## NEW — NESDA Recorded Training Sessions

**222 TS05 - Certified Service Manager Training 2005** – Certified Service Manager Training Video featuring Rob Steinruck CET/CSM. Recorded live at 2005 T-E-A Management Institute. Cover types of corporations, legal issues, employer/employee relationship, how to conduct legal interviews, sample questions asked on the CSM exam. DVD, about 3 hours. **$29.95**

**223 TS05 - Dealer Success Story, CEI** – Consolidated Electronics Int’l in Raleigh, NC is a successful business that does primarily warranty service. They operate an extremely efficient, professional service center and Rob Steinruck CET/CSM of CEI does an excellent job of discussing and describing why the company is doing so well. DVD, about 3 hours. **$29.95**

**224 TS05 - There’s Money In Those Walls!** – If you are looking for another service you can offer that will add to your service center’s bottom line, you will want to view this presentation. Presented at 2005 T-E-A Management Institute by Brian Gibson CET and Fred Paradis of Elite Media Solutions. DVD, about 3 hours. **$29.95**

**225 TS05 - NPSC Best Ideas Contest** – Recorded live at NPSC 2005. Everyone who attends comes away with loads of new ideas to enhance business and improve efficiency. DVD, about 2 hours. **$29.95**

### SEE PAGE 7 FOR NESDA TRAINING SERIES VIDEOS FOR MORE INFORMATION

### SEE PAGE 8 & 9 FOR ONLINE LEARNING STUDY GUIDES/PRACTICE TESTS & LEARNING COURSES

All Study Guides & Practice Tests are written to aid in preparation for ISCET Certification Examinations. They are not intended as learning or study text such as you would find in a textbook environment. Subject knowledge is assumed. Study Guides & Practice Tests as offered by ISCET are intended only to familiarize you with the nature and form of the questions that will appear on the actual test, and to be helpful in identifying your strengths and weaknesses in specific areas of the subject being addressed.

*Prices Subject to Change Without Notice. – 03/2006*

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### “We Employ CETs” Decal (Free to all certified CETs, one per technician)

### ASSOCIATE STUDY GUIDES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>035</td>
<td>Study Guide &amp; Practice Test for the ISCET Associate Level Examination.</td>
<td>$19.95</td>
</tr>
<tr>
<td></td>
<td>The areas covered are: Basic Math, DC Circuits, AC Circuits, Transistors and Semiconductors, Components and Circuits, Instruments, Tests and Measurements, and Troubleshooting.</td>
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<th>Description</th>
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<tr>
<td>148</td>
<td>Associate Practice Test</td>
<td>$5.00</td>
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<tr>
<td></td>
<td>75 example test questions for the for the Associate CET exam with multiple choice questions and answers.</td>
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<th>Code</th>
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<tr>
<td>034</td>
<td>Associate CET Study Guide</td>
<td>$16.95</td>
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<tr>
<td></td>
<td>By Joe Risse CET</td>
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</tr>
<tr>
<td></td>
<td>Expanded 96-page guide for the Associate CET exam. Covers basic math, AC/DC circuits, semiconductors, components and circuits, digital circuits, and test instruments.</td>
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### ASSOCIATE STUDY GUIDES (CONT.)

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<tr>
<td>039</td>
<td>The CET Study Guide</td>
<td>$24.95</td>
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<tr>
<td></td>
<td>By Joe Risse CET and Sam Wilson CET</td>
<td></td>
</tr>
<tr>
<td></td>
<td>An overall review of basic electronics including basic math, AC/DC circuits, components, etc. Satisfies requirements for technicians taking both Associate and Consumer CET exams. Endorsement. Covers basic electronics plus consumer electronics including digital circuits, linear circuits, televisions, VCRs, and test equipment.</td>
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<th>Description</th>
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<tr>
<td>075</td>
<td>Computerized Associate Practice Test &amp; Study Guide - In DISC</td>
<td>$47.95</td>
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<tr>
<td></td>
<td>Software program featuring 300 sample questions for the Associate CET exam. Each problem has a short explanation of how the problem is solved. W95/98/NT version requires monitor set to 800x600, color density of 256 colors, &amp; 2.4 MB of disk space. Offered in CD-ROM Format.</td>
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</table>

* Please review shipping chart for shipping and handling charges.
By Russell L. Meade

Following an overview of an industrial control loop, readers may delve into interfacing and updated information on AC variable speed drives. Fully updated to include new information on thyristors and sensor control techniques used in today's industrial automated systems has been instrumentation. Material on the components, circuits, instruments, and practical examples, and self-quizzes and tests, this matchless reference: poisonous, mechanical, and electronics. Troubleshooting is given expanded coverage in chapters 4-5-6, the chapters on series, parallel, and series-parallel circuits. New discoveries to appropriate text topics. Extensive component testing, circuit troubleshooting, and test equipment prepares student for the working world.

