

# INSTRUMENTATION AND ELECTRICAL TECHNOLOGY – CAREER PATHWAY MAP

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□6. DFTG 1325 Blueprint Reading and SketchingF, Sp, Su3□7. ELPT 1457 Industrial WiringSp4□8. INCR 1302 Physics of InstrumentationSp3□9. ELPT 1225 National Electric Code ISp2□10. INTC 2305 Instrument Hardware Installation IISp3**** INSTRUMENTATION AND ELECTRICAL TECHNOLOGY CERTIFICATE EARNED ***30 hours□11. INTC 2388 InternshipSu3□12. PHIL 2306 Introduction to Ethics *F, Sp, Su3□13. SOCI 1301 Introductory Sociology *F, Sp, Su3□14. ELPT 2319 Programmable Logic Controllers IF3□15. INTC 1357 AC/DC Motor ControlF3□16. MATH 1332 Contemporary Mathematics *F, Sp, Su3□17. ENGL 1301 Composition IF, Sp, Su3□18. ELPT 2355 Programmable Logic Controllers ISp3□19. INTC 2330 Instrumentation TroubleshootingSp3□20. SPCH 1318 Interpersonal Communications *F, Sp, Su3*** ASSOCIATE OF APPLIED SCIENCE DEGREE EARNED *** NOTE: Check with the Office of Financial Aid as aid may not be60 hours	$ \square $	5. INTC 1353 Analog Controls II	F	-
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		available beyond degree completion and/or 60 hours.		

## **READ ALL NOTES CAREFULLY:**

- \* Refer to Core Curriculum and KC Catalog for all possible course options.
- a) Courses in **bold** have a pre-requisite (previous course required).
- b) Courses in *italics* can be taken in any order.
- c) ENGL 1301 and the first MATH class may require a co-requisite and/or developmental course depending on TSI Scores.
- d) Refer to KC Catalog for Certificate and AAS Degree Requirements.

## **CAREER OPPORTUNITIES**

I & E Technician Instrumentation Technician Controls Technician PLC Programming Technician

## ADVANCED DEGREE/CREDENTIAL OPPORTUNITIES

University of Texas at Tyler, Bachelor of Applied Arts and Sciences (BAAS) in Industrial Technology

## LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

University of Texas at Tyler, Department of Business and Technology, <u>https://www.uttyler.edu</u> Lamar University, <u>http://www.lamar.edu</u>

#### CONTACT INFORMATION

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