

Book & Tool List

ENERGY SYSTEMS TECHNOLOGY & EDUCATION CENTER

Associate of Applied Science: Energy Systems Mechanical Engineering Technology

Book List for AAS – Energy Systems Mechanical Engineering Technology

Course	Course Title	Book Title	ISBN	Cost
ESET 1118	Industrial Maintenance Mechanic I	Pocket Reference, (4 th)18 Ed.	9781885071620	9.71
ESET 1118	Industrial Maintenance Mechanic I	Machinery's Handbook 31, Toolbox Edition, 31 st 20 Ed.	9780831137311	104.96
ESET 1118	Industrial Maintenance Mechanic I	Industrial Maintenance Mechanic: Level 1, 3 rd 07 Ed.	9780132286084	77.99
COMM 1101	Fundamentals of Oral Communication	Fund. Of Oral Communication Access Code	9781644850817	78.57
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				\$481.80

Course Fees for AAS – Energy Systems Mechanical Engineering Technology

Course	Course Title	Fee
ESET 1100L	Introduction to an Industrial Environment Laboratory	75.00
ESET 1118	Industrial Maintenance Mechanic I	20.00
ESET 1121L	Basic Electricity and Electronics Laboratory	10.00
ESET 1123	Mechanical Power Transmission I	20.00
ESET 1123L	Mechanical Power Transmission Laboratory I	10.00

Course	Course Title	Fee
ESET 1127L	Mechanical Power Transmission Laboratory II	35.00
ESET 2242	Practical Process Measurements and Control	25.00
ESET 2244L	Rotating Equipment and Millwright Maintenance Laboratory	30.00
TGE 1257	Applied Ethics in Technology	30.00
TGE 1159	Internship Strategies	10.00
TOTAL		\$265.00

Tools/Supplies for AAS – Energy Systems Mechanical Engineering Technology

Quantity	Description	Cost
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
	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
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		\$149.00

Summary

Tuition	\$22,285.00
Books	\$481.80
Fees	\$265.00
Tools/Supplies	\$149.00
Program Total	\$23,180.80

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