**ELECTRONIC REFERENCE & STUDY MATERIALS (CONT.)**

---188 DC/AC Circuits & Electronics, Principles & Applications, 1st Ed ................. $107.95

By Robert Herrick

Central to this book is its ability to engage readers who are new to the study of electronics in interesting and useful concepts from the start, guiding them in their efforts to learn how to develop and apply fundamental laws.

---189 Modern Control Technology, Components and Systems, 2nd Ed ..................... $125.95

By Christopher T. Kliian

Thoroughly updated, this edition features new material on popular PIC and BASIC Stamp Microcontrollers, plus expanded coverage of brushless DC motors, as well as networking used in control systems. Information has also been added to better address topics such as: decibels, levers, friction, clutches, and brakes, tooth rotor tachometers, vision sensors, dynamic braking of DC motors, linear motors, and flux vector AC drives.

---190 Foundations of Electronics: Circuits & Devices, 4th Ed ................................. $152.95

By Russell L. Meade: Robert Difenderfer

Chock full of full-color charts, photographs, schematics and diagrams. Equipped with an understanding of circuit behavior, readers move on to the study or more complex topics, including network theorems, magnetism, resonance, and more. Step-by-step examples and practical problems appear directly after explanations of key concepts, providing a bridge between must-know theory and hand-on circuit work.

---191 Basic Electricity, A Text-Lab Manual, 7th Edition .................................. $75.33

By Paul B. Zbar; Gordon Rockmaker; David J. Bates

Designed for use in traditional DC/AC courses, this text serves equally well as stand-alone introductory test and lab manual or as a lab manual for use with any basic theory text. The content of this text/lab manual is prepared with the technical assistance of the Electronic Industries Association, guaranteeing that the material is consistent with the competencies of the electronics manufacturing and service industries.

---192 Basic Electronics, Student Edition with Multisim CD-ROM .......................... $117.00

By Bernard Grob, & Mitchel E. Schultz

Intended for students taking their first course in fundamentals of electricity and electronics. Troubleshooting is given expanded coverage in chapters 4-5-6, the chapters on series, parallel, and series-parallel circuits. New questions, problems and applications exercises have been added to the end-of-chapter materials.

---193 Electronics, A Complete Course, 2/e ........ $124.80

By Nigel P. Cook

Over 40 Margin Timeline Photographs and vignettes highlight key historical milestones by industry entrepreneurs and connect their discoveries to appropriate text topics. Extensive component testing, circuit troubleshooting, and test equipment prepares student for the working world.

---213 Teach Yourself Electricity & Electronics ....... $34.95

By Stan Gibilisco

The quickest way to learn the hows and whys behind computing, communications, robotics, entertainment devices, and the force that makes them work. Packed with more than 500 learning-enhanced illustrations, practical examples, and self-quizzes and test, this matchless reference: Helps you solve current-voltage-resistance-impedance problems and make power calculations. Teaches simple circuit designed and optimization of circuit efficiency. Explains the theory behind advanced audio systems and amplifiers for live music. Features practical new information on wireless technologies, computers, the Internet, and more.

---187 Foundation of Electronics, 4th Ed ........ $132.95

By Russell L. Meade

Reader-friendly and ideal for technician training, this comprehensive book begins by exploring basic concepts such as voltage, current, plus power and resistance in series, parallel and combination circuits.
ADDITIO NAL LESSO NS FOR BASIC ELECTRONICS

The following lessons have been specially prepared to train technicians in the basic disciplines in electronics servicing. Each lesson features programmed exercises & self-check quizzes in a "pace yourself modular approach." Lessons may be purchased individually, or as a unit. Each complete unit qualifies for 10 clock hours or 1 continuing education unit.

Unit 103 - Using Mathematics in the Plant: 10 Unit Course. Begins by introducing mathematical basics — numbers, numerals, subtraction, addition, multiplication, etc. Examines common fractions, decimal fractions, ratios, proportions, powers and roots. Discusses the calculator — usage, basic functions, special functions, internal logic and special purpose calculators. Moves on to cover geometry, algebra, and using formulas for problem solving. Concludes by explaining trigonometry properties of triangles, trig functions, inverse trig functions and how to use them. (Please indicate desired lesson below.)

