

Book & Tool List

ENERGY SYSTEMS TECHNOLOGY & EDUCATION CENTER

Intermediate Technical Certificate: Energy Systems Technology

Book List for ITC – Energy Systems 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 |
| | | | TOTAL | \$360.63 |

Course Fees for ITC – Energy Systems 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 |
| | | TOTAL \$155.00 |

Tools/Supplies for ITC – Energy Systems 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 | 25.00 |
| | Specifications: DC Voltage: 400 mV to 750 V | |

| Quantity | Description | Cost |
|--------------|---|-----------------|
| | 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 | |
| 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

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|----------------|------------|
| Tuition | \$8,356.00 |
| Books | \$360.63 |
| Fees | \$155.00 |
| Tools/Supplies | \$844.00 |
| Program Total | \$9,715.63 |

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