

Book & Tool List

ENERGY SYSTEMS TECHNOLOGY & EDUCATION CENTER

Intermediate Technical Certificate: Energy Systems Nuclear Operations

Book List for ITC –Nuclear Operations Technology

Course	Course Title	Book Title	ISBN	Cost
ESET 1122	Electrical Systems and Motor Control Theory	Electrical Motor Controls for Integrated Systems – With DVD, 5 th 14 Ed.	9780826912268	134.20
ESET 1152	Nuclear Careers and Information	Essential Guide to Getting a Job in the Nuclear Power Industry, 14 Ed.	9781627340137	25.64
COMM 1101	Fundamentals of Oral Communication	Fund. Of Oral Communication Access Code	9781644850817	78.57
MATH 1153 (Obj. 3 option)	Statistical Reasoning	MyLab Statistics with Pearson eText Access Code for Intro Stats, 6 th 22 Ed.	8220144761755	131.24
PSYC 1101 (Obj. 6 Option)	Introduction to Psychology	Psychology – Achieve Read and Practice (1 Term), 14 th 24 Ed.	9781319489892	64.29
TOTAL				\$433.94

Course Fees for ITC –Nuclear Operations Technology

Course	Course Title	Fee
ESET 1100L	Introduction to an Industrial Environment Laboratory	75.00
ESET 1121L	Basic Electricity and Electronics Laboratory	10.00
ESET 1122/L	Electrical Systems and Motor Control Theory Laboratory	142.50
ESET 1151	Nuclear Industry Fundamental Concepts	25.00
ESET 1151L	Nuclear Industry Fundamental Concepts Lab	25.00
ESET 1153	Radiological Control Fundamentals	125.00
PHYS 1101	Elements of Physics	30.00
MATH 1153	Statistical Reasoning	30.00
TOTAL		\$462.50

Other Fees for ITC –Nuclear Operations Technology

Description	Fee
ISCET Test #3	35.00
TOTAL	\$35.00

Tools/Supplies for ITC –Nuclear Operations Technology

Quantity	Description	Cost
1	Alligator clip test leads set	8.00
1	Safety glasses	8.00
1	Small tool box or tool bag (with lock)	15.00
1	Digital multimeter: with the ability to measure current, resistance, and voltage (Cen-Tech 37772 or 61593)	25.00
1	Slotted and Philips screw driver set	10.00
1	Small adjustable wrench	3.00
1	Wire strippers	8.00
1	Crimpers/cutter	8.00
1	Diagonal (side) wire cutters	7.00
1	Lab Notebook: Quad ruled, wire-bound with duplicates (9781930882744)	21.00
1	Needle nose pliers	5.00
1	Scientific Calculator: Casio FX-115MS Plus SR	21.00
1	Flash (jump) drive (4GB or higher)	10.00
	TOTAL	\$149.00

Summary

Tuition	\$8,914.00
Books	\$433.94
Fees	\$497.50
Tools/Supplies	\$149.00
Program Total	\$9,994.44

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