__059 Lesson 103.1 - Whole Numbers ......................... $12.95
___060 Lesson 103.2 - Common Fractions .................... $12.95
___061 Lesson 103.3 - Decimal Fractions .................... $12.95
___062 Lesson 103.4 - Ratios/Proportions .................... $12.95
___063 Lesson 103.5 - Powers & Roots ....................... $12.95
___064 Lesson 103.6 - Calculators ........................... $12.95
___065 Lesson 103.7 - Geometry .............................. $12.95
___066 Lesson 103.8 - Algebra ............................... $12.95
___067 Lesson 103.9 - Using Formulas ...................... $12.95
___068 Lesson 103.10 - Trigonometry ....................... $12.95
___069 Complete 10 Lesson Course ........................ $85.03

Unit 104 - Making Measurements: 10 Unit Course. Covers units of measurement used in commercial and industrial applications. Examines all aspects of basic measurements, concepts and procedures, including accuracy and tolerance. Discusses techniques and devices for comparison measurements (dial indicators and gauge blocks). Shows common methods for measuring volume, motion, force, temperature, fluid flow, and electricity. Explains how to use scales and rules, combination calipers, and micrometers. (Please indicate desired lesson below.)

__070 Lesson 104.1 - Units of Measurement ................. $12.95
__071 Lesson 104.2 - Metric Measurement ................. $12.95
__072 Lesson 104.3 - Linear Measurement ................. $12.95
__073 Lesson 104.4 - Comparison/Surface ................ $12.95
__074 Lesson 104.5 - Measuring Bulk Materials ........ $12.95
__075 Lesson 104.6 - Measuring Motion ................. $12.95
__076 Lesson 104.7 - Measuring Forces ................ $12.95
__077 Lesson 104.8 - Measuring Temperatures .......... $12.95
__078 Lesson 104.9 - Measuring Fluids ................ $12.95
__079 Lesson 104.10 - Measuring Electricity .......... $12.95
__080 Complete 10 Lesson Course ......................... $85.03

ADDITIO NAL LESSO NS FOR BASIC ELECTRONICS (CONT.)

Unit 201 - Understanding Basic Electricity & Electronics: 10 Unit Course. Covers basic, non-mathematical approach to understanding principles of electricity. Introduces electron theory, static electricity, electrons in motion, and magnetism. Covers basic method of measuring current, voltage, and resistance. Explains circuit components — conductors, insulators, resistors, capacitors, simple Ohm and #8217's Law calculations for DC/AC circuits. (Please indicate desired lesson below.)

__081 Lesson 201.1 - Introduction to Electricity ............. $12.95
__082 Lesson 201.2 - Static Electricity ..................... $12.95
__083 Lesson 201.3 - Current Electricity ................ $12.95
__084 Lesson 201.4 - Magnetism ........................... $12.95
__085 Lesson 201.5 - Current, Resistance, ............... $12.95

Unit 202 - Using and Maintaining Batteries and DC Circuits: 10 Unit Course. Covers how electrochemical action is used. Covers batteries, electrolytic action, electroplating, characteristics of storage batteries, application and maintenance of lead-acid, nickel-alkaline, and nickel-cadmium batteries, putting batteries into service, charging batteries, maintaining records, fundamentals of DC circuits, using Ohm and #8217's Law to solve problems in DC series, parallel, and series-parallel circuits. (Please indicate desired lesson below.)

__086 Lesson 202.1 - Electrochemical Action ............... $12.95
__087 Lesson 202.2 - Battery Characteristics ............. $12.95
__088 Lesson 202.3 - Kinds of Batteries ................ $12.95
__089 Lesson 202.4 - Maintaining Lead-Acid .......... $12.95

Unit 203 - Using and Maintaining Transformers and AC Circuits: 10 Unit Course. Covers the differences between DC and AC circuits. Explains AC sine wave, using vectors to solve AC problems, calculating impedance in circuits having inductance, capacitance, and resistance. Also covers AC power relationships in single-phase, three-phase circuits, and principles of transformer maintenance. (Please indicate desired lesson below.)

__090 Lesson 203.1 - Principles of Alternating Current .... $12.95
__091 Lesson 203.2 - Mathematics in AC Circuit ........ $12.95
__092 Lesson 203.3 - Inductance & Inductive Reactance .. $12.95
__093 Lesson 203.4 - Capacitance & Capacitive Reactance $12.95

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Unit 203 - Using and Maintaining Transformers and AC Circuits: 10 Unit Course. Covers the differences between DC and AC circuits. Explains AC sine wave, using vectors to solve AC problems, calculating impedance in circuits having inductance, capacitance, and resistance. Also covers AC power relationships in single-phase, three-phase circuits, and principles of transformer maintenance. (Please indicate desired lesson below.)

