

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

**Department Chairperson/Program Director (910) 272-3472**

**Checklist for 2017 – 2018 Catalog**

<b>Program</b>					
<b>Electrical Systems Technology – Technician (AAS) – A35130TE</b>					
<b>First Semester (Fall)</b>	<b>Credit hours</b>	<b>State Pre</b>	<b>State Co</b>	<b>Local Pre</b>	<b>Local Co</b>
ACA 111 College Student Success	1	None	None	None	None
MAT 110 Math Measurement & Literacy	3	Take One Set: Set 1: Take DMA-010 DMA-020 DMA-030; Set 2: Take MAT-060 MAT-070; Set 3: Take MAT-060 MAT-080, Set 4: Take MAT-060 MAT-090; Set 5: Take MAT-095	None	None	None
CIS 111 Basic PC Literacy	2	None	None	None	None
ELC 118 National Electrical Code	2	None	None	None	None
ELC 112 DC/AC Electricity	5	None	None	None	None
ELC 113 Residential Wiring	4	None	None	None	ELC-112
<b>Total Credits</b>	<b>17</b>				
<b>Second Semester (Spring)</b>	<b>Credit hours</b>	<b>State Pre</b>	<b>State Co</b>	<b>Local Pre</b>	<b>Local Co</b>
ENG 110 Freshman Composition	3	Take: DRE-097	None	None	None
ELN 229 Industrial Electronics	4	None	None	Take One: ELC-112, ELC-131, or ELC 140	None
ELC 114 Commercial Wiring	4	None	None	ELC-113	None
ELC 117 Motors and Controls	4	None	None	Take ELC-112	None
<b>Total Credits</b>	<b>15</b>				
<b>Third Semester (Summer Session)</b>	<b>Credit hours</b>	<b>State Pre</b>	<b>State Co</b>	<b>Local Pre</b>	<b>Local Co</b>
ELN 133 Digital Electronics	4	None	None	None	None
ELC 128 Intro to PLC	3	None	None	None	None
DFT 119 Basic CAD	2	None	None	None	None
<b>Total Credits</b>	<b>9</b>				
<b>Fourth Semester (Fall)</b>	<b>Credit hours</b>	<b>State Pre</b>	<b>State Co</b>	<b>Local Pre</b>	<b>Local Co</b>
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 115 Oral Communication	3	None	None	DRE-097	None
<b>Total Credits</b>	<b>14</b>				
<b>Fifth Semester (Spring)</b>	<b>Credit hours</b>	<b>State Pre</b>	<b>State Co</b>	<b>Local Pre</b>	<b>Local Co</b>
Social/Behavioral Science Elective	3	None	None	None	None
ELN 275 Troubleshooting	2	None	None	ELN-229 & ELC-117	None
ELC 220 Photovoltaic Sys Tech	3	None	None	ELN 229	None
Humanities/Fine Arts Elective	3	None	None	None	None
ELC 229 Applications Project	2	None	None	ELN-229, ELN-232, ELC-228, & ELC-117	None
ATR 280 Robotic Fundamentals	4	None	None	Take ELC-117 and ELC-128	None
<b>Total Credits</b>	<b>17</b>				
<b>Total Credits Needed for Graduation</b>	<b>72</b>				