

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

Checklist

For

INDUSTRIAL SYSTEMS TECHNOLOGY (AAS) A50240BR

2015 – 2016 Catalog

| First Semester (Fall) | Credit hours | Notes |
|------------------------------------------|--------------|---------------------------------------|
| ACA 122 College Transfer Success | 1 | No Pre/Co |
| WLD 112 Basic Welding Processes | 2 | No Pre/Co |
| ELC 112 DC/AC Electrical | 5 | No Pre/Co |
| MAT 171 Precalculus Algebra | 4 | Take DMA 010-080 or DMA 010-050 & 065 |
| CIS 110 Introduction to Computers | 3 | No Pre/Co |
| BPR 111 Print Reading | 2 | No Pre/Co |
| MNT 110 Intro. to Maintenance Procedures | 2 | No Pre/Co |
| Total Credits | 19 | |

| Second Semester (Spring) | Credit hours | Notes |
|--------------------------------|--------------|-----------------------------------------|
| HYD 110 Hydraulics/Pneumatics | 3 | No Pre/Co |
| ENG-111 Writing & Inquiry | 3 | State DRE 098 |
| 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 |
| Total Credits | 14 | |

| Summer Session | Credit hours | Notes |
|---------------------------------|--------------|-----------|
| 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 |
| Total Credits | 9 | |

| Third Semester (Fall) | Credit hours | Notes |
|---------------------------------------------|--------------|--------------------|
| BPR 115 ELC/Fluid Power Diagrams | 2 | 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 |
| ENG 112 Writing/Research in the Disciplines | 3 | State Take ENG-111 |
| Total Credits | 13 | |

| Fourth Semester (Spring) | Credit hours | Notes |
|---------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------|
| ____ Social Behav Science Elective ¹ (UGETC) | 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 |
| PHY 151 College Physics I | 4 | State Take MAT-171 |
| ____ Humanities/Fine Arts Elective ¹ (UGETC) | 3 | |
| Total Credits | 17 | |

Total Credits Needed for Graduation 72

Student Name: _____

Date: _____

Additional Curriculum Notes:

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