107 Lesson 203.5 - Impedance ........................................ $12.95
108 Lesson 203.6 - Power & Energy in AC Circuits .......... $12.95
109 Lesson 203.7 - Three-Phase Circuits ................. $12.95
110 Lesson 203.8 - Principles of Transformers .......... $12.95
111 Lesson 203.9 - Transformer Applications .......... $12.95
112 Lesson 203.10 - Maintaining Transformers ....... $12.95
113 Complete 10 Lesson Course .................................. $85.03

Unit 204 - Electrical Measuring Instruments: 5 Unit Course. Covers the principles on which electrical test instruments operate. Basic instruments covered include voltmeter, ammeter, wattmeter, ohmmeter, and megohmmeter. AC metering, split-core ammeter, use of current and potential transformers. Includes detailed coverage of modern multimeters. Explains functions and uses of oscilloscopes. (Please indicate desired lesson below.)

114 Lesson 204.1 - Principles of Meter Operation ........ $12.95
115 Lesson 204.2 - Ammeters, Voltmeters, ................. $12.95
116 Lesson 204.3 - Resistance Measurement ............ $12.95
117 Lesson 204.4 - Multimeters .......................... $12.95
118 Lesson 204.5 – Oscilloscopes ......................... $12.95
119 Complete 5 Lesson Course .......................... $65.18

Unit 251 - Semiconductors: 5 Unit Course. Covers the theory behind semiconductor operation. Describes the characteristics and operation of various kinds of diodes and transistors. Stresses the importance of proper environmental conditions and explains how to minimize electrostatic discharge (ESD) and radio frequency interference (RFI). Discusses printed circuit board (PCB) and integrated circuit (IC) technology, including connection and replacement methods. Identifies kinds of semiconductor packages. Explains how to interpret manufacturers and #8217, spec sheets, and how to analyze circuit performance by Q points and by characteristics. (Please indicate desired lesson below.)

120 Lesson 251.1 - Introduction to Semiconductors ...... $12.95
121 Lesson 251.2 - Environmental Conditions .......... $12.95
122 Lesson 251.3 - Printed Circuit Boards ............... $12.95
123 Lesson 251.4 - Transistors/Integrated Circuits .... $12.95
124 Lesson 251.5 - Packages & Performance Analysis .. $12.95
125 Complete 5 Lesson Course .......................... $66.70

Unit 252 - Power Supplies: 6 Unit Course. Covers the 4 basic power supply conversions. Explains how to work with non-chemical and primary/secondary cells of various materials. Describes the functions/operation of several kinds of rectifiers, filters and voltage regulators and explains how they work together as power conditioners in circuits. Discusses basic tools, test devices, & procedures for solving a number of problems in the least amount of time. (Please indicate desired lesson below.)

126 Lesson 252.1 - Power Supplies/Power Conditioners $12.95
127 Lesson 252.2 - Cells and Batteries .................. $12.95
128 Lesson 252.3 - Rectifiers .......................... $12.95

AdditionaL Lessons for Basic Electronics (CONT.)

Unit 252 - Power Supplies: 6 Unit Course. Covers the 4 basic power supply conversions. Explains how to work with non-chemical and primary/secondary cells of various materials. Describes the functions/operation of several kinds of rectifiers, filters and voltage regulators and explains how they work together as power conditioners in circuits. Discusses basic tools, test devices, & procedures for solving a number of problems in the least amount of time. (Please indicate desired lesson below.)

129 Lesson 252.4 - Filters .............................. $12.95
130 Lesson 252.5 - Voltage Regulators ................. $12.95
131 Lesson 252.6 - Troubleshooting Power Supplies .. $12.95
132 Complete 6 Lesson Course ........................... $70.87

Unit 253 - Amplifiers: 5 Unit Course. Covers the effects of gain, bandwidth, and distortion on amplifier performance. Compares linear and nonlinear (switching) amplifiers. Explains how to use transistor curves to analyze amplifier operation in terms of operating regions, load lines, operating (Q) points, and biasing. Discusses impedance matching and compares capacitive, transformer, and direct-coupled amplifiers. Describes many ways op amps are used today, including integrators and comparators. Provides specific methods for troubleshooting common amplifier problems. (Please indicate desired lesson below.)

133 Lesson 253.1 - Introduction to Amplifiers ........ $10.50
134 Lesson 253.2 - Single-Stage Amplifiers .......... $10.50
135 Lesson 253.3 - Performance & Multistage Amplifiers .......................... $10.50
136 Lesson 253.4 - OP Amps ........................ $10.50
137 Lesson 253.5 - Troubleshooting Amplifiers .... $10.50
138 Complete 5 Lesson Course .......................... $66.68

Unit 254 - Oscillators: 5 Unit Course. Covers how oscillation is started and maintained. Compares LC (tuned), RC (phase-shift), and crystal oscillators. Compares sine wave oscillators and square-wave switching circuits. Discusses mono-stable, a-stable, and bi-stable flip-flop operation in detail and shows expected waveforms. Explains how logic clocks are generated and conditioned. Discusses Schmitt trigger circuits, frequency dividers, ripple counters, propagation delays and glitches. Describes the operation of low-pass, high-pass, band-pass, and band-reject filters, including differentiators and integrators. Describes the equipment and procedures for troubleshooting oscillator components and circuits. (Please indicate desired lesson below.)

