

INSTRUMENTATION TECHNOLOGY, LEVEL 2 CERTIFICATE



Capstone Experience: INTC 2330 Instrumentation Systems Troubleshooting or INTC 2388 Internship Instrumentation Technology/Technician

Verification of workplace competencies.

- ¹ Students desiring to obtain a baccalaureate degree should take MATH 1314 College Algebra. Students entering this program with MATH 1314 College Algebra may substitute this course for TECM 1301 Industrial Mathematics.
- ² Students who have successfully completed ENGL 1302 Composition II or ENGL 2311 Technical and Business Writing may receive credit for ETWR 1302 Introduction to Technical Writing.

Plan of Study

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First Term		Credits
INCR 1302	Physics of Instrumentation	3
INTC 1448	Analytical Instrumentation	4
OSHT 1320	Energy Industrial Safety	3
CETT 1302	Electricity Principles	3
TECM 1301	Industrial Mathematics ¹	3
Credits		16
Second Term		Credits
INTC 1322	Analog Controls I	3
INTC 1475	Sample Systems	4
INTC 2310	Principles of Industrial Measurement II	3
ETWR 1302	Introduction to Technical Writing ²	3
Credits		13
Summer Year One Term		Credits
INTC 1315	Final Control Elements	3
Credits		3
Third Term		Credits
ELPT 2319	Programmable Logic Controllers I	3
INTC 1350	Digital Measurement and Controls	3
INTC 2330 or INTC 2388	Instrumentation Systems Troubleshooting or Internship Instrumentation Technology/Technician	3
INTC 2359	Distributed Control Systems	3
Credits		12
Total Credits		44