



**Industrial Systems Technology  
A50240**



Name:	
SID:	
Address	
City/ST/ZIP:	
Advisor:	
E-mail:	

**Placement Test Scores: W: R: N: EA: IA:**

Developmental English and ACA (As Needed)			
Course	Course Title	Credit	Grade
DRE 96	Integrated Reading and Writing	3	
DRE 97	Integrated Reading and Writing II	3	
DRE 98	Integrated Reading and Writing III	3	

**Fall I**

Course	Course Title	Prerequisites	Corequisites	Credit	Class	Lab	Shp/Cli.	Sem Taken	Grade
BPR111	Print Reading	None	None	2	1	2	0		
ELC131	Circuit Analysis I	None	None	4	3	3	0		
HYD110	Hydraulics/Pneumatics	None	None	3	2	3	0		
WLD112	Basic Welding Procedures	None	None	2	1	3	0		
ACA111	Success and Study Skills	None	None	1	1	0	0		
<b>Choose one of the following:</b>									
PSY118	Interpersonal Psychology	None	None	3	1	2	0		
PSY150	General Psychology	None	None	3	3	0	0		
<b>Choose one of the following:</b>									
EGR131	Intro to Electronics Technology	None	None	2	1	2	0		
ELC220	Photovoltaic Sys Tech	None	None	3	2	3	0		
<b>Semester Totals:</b>				<b>17-18</b>	<b>10,13</b>	<b>10,16</b>	<b>0</b>		

**Spring I**

Course	Course Title	Prerequisites	Corequisites	Cre	Clas	Lab	Shp		
ELC117	Motors and Controls	None	None	4	2	6	0		
ELC128	Intro to PLC's	None	None	3	2	3	0		
PHY110	Conceptual Physics	None	None	3	3	0	0		
ENG111	Expository Writing	DRE96, 97, 98	None	3	3	0	0		
ISC112	Industrial Safety	None	None	2	2	0	0		
<b>Choose one of the following:</b>									
CIS110	Introduction to Computers	None	None	3	2	2	0		
CIS111	Basic PC Literacy	None	None	2	1	2	0		
<b>Semester Totals:</b>				<b>20</b>	<b>15</b>	<b>13</b>	<b>0</b>		

**Summer I**

Course	Course Title	Prerequisites	Corequisites	Credit	Class	Lab	Shp/Cli.		
MEC111	Machine Processes I	None	None	3	1	4	0		
MNT110	Intro to Maintenance Procedures	None	None	2	1	3	0		
<b>Semester Totals:</b>				<b>5</b>	<b>2</b>	<b>7</b>	<b>0</b>		

**Fall II**

Course	Course Title	Prerequisites	Corequisites	Credit	Class	Lab	Shp/Cli.		
ENG114	Professional Research and Reporting	ENG111	None	3	3	0	0		
ATR280	Robotic Fundamentals	None	ISC112	4	3	2	0		
ELC228	PLC Applications	ELC128	None	4	2	6	0		
ELN110	Survey Of Electronics	None	ELC131	3	2	2	0		
<b>Semester Totals:</b>				<b>14</b>	<b>10</b>	<b>10</b>	<b>0</b>		

**Spring II**

Course	Course Title	Prerequisites	Corequisites	Credit	Class	Lab	Shp/Cli.		
ELC221	Adv PV Sys Design	ELC220	None	3	2	3	0		
ELC229	Applications Project	ATR280 and ELC128	None	2	1	3	0		
MEC128	CNC Machining Procedures	None	ISC112	4	2	4	0		
HUM115	Critical Thinking	None	None	3	3	0	0		
<b>Semester Totals:</b>				<b>12</b>	<b>8</b>	<b>10</b>	<b>0</b>		