139 Lesson 254.1 - Introduction to Oscillators ........ $10.50
140 Lesson 254.2 - Flip-Flops .......................... $10.50
141 Lesson 254.3 - Logic Clocks ....................... $10.50
142 Lesson 254.4 - Filters and Waveforms ............ $10.50
143 Lesson 254.5 - Troubleshooting Oscillators .... $10.50
144 Complete 5 Lesson Course .......................... $66.68

Audio Study Guides

149 Audio Practice Test .................................... $3.50
75 example test questions for the for the Audio Journeyman exam with multiple choice questions and answers.

162 Troubleshooting Consumer Audio Circuits ........ $37.95
By Homer Davidson
This text helps technicians to repair and service the audio circuits found in the consumer electronics field. Covers everything from the basic amplifier of the small phono player to the high-powered auto receiver/amplifier. Provides critical electronic information for technicians and electronics students.
CET IDENTIFICATION MATERIALS

- 147 CET Blazer Patch .............................................. $3.75
- AAE CET Certificate* ........................................... $5.00
- AAB Personalized Tag* .......................................... $8.00
- 001-07 Member Certificate* ....................................... $5.00
- 058 Associate Lapel Pin* .......................................... $6.50
- 057 Journeyman Lapel Pin* ........................................ $5.00
- AAF Associate Wallet Card* ....................................... $5.00
- AAG Journeyman Wallet Card* .................................. $5.00
- AAD "We Employ CET's" Decal ................................ $3.00
- AAI IS CET Member Decal ....................................... $2.00

* For identification materials, complete section below

First Name __________________________ Initial _____
Last Name _____________________________________
Certification # ______ - _______________________
Date Certified __________________________
Journeyman Option* __________________________

NASTeC Appliance Servicing Materials

- 204 CAT (Certified Appliance Technician) Self-Assessment Examination ........................................ $19.50
A study guide for assistance in preparing for the IS CET CAT-Nastec Examination.

- 171 Appliance Servicing Handbook, 2nd Ed ............. $110.00
By George Meyerink
This book is intended to provide a basic electromechanical background as well as guidance in human relations and ethics.

- 172 Major Appliances: Operation, Maintenance, Troubleshooting and Repair .................................... $90.00
By Billy C. Langley
Covers the fundamentals necessary for successful servicing of major appliances first, along with chapters on safety, the service occupation, customer relations, tools and instruments, service techniques, installation, basic electricity and electronics, proper lubrication procedures, refrigeration principles, air control, water chemistry, and combustion. cloth, 547 pages.

CEA STUDY GUIDE

- 167 Study Guide & Practice Test for CEA Exam .......... $37.95
Paperback, 745 pages.

E.P.A. STUDY GUIDE

- 173 Guide to the E.P.A. Refrigerant Handling Certification Exam ..................................................... $72.50
Designed for those preparing to take an EPA approved certification exam.

STUDY GUIDES FOR FCC EXAMINATIONS

- 053 General Radiotelephone Operator & Radar ...... $39.95
Endorsement License Book Elements 1, 3, & 8
By Fred Maia
Study guide for Marine Operator Permit, GROL, and Ship Radar Endorsement. 496-page fully illustrated textbook with answers and explanations of over 1,300 questions. Complete listing of exact FCC license exam questions.

- 054 General Radiotelephone Operator & Radar ...... $62.95
Endorsement Licenses Software Package Elements 1, 3, & 8
Software study package for the Marine Operator Permit, GROL, and Ship Radar Endorsement. Includes a 3.5" disk plus the 496-page book listed above. (See above for more information).

First, Second, Third Class Radiotelegraph Operators Licenses - Elements 5 & 6
Software package - 3.5" high-density media — complete with all FCC rules. Covers radiotelegraph operating procedures, advanced radio and radiotelegraph procedures, and much more for elements 5 & 6.

- 048 Paper Version ..................................................... $19.95
- 047 Software Version ................................................... $32.10

GMDSS — Operator & Maintainer License
Written Elements 7 & 9
Software package - 3.5" high-density media — complete with all FCC rules. Covers radiotelegraph operating procedures, advanced radio and radiotelegraph procedures, and much more.

