

Checklist for 2016 – 2017 Catalog

Program						
Industrial Systems Technology - Bridge (AAS) - A50240BR						
First Semester (Fall)	Credit hours	State Pre	State Co	Local Pre	Local Co	
ACA 122 College Transfer 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 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	
CIS 110 Introduction to Computers	3	None	None	DRE-096	None	
BPR 111 Print Reading	2	None	None	None	None	
MNT 110 Intro to Maint Procedures	2	None	None	None	None	
Total Credits	19					
Second Semester (Spring)	Credit hours	State Pre	State Co	Local Pre	Local Co	
HYD 110 Hydraulics/Pneumatics	3	None	None	None	None	
ENG 111 Writing and Inquiry	3	Take DRE-098	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	
Total Credits	14					
Third Semester (Summer Session)	Credit hours	State Pre	State Co	Local Pre	Local Co	
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	
Total Credits	9					
Fourth Semester (Fall)	Credit hours	State Pre	State Co	Local Pre	Local Co	
BPR 115 ELC/Fluid Power Diagrams	2	None	None	None	None	
ENG 112 Writing/Research in the Disciplines	3	Take ENG-111	None	None	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	
[UGETC] Social/Behavioral Science Elective	3					
Total Credits	16					
Fifth Semester (Spring)	Credit hours	State Pre	State Co	Local Pre	Local Co	
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	
[UGETC] Humanities/Fine Arts Elective	3					
PHY 151 College Physics I	4	Take MAT-171	None	DRE-097	None	
ATR 280 Robotic Fundamentals	4	None	None	Take ELC-117 and ELC-128	None	
Total Credits	18					
Total Credits Needed for Graduation	76					