

# AUTOMATION AND CONTROL ENGINEERING TECHNOLOGY

## Freshman Year

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
IAT 1113 Intro. to Automation & Control	3	IAT 1143 Fluid Power	<b>3</b>
IAT 1153 Motor Control for AUT	3	IAT 1163 Manufacturing Skills for AUT	3
EET 1114 DC Circuits	4	EET 1123 AC Circuits	3
ENG 1113 English Composition I	3	EET 1334 Solid State Devices & Circuits	4
MAT 1313 College Algebra	<u>3</u>	Approved Social/Behavioral Science Elective	<u>3</u>
	16		16

<i>Summer Term</i>	<i>Hrs.</i>
IAT 2923 Special Projects <b>OR</b>	
IAT 2926 Supervised Work Experience	<u>3</u>
	<u>3/6</u>

## Sophomore Year

<i>First Semester</i>	<i>Hrs.</i>	<i>Second Semester</i>	<i>Hrs.</i>
EET 1363 Microcontrollers	3	ELT 2623 Advanced Programmable	3
IAT 2113 Programmable Logic Controller	3	IAT 2123 Control Systems II	3
IAT 1173 Control Systems I	3	IAT 1123 Electrical Wiring/ Auto. & Controls	3
IAT 2133 Solid State Motor Controls	<u>3</u>	*SPT 1113 Public Speaking I	3
	12	*Approved Humanities/Fine Arts Elective	<u>3</u>
			15

Completion Award: Associate in Applied Science (4 semesters)