- 051 Book Only .......................................................... $19.95
- 052 Software Version (Includes Book) ...................... $44.95

BOOKS ON PRODUCT SERVICING

- 018 Intro to Microprocessor Theory & Operation ...... $32.95
By Sam Wilson CET & Joe Risse CET
Provides a transition from digital circuitry to microprocessor systems and uses a combination of theory discussions and experiments. Illustrated w/ circuits, specifications and pin outs.

- 023 Complete RF Technician's Handbook ............... $54.55
By Cotter Sayre
Covers current methods and circuits employed in today's RF communications gear. Test and troubleshoot transmitters, transceivers and receivers. Covers reactance, phase angle, logarithms, diodes, passive filters, amplifiers, and distortion.

- 015 Electronic Troubleshooting ............................... $49.95
By Tomal & Widmer
Principles of troubleshooting electronic test instruments, electric motors and generators, industrial controls, residential and industrial wiring, radio and TV, digital circuits, sequential digital circuits, microprocessor based systems and biomedical equipment.

- 029 Toshiba Medium PLC Primer ........................... $50.40
By Ed Dropka
Provides introduction to programming with the EX-PDD250 software common to Toshiba Medium PLC's and is designed for technicians who are not familiar with programmable logic controllers and relay ladder logic. Demonstration disk allows the user to become familiar with basic techniques.

* Please review shipping chart for shipping and handling charges.
BOOKS ON PRODUCT SERVICING (CONT.)

155 Troubleshooting & Repair Guide to TV .......... $40.25
By SAMS Technical Publishing
Complete repair information for all makes of TVs, timesaving comprehensive basic electronics theory and extensive coverage of common TV symptoms.

156 Troubleshooting & Repairing Projection TV ...... $41.95
By Joe Desposito & Kevin Garabedian
“Fix it yourself.” Covers everything from the basics of projection circuits, tools and test equipment, TV types, safety procedures, and measurements, to finely detailed repair techniques. Also shows how to troubleshoot tuner circuits, CRTs, projection TV controls, and remote control circuits.

157 Troubleshooting Analog Circuits .................. $41.66
By Robert Pease
Technical book filled with clear narrative explanations and “tricks of the trade” to using simple equipment, step-by-step procedures, and numerous tables for analog troubleshooting methods.

158 Troubleshooting & Repairing Auto Electronics ... $37.95
By Vaughn D. Martin
Contains an overview and tutorial of a car’s electrical system and explains how each section works. Explains sensor types within cars in great detail. Troubleshooting methods and methods of investigating faults using instruments such as DMM, an analog multimeter, and DSO in actual troubleshooting applications.

159 Troubleshooting & Repairing Camcorders ........ $37.95
By Joe Desposito & Kevin Garabedian
Learn everything you need to know about the upkeep and repair of video camcorders. Examine camcorder troubleshooting procedures and advanced repair techniques.

SERVICE AIDS FOR TECHNICIANS

013 Becoming an Electronics Technician: Securing .... $46.00
Your High-Tech Future
By Ronald Reis
Analyzes the skills needed to enter the electronics servicing profession. Contains profiles of working technicians and job descriptions. Covers educational requirements beyond the classroom for student and professional technicians.

017 IC Cross Reference, 3rd Edition ..................... $32.95
By Howard W. Sams & Company
Lists IC or module part numbers alphanumerically by manufacturer, type, or other identifying numbers. Includes numbers from the US, Europe, and the Far East. Provides substitutions and replacements for IC and module listings.

024 Semiconductor Cross Reference Book ............. $39.95
By Howard W. Sams & Company
Comprehensive guide to replacement data available for engineers, technicians, and those that work with semiconductors. More than 490,000 part numbers & model numbers. Covers bi-polar transistors, FETs diodes, ICs, SCR s, LEDs, modules, and thermal devices.

EXAMINATIONS

321-02 Associate CET Online .......................... $45.00

321-03 All Associate Level Exams Expt
Associate CET Online ................................. $45.00
Telecommunications -- Level 1
Telecommunications -- Level 2

320-88 All Journeyman CET Online ....................... $50.00

SPANISH LANGUAGE MATERIALS

001 Enciclopedia Virtual de la Electronica ........... $16.50
002 Curso practico de Television a Color Moderna $38.10
003 Como aplicar el Oscilosc. En el Serv. ........... $6.26
004 Fuentes de Alimentacion Comunidades en TV $13.90
005 Televisores de Nueva Generacion .......... $32.10
006 El Manejo del Osciloscopio Moderno ........ $12.90
007 Todo Sobre Transistors ....................... $13.10
008 Todo Sobre Condensadores y Bobinas .... $12.90
009 Todo Circuitos Integrados ................. $12.90
010 Todo Sobre Diodos ......................... $12.90
011 Todo Sobre Resistencias ................. $12.90

177 Guia de Estudio Y Examen de Practica ISCET Nivel
Asociado Examen de Certificacion .................. $19.95

VCR CROSS REFERENCE, VERSION 8
A complete guide to IC and module replacement and substitutions for over 35,000 parts and models. An easy-to-use guide to help you provide prompt and quality customer service. Sub-divided sections provide crosses to similar models and parts. Software version allows model search by manufacturer.

