

**CERTIFICATE: INDUSTRIAL INSTRUMENTATION INSTALLER  
LEVEL II  
(Suggested Occupational Plan)**

		Lec.	Lab	Sem. Hrs.	Clock Hrs.
<b>FIRST SEMESTER</b>					
CETT 1409.	DC-AC Circuits.....	3	4	4	112
INTC 1341.	Principles of Automatic Control.....	2	3	3	80
PTAC 1308.	Safety, Health, and Environment I.....	3	0	3	48
COMG 1391.	Special Topics in Communications, General.....	3	0	3	48
<b>SECOND SEMESTER</b>					
INTC 2336.	Distributed Control and Programmable Logic.....	2	4	3	96
INTC 1357.	AC/DC Motor Control.....	2	4	3	96
MATH 1314.	College Algebra.....	3	0	3	48
INTC 1356.	Instrumentation Calibration.....	2	4	3	96
<b>THIRD SEMESTER</b>					
ELMT 2339.	Advanced Programmable Logic Controllers.....	2	4	3	96
INTC 1355.	Unit Operations.....	2	4	3	96
INTC 1258.	Flow and Measurement Calibration.....	2	1	2	48
SCIT 1318.	Applied Physics.....	2	4	3	96
<b>FOURTH SEMESTER</b>					
INTC 2333.	Instrumentation Systems Installation.....	2	4	3	96
INTC 1348.	Analytical Instrumentation.....	2	4	3	96
INTC 2350.	Fieldbus Process Control Systems.....	2	4	3	96
INTC 2330.	Instrumentation Systems Troubleshooting	2	4	3	96
INTC 1343.	Application of Industrial Automatic Controls <b>OR</b>				
INTC 2388.	Internship – Instrumentation Technology/ Technician.....	1-2	4-8	3	96-144
	Total Semester Hours for Certificate			51	

**VERSION MARKED WITH IDENTIFIED REVISIONS FOR REFERENCE**

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<del>TECM 1317.</del>	<del>Technical Trigonometry.....</del>	<del>3</del>	<del>0</del>	<del>3</del>	<del>48</del>
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