

Book & Tool List

ENERGY SYSTEMS TECHNOLOGY & EDUCATION CENTER

Intermediate Technical Certificate: Instrumentation Engineering Technology

Book List for ITC – Instrumentation Engineering Technology

Course	Course Title	Book Title	ISBN	Cost
ESET 1101	Electrical Circuits I	Grob's Basic Electronics (Looseleaf), 13 th 21 Ed.	9781260445367	158.30
ENGL 1101	Writing and Rhetoric I	Perusall Access – Everyone's an Author W/R, 4 th Ed.	2818440009310	65.06
MATH 1153 (Obj. 3 option)	Statistical Reasoning	MyLab Statistics with Pearson eText Access Code for Intro Stats, 6 th 22 Ed.	8220144761755	131.24
PHYS 1101 (Obj. 5 Option)	Elements of Physics	Perusall Access – College Physics 1E, 16 Ed.	9781947172012	14.27
TOTAL				\$368.87

Course Fees for ITC – Instrumentation Engineering Technology

Course	Course Title	Fee
ESET 1100L	Introduction to an Industrial Environment Laboratory	75.00
ESET 1101L	Electrical Circuits I Laboratory	55.00
ESET 1102L	Electrical Circuits II Laboratory	25.00
ESET 1110L	Introduction to Process Control Laboratory	50.00
PHYS 1101	Elements of Physics	30.00
TOTAL		\$235.00

Tools/Supplies for ITC – Instrumentation Engineering Technology

Quantity	Description	Cost
1	Small adjustable wrench	3.00
1	Wire stripper	8.00
1	Needle nose pliers	5.00

Quantity	Description	Cost
1	Slip joint pliers	5.00
1	Diagonal cutter	7.00
1	Crimper/cutter	8.00
1	Digital Multimeter: Cen-Tech 37772 Specifications: DC Voltage: 400 mV to 750 V DC Current: 400 A to 10 A Resistance: up to 40 M AC Voltage: 400 mV to 750 V AC Current: 400 A to 10 A Input Impedance: 10 MOhm IEC Safety Ratings: CAT II: 1000 V, CAT III: 600 V	25.00
1	Small tool box or tool bag (with lock)	15.00
1	Safety glasses	8.00
1	Alligator clip test leads	8.00
1	Slotted and Philips screw drivers set	10.00
1	Flash (jump) drive (4GB or higher)	10.00
1	Lab Notebook: Bound, graph ruled (11.75 x 9.375)	16.00
1	Scientific Calculator: Casio Fx-115ES Plus	16.00
1	Laptop/Notebook Computer: Wifi ready, large hard drive, Windows 10, Microsoft Office Suite	700.00
TOTAL		\$844.00

Summary

Tuition	\$8,914.00
Books	\$368.87
Fees	\$235.00
Tools/Supplies	\$844.00
Program Total	\$10,361.87

**Costs listed are estimations and should not be considered a guarantee.*