

**Checklist for 2016 – 2017 Catalog**

<b>Program</b>					
<b>Industrial Systems Technology - Technician (AAS) - A50240TE</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
WLD 112 Basic Welding Processes	2	None	None	None	None
ELC 112 DC/AC Electricity	5	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
BPR 111 Print Reading	2	None	None	None	None
MNT 110 Intro to Maint Procedures	2	None	None	None	None
<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>
HYD 110 Hydraulics/Pneumatics	3	None	None	None	None
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 117 Motors and Controls	4	None	None	Take ELC-112	None
<b>Total Credits</b>	<b>14</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>
MEC 110 Intro to CAD/CAM	2	None	None	None	None
MEC 111 Machine Processes I	3	None	None	None	None
ELC 128 Intro to PLC	3	None	None	None	None
ISC 110 Workplace Safety	1	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>
BPR 115 ELC/Fluid Power Diagrams	2	None	None	None	None
ENG 115 Oral Communication	3	None	None	DRE-097	None
ELC 228 PLC Applications	4	None	None	ELC 128	None
AHR 120 HVACR Maintenance	2	None	None	None	None
WLD 212 Inert Gas Welding	2	None	None	WLD-112	None
<b>Total Credits</b>	<b>13</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
PLU 111 Intro to Basic Plumbing	2	None	None	None	None
MNT 263 Electro-Pneu Components	4	None	None	HYD-110, ELC-117, ELC-128	None
MEC 276 Capstone Design Project	1	None	None	Take All: BPR-111, ELC-117, ELC-228, ELN-229, HYD-110, MEC-110, MEC-111, MNT-110, & WLD-112	None
Humanities/Fine Arts Elective	3	None	None	None	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>70</b>				