

Book & Tool List

ENERGY SYSTEMS TECHNOLOGY & EDUCATION CENTER

Associate of Applied Science: Energy Systems Electrical Engineering Technology

Book List for AAS – Energy Systems Electrical Engineering Technology

Course	Course Title	Book Title	ISBN	Cost
ESET 1100L	Introduction to an Industrial Environment Laboratory	Ugly's Electrical Safety and NFPA 70E, 5 th 21 Ed.	9781284226553	20.21
ESET 1102	Electrical Circuits II	Grob's Basic Electronics – With CD, 11 th 11 Ed.	9780077410094	187.46
ESET 1140	Applied Technical Intermediate Algebra	Intermediate Algebra – Aleks 360 Access, 5 th 18 Ed.	9781259948794	152.96
ESET 2292	Electrical Engineering Technology I	Electrical Motor Controls for Integrated Systems – With DVD, 5 th 14 Ed.	9780826912268	127.77
ESET 2292	Electrical Engineering Technology I	Ugly's Electrical References 2023	9781284275919	20.21
ENGL 1101	Writing and Rhetoric I	Rules for Writers (Spiral), 10 th 22 Ed.	9781319244255	56.56
ENGL 1101	Writing and Rhetoric I	Everyone's an Author: With Readings, MLA – W/Access, 4 th 23 Ed.	9781324045274	57.09
ENGL 1101	Writing and Rhetoric I	Dr. No: A Novel, 22 Ed.	9781644452080	6.99
COMM 1101	Fundamentals of Oral Communication	Fund. Of Oral Communication Access Code	9781644850817	78.57
MATH 1153	Statistical Reasoning	Intro Stats – MyStatLab w/eText (18 Weeks), 6 th 22 Ed.	9780136806899	135.70
MATH 1153	Statistical Reasoning	Intro Stats, 6 th 22 Ed.	9780136806868	85.99
PSYC 1101 (Obj. 6 Option)	Introduction to Psychology	Psychology – Achieve Read and Practice (1 Term), 14 th 24 Ed.	9781319489892	64.29
PHYS 1101	Elements of Physics	Perusall Access – College Physics 1E, 16 Ed.	9781947172012	14.27
			TOTAL	\$1,008.07

Course Fees for AAS – Energy Systems Electrical 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 1181	Information Technology – Operational Technology Fundamentals	20.00
ESET 2226	Process Control Devices Laboratory	30.00
ESET 2292L	Electrical Engineering Technology I Laboratory	130.00
ESET 2293L	Electrical Engineering Technology II Laboratory	100.00
TGE 1159	Internship Strategies	20.00
TOTAL		\$455.00

Tools/Supplies for AAS – Energy Systems Electrical Engineering Technology

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

Quantity	Description	Cost
1	Laptop/Notebook Computer: Wifi ready, large hard drive, Windows 10, Microsoft Office Suite	700.00
TOTAL		\$844.00

Summary

Tuition	\$16,712.00
Books	\$1,008.07
Fees	\$455.00
Tools/Supplies	\$844.00
Program Total	\$19,019.07

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