewer free electives in the program.</p> <p>Note 2: Students may count one Communications or Values course under the Group A or B category; May need additional free elective so total credits still equal 120.</p> <p>Note 3: If 09.100 not taken, then take additional Free Elective Credit.</p> <p>Note 4: Two Major, General Education or Elective Courses selected must also qualify as Diversity Courses; see approved list in catalog and consult advisor.</p>
