

Electrical Technology AAS (ELEC)

Catalog: 2020-2021				Effective Date: 9/01/2020			
CR	COURSE	COURSE TITLE	SUNY GEN ED	TR	SEMESTER		
1-2	HRD 100, HRD 100A or HRD 110	FRESHMAN EXPERIENCE					
3	ENG 101	<i>Introduction to College Writing</i>	GEBC				
3	SUNY GEN ED Basic Communication ENG 102, ENG 103, ENG 104, ENG 105, ENG 106, ENG 107, ENG 108, ENG 109 or ENG 110		GEBC				
3-4	MAT 108, MAT 121, MAT 125 or MAT 131		GEMA				
4	CHM 103 or PHY 111	<i>Principles of Chemistry I or General Physics I</i>	GENS				
2	Any PED activity course, AVS 101, AVS 102, BIO 115, HED 103, HED 104, HED 108, NTR 101, NTR 111, PED 105, PED 106, PED 206 or PED 211 (Note: PED 210 and PED 212 do not fulfill this requirement)	HEALTH AND WELLNESS					
3	Social Science						
3	CIS 111, CIS 125 or CIS 143 (Prereq Required)						
3	TEC 101 (Fall only)	<i>Introduction to Technology</i>					
3	TEC 103 (Fall only)	<i>Electrical Systems and Distribution</i>					
4	TEC 119 (Fall only –Pre/Coreq Required)	<i>Electricity I</i>					
4	TEC 120 (Spring only - Prereq Required)	<i>Electricity II</i>					
3	TEC 130 (Spring only – Prereq Required)	<i>Introduction to RFID</i>					
3	TEC 223 (Fall only – Prereq Required)	<i>Motors and Controls</i>					
3	TEC 241 (Spring only –Prereq Required)	<i>Electronics I</i>					
3	TEC 250 (Fall only – Prereq Required)	<i>Automation and Controls I</i>					
3	TEC 251 (Spring only – Prereq Required)	<i>Automation and Controls II</i>					
4	Choose from: CIS 131, TEC 107, TEC 125, TEC 178 or TEC 205	TECHNICAL ELECTIVE					
6	Liberal Arts and Sciences						
3	Electives						
64	Minimum credits required for graduation						

Note: Please review the back of this form for additional information.

Notes on Electrical Technology AAS (ELEC)

❖ COURSE PREREQUISITES:			
CIS 143	MAT 108 (or equivalent) or CIS 122	TEC 205	TEC 120
PHY 111	MAT 108	TEC 223	TEC 120 and TEC 250 (Co-requisite)
TEC 103	MAT 090	TEC 241	TEC 120 or EGR 222
TEC 120	TEC 119 with C or better	TEC 250	TEC 120 and TEC 223
TEC 130	MAT 097	TEC 251	TEC 250
❖ COURSE PREREQUISITES:			
TEC 119	MAT 097 (or higher) and TEC 103		

❖ RECOMMENDED SEQUENCE:			
FIRST YEAR			
First Semester		Second Semester	
1-2	HRD 100, HRD 100A or HRD 110		
3-4	MAT 108, MAT 121, MAT 125 or MAT 131	3	Liberal Arts and Sciences
3	TEC 101	3	ENG 101
3	TEC 103	4	TEC 120
4	TEC 119	3	TEC 130
1	Health and Wellness	3	Technical Elective – See Note 1
SECOND YEAR			
Third Semester		Fourth Semester	
3	ENG 102-ENG 110	3	Social Science
3	CIS 111, CIS 125 or CIS 143	3	Liberal Arts and Sciences
4	Lab Science – CHM 103 or PHY 111	3	Electives
3	TEC 223	3	TEC 241
3	TEC 250	3	TEC 251
1	Technical Elective – See Note 1	1	Health and Wellness
NOTES:			
1. Technical Electives are CIS 131, TEC 107, TEC 125, TEC 178 or TEC 205.			

❖ **DEFINITION OF COURSE REQUIREMENTS:** See <http://catalog.sunyacc.edu/academics/degreerequirements>

❖ **FINANCIAL AID RECIPIENTS:** A student **must** choose courses that are within their degree program. Students are encouraged to meet with their assigned academic advisor for any questions about course selection and degree program requirements. Please visit the Office of Financial Aid for any aid-related questions.

❖ **SUNY GEN ED KNOWLEDGE AREAS:** See <http://catalog.sunyacc.edu/academics/generaleducation>

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| <ul style="list-style-type: none"> ❖ Mathematics (GEMA) ❖ Natural Sciences (GENS) ❖ Social Sciences (GESS) ❖ American History (GEAH) ❖ Western Civilization (GEWC) | <ul style="list-style-type: none"> ❖ Other World Civilization (GEOC) ❖ Humanities (GEHU) ❖ The Arts (GETA) ❖ Foreign Languages (GEFL) ❖ Basic Communication (GEBE) |
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