

Robeson Community College | P.O. Box 1420 | Lumberton NC 28359

Department Chairperson/Program Director (910) 272-3472

Checklist for 2017 – 2018 Catalog

Program					
Electrical Systems Technology - Bridge (AAS) – A35130BR					
First Semester (Fall)	Credit hours	State Pre	State Co	Local Pre	Local Co
ACA 122 College Transfer Success	1	None	None	None	None
CIS 110 Introduction to Computers	3	None	None	DRE-096	None
ELC 112 DC/AC Electricity	5	None	None	None	None
ELC 113 Residential Wiring	4	None	None	None	ELC-112
ELC 118 National Electrical Code	2	None	None	None	None
MAT 171 Precalculus Algebra	4	Take One Set: Set 1: DMA-010, DMA-020, DMA-030, DMA-040, DMA-050, DMA-060, DMA-070, DMA-080; Set 2: DMA-010, DMA-020, DMA-030, DMA-040, DMA-050, DMA-065; Set 3: MAT-121	None	None	None
Total Credits	19				
Second Semester (Spring)	Credit hours	State Pre	State Co	Local Pre	Local Co
ELC 114 Commercial Wiring	4	None	None	ELC-113	None
ELC 117 Motors and Controls	4	None	None	Take ELC-112	None
ELN 229 Industrial Electronics	4	None	None	Take One: ELC-112, ELC-131, or ELC 140	None
ENG 111 Writing and Inquiry	3	Take DRE-098	None	None	None
Total Credits	15				
Third Semester (Summer Session)	Credit hours	State Pre	State Co	Local Pre	Local Co
DFT 119 Basic CAD	2	None	None	None	None
ELC 128 Intro to PLC	3	None	None	None	None
ELN 133 Digital Electronics	4	None	None	None	None
Total Credits	9				
Fourth Semester (Fall)	Credit hours	State Pre	State Co	Local Pre	Local Co
ELC 228 PLC Applications	4	None	None	ELC 128	None
ELN 231 Industrial Controls	3	None	None	ELN-229	None
ELN 232 Intro to Microprocessors	4	None	None	ELN-133	None
ENG 112 Writing/Research in the Disciplines	3	Take ENG-111	None	None	None
Total Credits	19				
Fifth Semester (Spring)	Credit hours	State Pre	State Co	Local Pre	Local Co
ELC 220 Photovoltaic Sys Tech	3	None	None	ELN 229	None
ELC 229 Applications Project	2	None	None	ELN-229, ELN-232, ELC-228, & ELC-117	None
ELN 275 Troubleshooting	2	None	None	ELN-229 & ELC-117	None
[UGETC] Humanities/Fine Arts Elective	3				
[UGETC] Social/Behavioral Science Elective	3				
PHY 151 College Physics I	4	Take MAT-171	None	DRE-097	None
Total Credits	17				
Total Credits Needed for Graduation	74				