

Suggested Sequence of Courses
Associate in Industrial Technology
With a Major in Industrial Maintenance
(EEM CONCENTRATION)

AIT.IMT04 (2008 – present catalog year)

(Fall Semester Start – Daytime)

FALL

Full 16-week semester:					
<u>Course</u>	<u>Description</u>	<u>C</u>	<u>L</u>	<u>Contact</u>	<u>Credit</u>
COL 101	College Orientation	1.0	0.0	1.0	1.0
MAT 155	Contemporary Mathematics	3.0	0.0	3.0	3.0
1st 8-week mini-semester					
<u>Course</u>	<u>Description</u>	<u>C</u>	<u>L</u>	<u>Contact</u>	<u>Credit</u>
EEM 117	AC/DC Circuits I	3.0	3.0	6.0	4.0
EEM 121	Electrical Measurements	3.0	0.0	3.0	3.0
2nd 8-week mini-semester					
<u>Course</u>	<u>Description</u>	<u>C</u>	<u>L</u>	<u>Contact</u>	<u>Credit</u>
EEM 140	National Electrical Code	3.0	0.0	3.0	3.0
EEM 145	Control Circuits	2.0	3.0	5.0	3.0
Totals		15.0	6.0	21.0	17.0

SPRING

Full 16-week semester					
<u>Course</u>	<u>Description</u>	<u>C</u>	<u>L</u>	<u>Contact</u>	<u>Credit</u>
CPT 101	Introduction to Computers	3.0	0.0	3.0	3.0
ENG 155	Communications I	3.0	0.0	3.0	3.0
1st 8-week mini-semester					
<u>Course</u>	<u>Description</u>	<u>C</u>	<u>L</u>	<u>Contact</u>	<u>Credit</u>
EEM 215	DC/AC Machines	2.0	3.0	5.0	3.0
<i>EEM 251</i>	<i>Programmable Controllers</i>	2.0	3.0	5.0	3.0
2nd 8-week mini-semester					
<u>Course</u>	<u>Description</u>	<u>C</u>	<u>L</u>	<u>Contact</u>	<u>Credit</u>
<i>EEM 221</i>	<i>DC/AC Drives</i>	2.0	3.0	5.0	3.0
<i>EEM 252</i>	<i>Programmable Controllers Applications</i>	2.0	3.0	5.0	3.0
Totals		14.0	12.0	26.0	18.0

Denotes Concentration Course Option

SUMMER

Full 10-week semester					
Course	Description	C	L	Contact	Credit
<i>CIM 241</i>	<i>Automated Manufacturing Equipment</i>	3.0	3.0	6.0	4.0
EEM 250	Programmable Logic Controllers	3.0	3.0	6.0	4.0
<i>EEM 271</i>	<i>Sensors and Systems Interfacing</i>	1.0	3.0	4.0	2.0
Totals		7.0	9.0	16.0	10.0

Denotes Concentration Course Option

FALL

Course	Description	C	L	Contact	Credit
ECO 101 or PSY 105	Basic Economics or Personal/Interpersonal Psychology	3.0	0.0	3.0	3.0
IMT 102	Industrial Safety	2.0	0.0	2.0	2.0
IMT 114	Benchwork and Assembly	1.0	3.0	4.0	2.0
IMT 120	Mechanical Installation	4.0	3.0	7.0	5.0
IMT 161	Mechanical Power Applications	3.0	3.0	6.0	4.0
Totals		13.0	9.0	22.0	16.0

SPRING

Course	Description	C	L	Contact	Credit
HSS 205	Technology and Society	3.0	0.0	3.0	3.0
IMT 104	Schematics	2.0	0.0	2.0	2.0
IMT 131	Hydraulics and Pneumatics	2.0	6.0	8.0	4.0
WLD 142	Maintenance Welding	1.0	6.0	7.0	3.0
Totals		8.0	12.0	20.0	12.0