

Robeson Community College  
P O Box 1420  
Lumberton NC 28359  
(910) 272-3341  
Checklist

for  
**INDUSTRIAL SYSTEMS TECHNOLOGY (AAS) A50240TE**  
**2015 – 2016 Catalog**

<b>First Semester (Fall)</b>	<b>Credit hours</b>	<b>Notes</b>
ACA 111 College Student Success	1	No Pre/Co
WLD 112 Basic Welding Processes	2	No Pre/Co
ELC 112 DC/AC Electrical	5	No Pre/Co
MAT 110 Math Measurement and Literacy	3	Take DMA 010, 020, 030 or Placement
CIS 111 Basic PC Literacy	2	No Pre/Co
BPR 111 Print Reading	2	No Pre/Co
MNT 110 Intro. to Maintenance Procedures	2	No Pre/Co
<b>Total Credits</b>	<b>17</b>	

<b>Second Semester (Spring)</b>	<b>Credit hours</b>	<b>Notes</b>
HYD 110 Hydraulics/Pneumatics	3	No Pre/Co
ENG 110 Freshman Composition	3	State DRE 097
ELN 229 Industrial Electronics	4	Local Take ELC-112, ELC-131, or ELC-140
ELC 117 Motors & Controls	4	State Take ELC-112 or ELC-131
<b>Total Credits</b>	<b>14</b>	

<b>Summer Session</b>	<b>Credit hours</b>	<b>Notes</b>
MEC 110 Introduction to CAD/CAM	2	No Pre/Co
MEC 111 Machine Processes I	3	No Pre/Co
ELC 128 Introduction to PLC	3	No Pre/Co
ISC 110 Work Place Safety	1	No Pre/Co
<b>Total Credits</b>	<b>9</b>	

<b>Third Semester (Fall)</b>	<b>Credit hours</b>	<b>Notes</b>
BPR 115 ELC/Fluid Power Diagrams	2	No Pre/Co
ENG 115 Oral Communication	3	No Pre/Co
ELC 228 PLC Applications	4	Local Take ELC-128
AHR 120 HVACR Maintenance	2	No Pre/Co
WLD 212 Inert Gas Welding	2	Local Take WLD-112
<b>Total Credits</b>	<b>13</b>	

<b>Fourth Semester (Spring)</b>	<b>Credit hours</b>	<b>Notes</b>
___ Social Behav Science Elective <sup>1</sup>	3	
PLU 111 Intro. to Basic Plumbing	2	No Pre/Co
MNT 263 Electro-Pneu Components	4	Local Take All HYD-110, ELC-117, ELC-128
MEC 276 Capstone Design Project	1	Local Take All BPR-111, ELC-117, ELC-228, ELN-229, HYD-110, MEC-110, MEC-111, MNT-110, WLD-112
___ Humanities/Fine Arts Elective <sup>1</sup>	3	
<b>Total Credits</b>	<b>13</b>	

**Total Credits Needed for Graduation 66**

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Additional Curriculum Notes:**

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