Robeson Community College
P O Box 1420
Lumberton NC 28359
(910) 272-3341
Checklist
for
ELECTRICAL SYSTEMS TECHNOLOGY (AAS) A35130BR
2015 – 2016 Catalog

	First Semester (Fall)	Credit hours	Notes
	ACA 122 College Transfer Success	1	No Pre/Co
	MAT 171 Precalculus Algebra	4	State Take DMA 10-80 or DMA 10-50 & 65
	CIS 110 Introduction to Computers	3	No Pre/Co
	ELC 118 National Electrical Code	2	No Pre/Co
	ELC 112 DC/AC Electrical	5	No Pre/Co
	ELC 113 Residential Wiring	4	No Pre/Co
	Total Credits	**19**	

	Second Semester (Spring)	Credit hours	Notes
	ENG 111 Writing & Inquiry	3	State Take DE-098
	ELN 229 Industrial Electronics	4	Local Take ELC-112, ELC-131, or ELC-140
	ELC 114 Commercial Wiring	4	Local Take ELC-113
	ELC 117 Motors & Controls	4	State Take ELC-112 or ELC-131
	Total Credits	**15**	

	Summer Session	Credit hours	Notes
	ELN 133 Digital Electronics	4	No Pre/Co
	ELC 128 Introduction to PLC	3	No Pre/Co
	DFT 119 Basic-CAD	2	No Pre/Co
	Total Credits	**9**	

	Third Semester (Fall)	Credit hours	Notes
	ELC 228 PLC Applications	4	Local Take ELC-128
	ELN 231 Industrial Controls	3	Local Take ELN-229
	ELN 232 Intro. to Microprocessors	4	Local Take ELN-133
	ENG 112 Writing/Research in the Disciplines	3	State Take ENG-111
	Total Credits	**14**	

	Fourth Semester (Spring)	Credit hours	Notes
	____Social/Behav Science Elective[1] **(UGETC)**	3	
	ELN 275 Troubleshooting	2	No Pre/Co
	ELC 220 Photovoltaic Sys Tech	3	Local Take ELN-229
	PHY 151 College Physics I	4	State Take MAT-171
	____Humanities/Fine Arts Elective[1] **(UGETC)**	3	
	ELC 229 Applications Project	2	Local Take ELN-229, ELN-232, ELC-228, ELC-117
	Total Credits	**17**	

Total Credits Needed for Graduation **74**

Student Name:_____

Date:_____

Additional Curriculum Notes:

1. Electives can be found on page ____ of the Catalog & Handbook
   Check course descriptions to ensure transferability