

Book & Tool List

ENERGY SYSTEMS TECHNOLOGY & EDUCATION CENTER

Associate of Applied Science: Industrial Cybersecurity Engineering Technology

Book List for AAS – Energy Systems Nuclear Operations Technology

Course	Course Title	Book Title	ISBN	Cost
ESET 0121	Basic Electricity and Electronics	Electric Circuits Fundamentals – w/CD, 6 th 4 Ed.	9780131111394	56.95
ESET 0121	Basic Electricity and Electronics	Practical Electronics F/Inventors, 4 th 16 Ed.	9781259587542	19.75
CYBR 4484	Defending Critical Infrastructure and Cyber Physical Systems	Countering Cyber Sabotage, 1 st Ed.	9780367673710	29.96
CYBR 4484	Defending Critical Infrastructure and Cyber Physical Systems	Security PHA Review for Con.-Based CYBR	9781643311173	76.28
CYBR 4484	Defending Critical Infrastructure and Cyber Physical Systems	Sandworm, 19 Ed.	9780385544405	5.80
CYBR 4486	Network Security for Industrial Environments	Critical Infrastructure Protection, 12 Ed.	9783642289194	35.30
CYBR 4486	Network Security for Industrial Environments	Designing and Building a Security Operations Center, 14 Ed.	9780128008997	22.05
ENGL 1101	Writing & Rhetoric I	Little Seagull Handbook w/Access Pkg.	9780393877939	22.00
COMM 1101	Fundamentals of Oral Communication	Fund. Of Oral Communication Access Code	9781644850817	78.57
MATH 1153	Statistical Reasoning	Introductory Statistics – WebAssign, 19 th Ed.	9781337777186	54.21
MATH 1153	Statistical Reasoning	Introductory Statistics (OER), 18 th Ed.	9781506698236	14.15
PHYS 1101	Elements of Physics	EBK Applied Physics, 11 th Ed.	9780134241142	64.99
PSYC 1101 (Obj 6 Option)	Introduction to Psychology	Psychology Looseleaf w/Access, 13 th Ed.	9781319393830	80.00
			TOTAL	\$560.01

Course Fees for AAS – Industrial Cybersecurity Engineering Technology

Course	Course Title	Fee
ESET 0100L	Engineering Technology Orientation Laboratory	75.00
ESET 0120L	Introduction to Energy Systems Laboratory	10.00
ESET 0121L	Basic Electricity and Electronics Laboratory	65.00
ESET 0122	Electrical Systems and Motor Control Theory	50.00
ESET 0122L	Electrical Systems and Motor Control Theory Laboratory	142.50
ESET 0140	Applied Technical Intermediate Algebra	20.00
ESET 0181	Information Technology – Operational Technology Fundamentals	10.00
ESET 0223	Digital Control Theory	70.00
ESET 0227	Digital Control Systems Laboratory	10.00
ESET 0242	Practical Process Measurements and Control	25.00
CYBR 4489	Capstone in Industrial Cybersecurity	105.00
MATH 1153	Statistical Reasoning	5.00
TOTAL		\$587.50

Other Fees for AAS – Industrial Cybersecurity Engineering Technology

Description	Fee
SSCP Exam	250.00
TOTAL	\$250.00

Tools/Supplies for AAS – Industrial Cybersecurity Engineering Technology

Quantity	Description	Cost
	Raspberry PI, Jumpers, breadboard, LEDs	90.00
	Network cable, Ends for network cable	20.00
	Wire	10.00
	Linux Command Line	40.00
1	Packet analysis book	40.00
1	Nmap book	40.00
1	Talent code	25.00
1	Digital Multimeter: With the ability to measure current, resistance, and voltage (Cen-Tech 37772 or 61593)	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 driver set	10.00
1	Small adjustable wrench	3.00
1	Wire stripper	8.00

Quantity	Description	Cost
1	Needle nose pliers	5.00
1	Diagonal cutter	7.00
1	Crimper/cutter	8.00
1	Flash (jump) drive (4GB or higher)	10.00
1	Scientific Calculator: Casio FX-115MS Plus SR	21.00
1	Lab Notebook: Quad ruled, wire-bound with duplicates (9781930882744)	21.00
TOTAL		\$414.00

Summary

Tuition	\$15,744.00
Books	\$560.01
Fees	\$837.50
Tools/Supplies	\$414.00
Program Total	\$17,555.51