

# School of Applied Technology

## Automation and Instrumentation Technician

Some courses require books for the first day of class. Please check with instructor or advisor prior to purchasing books for any of these classes.

Course	Title	Author/Publisher	ISBN
<b>KELA 0190**</b>	Soldering Kit, Skill Evaluation Kit, 2 boards	STI Electronics	405-8348
KET2 0109	Introductory Mathematics, 4th Edition	Cook; Prentice Hall	978-0130452849
KET2 0102	The Elements of Technical Writing, 3rd Edition	Pearsall; Pearson Higher Ed	978-0-13-507308-7
KET2 0112/ 0113/ 0114	Electronics Fundamentals: A Systems Approach, 1st Edition	Floyd; Prentice Hall	978-0133143638
	Experiments in Electronic Fundamentals and Electric Circuits	Floyd; Prentice Hall	13- 978-0-13-506327-9
KET2 0119	Digital Electronics: A Practical Approach with VHDL, 9th Edition	Pearson Pub.	978-0-13-2543033
KET2 0107	Associate CET Study Guide, 6th Edition	<a href="#">Electronics Technician Association In</a>	978-1891749070
KET2 0108	Electronics Test Instruments, 2nd Edition	Witte; PHPTR/Prentice Hall	978-0130668301
KAIT 0105	Industrial Automated Systems: Instrumentation and Motion Control, 1st Ed.	Bartelt; Delmar	978-1435488885
KAIT 0110	Instrumentation and Control Systems Documentation, 2nd Edition	Meier, Meier; ISA	978-1-936007-51-6
<b>KAIT 0115*</b>	Measurement and Control Basics, 4th Edition	Hughes; ISA	978-1-55617-916-7
<b>KET2 0250*</b>	Programmable Logic Controllers, 5th Edition	Petruzella; McGraw-Hill	978-0073373843
<b>KAIT 0120*</b>	Electric Motors and Control Systems	Petruzella; McGraw-Hill Higher Educa	978-0-07-352182-4
	Manual for Electric Motors and Control Systems	Petruzella; McGraw-Hill Higher Educa	978-0-07-352182-4
<b>KAIT 0125*</b>	Fluid Power with Applications, 7th Edition	Esposito; Prentice Hall	978-0135136904
KAIT 0130	Maintenance of Instruments & Systems, 2nd Edition	ISA	978-1-55617-879-5

**\*The following Automation courses require an e-Subscription to Amatrol. Please speak with department faculty that teach Automation. They will talk to you about the costs and options.**

**\*\*The following is a required supply item needed for the beginning of the course.**

### Optional Courses Textbooks

KAIT 0135	Troubleshooting: A Technician's Guide, 2nd Edition	Mostia; ISA	978-1556179631
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KAIT 0140	Industrial Data Communications, 5th Edition	Thompson, Shaw; ISA	978-0-87664-095-1
KECT 0151	Fiber Optics Installer and Technician Guide and Lab Manual, 4th Edition	Woodward, Husson; Wiley	978-1-119-01150-7
KET2 0173	Troubleshooting Electrical/Electronic Systems, 3rd Edition	Mazur, Proctor; American Technical P	978-0-8269-1791-1
	Troubleshooting Electrical/Electronic Systems Workbook, 3rd Edition	Mazur, Proctor; American Technical P	978-0-8269-1793-5
KEET 0100	LabView Student Edition	Bishop, Pearson; Prentice Hall	978-0-13-401133-2

*Changes to this book list may be implemented without prior notice and without obligation and, unless specified otherwise, are effective when made. Please contact the SLCC Bookstore for updated prices.*

*If a course is not listed, there is no book necessary.*

<http://bookstore.slcc.edu/>

*Last updated*      **9/5/2018**