164 Manual (110 pages) $19.95
163 3.5" Disk * $39.95
174 Disk and Manual * $50.95
* For IBM-compatible; Requires DOS 3.1 or higher

NESDA RECORDED TRAINING SESSIONS

222-TS *Certified Service Manager Training ............... $29.95
2005 Training Series
Cover types of corporations, legal issues, employer/employee relationship, how to conduct legal interviews, sample questions asked on the CSM exam. This course, along with the CSM Study Guide, will give a test-taker a good overview of knowledge required to pass the test. DVD, about 3 hours.

223-TS *Dealer Sucess Story, CEI ........................ $29.95
2005 Training Series
Consolidated Electronics Int’l in Raleigh, NC is a successful business that does primarily warranty service. They operate an extremely efficient, professional service center and Rob Steinruck CET/CSM of Consolidated does an excellent job of discussing and describing why the company is doing so well. A link to a PowerPoint presentation used in this seminar is provided. DVD, about 3 hours.

224-TS *There’s Money in Those Walls! .................... $29.95
2005 Training Series
Presented at 2005 T-E-A Management Institute by Brian Gibson CET and Fred Paradis of Elite Media Solutions, Wellesley, MA. The presentation explains what is involved in offering installation and support for high-end home theater and entertainment products by two gentlemen who have been very successful using this business model in their own business. DVD, about 3 hours.

225-TS *NPSC Best Ideas Contest ......................... $29.95
2005 Training Series
Recorded live at NPSC 2005. The annual Best Ideas Contest at NPSC has for many years been a staple of the NPSC schedule. Gerry McCann CET/CSM, EHF and wife Faye moderate the session every year. Everyone who attends comes away with lots of new ideas to enhance business and improve efficiency. DVD, about 2 hours.

* Please review shipping chart for shipping and handling charges.
ONLINE LEARNING
STUDY GUIDES/PRACTICE TESTS
& LEARNING COURSES

All Study Guides/Practice Tests (SG/PT) & Learning Courses (LC) are provided complete with printed versions included in the purchase price. Use of the Online material is provided for 150 calendar days from date of issue. Additional time can be purchased for fees shown. All SG/PTs have the ability to send e-mails to ISCET with questions concerning the area of study and receive answers within 48 hours (weekends and holidays excluded).

Study Guides/Practice Tests:

181-COMPUTER — A 25 question Study Guide and Practice Test, complete with rational for each question…Includes diagrams and e-mail responses. Topics include Digital fundamentals, Hardware fundamentals, communication basics, Memory, Auxiliary storage, Computer input/output, Microcomputer operating systems, Basic networking, Troubleshooting/upgrading. $49.95

180-INDUSTRIAL — A 25 question Study Guide and Practice Test, Complete with rational for each question…Includes diagrams, Test Evaluation and e-mail responses. Topics include basic solid state And logic devices along with practical instruction on various programmable controllers; power, Optoelectronic devices and industrial laser; power supplies, inverters and converters; operational Amplifiers; PLCs and their PID loops, robotics, servo drives and stepper motors; and communications systems as linked to industrial applications. $49.95

179-RADAR — A 25 question Study Guide and Practice Test, complete With rational and in-depth theory explanation. Includes diagrams, Test Evaluation and e-mail responses. Topics include waveguides, Microwave Devices Resonant cavities, Basic radar, Doppler radar, Phased array radar, Pulse compression radar, Over the horizon radar and bistatic radar. $49.95

All Study Guides & Practice Tests are written to aid in preparation for ISCET Certification Examinations. They are not intended as study text such as you would find in a textbook environment. Discussions of each question will add to your knowledge base, and be helpful in identifying your strengths and weaknesses in specific areas of the subject being studied. An excellent resource for preparation of the student for taking of ISCET examinations.

Many others to be added as they are available.

