



Electrical and Electronics Engineering Technology Checklist 2022-2024

Name _____ SID# _____ Semester Entered _____

Gen Ed – English (12 hrs)

	Credit	Sem	Grade
ENGL 110 Composition I	3		
ENGL 111 Composition II	3		
ENGL 342 Technical Communication	3		
GE Literature Elective ³	3		

Gen – Ed Social Science (9 hrs)

	Credit	Sem	Grade
PSYC 101 Intro to Psychology	3		
GE History Elective ¹	3		
GE Global Studies Elective ²	3		

Gen Ed – Humanities (6 hrs)

PHIL 275/450 Ethics/Applied Ethics	3		
SPEE 214 Intro to Public Speaking	3		

Gen Ed – Health & PE (2 hrs)

GE HPER Elective ⁴	1		
GE HPER Elective ⁴	1		

Gen Ed – Math (15 hrs)

MATH 150 Precalculus	4		
STAT 210 Elem. Statistics I	3		
MATH 260 Calculus I	4		
MATH 261 Calculus II	4		

Gen Ed – Science (12 hrs)

PHYS 116 Intro to Physics I w/ Lab	4		
PHYS 117 Intro to Physics II w/ Lab	4		

Electronics Engineering Technology Core (44 hrs)

ELET 101/103 Circuit Analysis I / Lab	4		
ELET 102/104 Circuit Analysis II / Lab	4		
ELET 203/205 Intro to Electronics / Lab	4		
ELET 204/206 Electronic Circuits / Lab	4		
ELET 207/209 Dig Circuits / Lab	4		
ELET 208/211 Microprocessors / Lab	4		
ELET 304 Adv Circuit Analysis	3		
ELET 306/307 Adv Electronics / Lab	4		
ELET 309/311 Adv Digital Circuits / Lab	4		
ELET 401 Electric Machinery	3		
ELET 403 Control Systems	3		
ELET 406 Comm Systems	3		

Engineering Technology Fundamentals (28 hrs)

MCET 102 Machines Lab	1		
ENGT 100 Intro to Engr. Tech	2		
ENGT 105 Engr. Problem Solving	2		
ENGT 261 Fund of Engr. Graphics	3		
ENGT 301 Computer Programming	3		
ENGT 321 Engineering Economy	3		
INLT 292 Intro to ERP	3		
INLT 383 Quality Management	3		
ENGT 420 Snr Project I	3		
ENGT 421 Snr Project II	2		
Technical Elective ⁵	3		

Total of 124 hrs

1. GE History Elective

HIST 114, HIST 115, HIST 122, HIST 123, POLI 150

2. GE Global Studies Elective

ARTS 302, ARTS 405, ECON 451, ENGL 314, ENGL 315, ENGL 322, ENGL 411, ENGL 412, ENGL 326, FREN 110, FREN 111, FREN 212, FREN 213, HIST 114, HIST 115, GEOG 210, GERM 110, GERM 111, GERM, 212, GERM 213, IDUP 270, POLI 207, POLI 210, SPAN 110, SPAN 111, SPAN 212, SPAN 213

3. GE Literature Elective

ENGL 201, ENGL 202, ENGL 210, ENGL 211, ENGL 212, ENGL 213, ENGL 214, ENGL 215

4. GE Health & PE

HPER 160, HPER 161, HPER 165, HPER 166, HPER 168, HPER 169, HPER 170, HPER 172, HPER 175

5. Technical Elective

ELET, MCET, CPEG, MANE, MATH