Learning Courses:

182-AC Electronics (LC-D)— A media-rich computer based training course offered on CD and compliment to DC Electronics (Item No. 183). Offering thirteen modules, you will begin with the basic of alternating current, ending with advanced AC circuit analysis. This course features easy-to-follow lessons, illustrative animations, and numerous quizzes to assist in your learning process. $42.50

183-DC Electronics (LC-D)— A media-rich computer based training course delivered via CD. Through seventeen modules, you will learn everything from basic electronics theories to advanced DC circuits analysis. This course features easy-to-follow lessons, illustrative animations, and numerous quizzes to keep you on track.$42.50

Learning Courses are written to be learning text, and are intended for study of the subject being addressed. There may or may not be practice questions provided, and may address subjects other than those offered for certification by ISCET.

* Please review shipping chart for shipping and handling charges.
ONLINE LEARNING
STUDY GUIDES/PRACTICE TESTS
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Learning Courses:

**185 (LC-185-1) Associate Electronics Online Learning Course, Part 1**
The Associate Electronics Learning Course, Part 1 (LC-185-1), a web-based learning course designed to be a self-study electronics in DC electronics, is now available. This course is designed to be a self-study course in DC electronics, as well as study material for the DC electronics portion of the ISCET Associate Level CET (Certified Electronics Technician). It is an excellent presentation of learning material covering basic DC electronics, with 14 modules including “Atoms & Electronics,” “Voltage-Current Resistance,” “Ohm’s Law,” “Circuits,” “Capacitors & Inductors” to name just a few.

Presented through ISCET Online Learning over the internet. Available to you for 150 days 24 hours per day, 7 days per week (24/7).

Price: $49.95 for 150 days access online. Printed material not available.

**205 (LC205-1) Telecommunications Online Learning Course, Level 1**
ISCET’s Telecommunications course is divided into three levels. This is level 1, and is intended to be used by those whose background is minimal in telecommunications. Level 2 covers basically the same topics, but in a greater depth. Level 3 is a very thorough investigation of Telecommunications and is considered to be a Journeyman level material. Along with the Associate CET, the Telecommunications Part is considered a CET. Students taking Level 1, then successfully completing the Certified Telecommunications Associates examinations are considered to be (CTA-1). Successfully completion of the Level 2 materials and examination will become Certified Telecommunications Associates (CTA-2). Modules include Networking Topology, Networking Standards, Networking Devices, Copper Cable, Codes & Standards, Fiber Optical Cable (3 Modules), Pulling Cable, Structured Premises Cabling, Low Voltage Alarm System, Grounding & Fire Stopping, and Professionalism & Safety.

Price: $49.95 for 150 days access online. Printed material not available.

**208 (LC-IA-208-1) Telecommunications Course, Level 1, VIRTUAL CLASSROOM -- REAL CLASSROOM WITH A LIVE INSTRUCTOR -- REGULAR CLASS SCHEDULE**

Live Audio and Video -- All on the Internet, and at the Price YOU CAN AFFORD 14 hours of classroom instruction at less than $14 per hour

This is a Virtual Classroom Telecommunications course, given on the Internet, and contains the same material as described for LC-205-1. Students will be assigned to a specific class meeting at a specified time on regular schedule. Classes will be conducted by an ISCET instructor. Audio will be shared by all students and instructors. Video will be presented by the instructor and all students will be able to view at the same time. Modules include Networking Topology, Networking Standards, Networking Devices, Copper Cable, Codes & Standards, Fiber Optical Cable (3 Modules), Pulling Cable, Structured Premises Cabling, Low Voltage Alarm System, Grounding & Fire Stopping, and Professionalism & Safety.

Price: $187.50 for complete course, all 14 modules presented in 14 one-hour Virtual Classroom presentations. Contact ISCET at 1-800-946-0201 and ask for ED. Available 24/7.

* Please review shipping chart for shipping and handling charges.
ORDER FORM

Please allow 3 weeks for delivery when using a personal check. Money orders, MasterCard, Visa & Discover are processed within 10 business days.

*Texas residents multiply subtotal by 8.25% for sales tax.

<table>
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<th>Item</th>
<th>Item Name or Lesson Series # / Lesson Description</th>
<th>Qty.</th>
<th>Unit Price</th>
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Subtotal ________________

Shipping (see shipping chart below) ________________

Texas residents sales tax (8.25)% ________________

Total ________________

Please contact ISCET for information on a career in the electronics industry. It is a promising future!

Shipping Chart

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Note: If the shipping costs for your order exceed the listed amount, please be advised that the ACTUAL COST to ship will be charged.

Payment enclosed: _____ Check   _____ Money Order   _____ Credit Card

Credit Card Information:

_____ MasterCard   _____ Visa   _____ Discover (We are unable to accept American Express)

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Daytime Telephone Number: (______) ___________ - __________________

Please visit our website at www.iscet.org for more information about ISCET.