

1-Day Live Online Electrical Troubleshooting

LIVE ONLINE SEMINAR

Courses Available
Throughout the Year

NFPI TRAINING.COM

COST: \$595.00
INCLUDES:
 Class Manual
 Certificate of Completion



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| <p>1. <u>Basics of Electricity</u>
 Current
 Voltage
 Resistance</p> <p>2. <u>Reading Schematics & Symbols</u></p> <p>3. <u>Physics and Math of Electricity</u>
 Ohms Law ($E=IR$)
 Kirchhoff's Laws
 Power Equation ($P=EI$)
 Law of Conservation of Energy</p> <p>4. <u>Batteries</u></p> <p>5. <u>Generators</u>
 Alternator
 Generator (DC/DC)</p> <p>6. <u>Transformers</u>
 Coils and Coil Packs
 Troubleshooting</p> <p>7. <u>Conductors and Insulators</u>
 Wire Gauge
 AWG vs Metric</p> | <p>8. <u>Overcurrent Protection</u>
 Fuses
 Fusible Links
 Circuit Breakers</p> <p>9. <u>NEMA Electrical Symbols</u></p> <p>10. <u>Electrical Control Diagrams</u>
 Schematic vs Ladder Logic</p> <p>11. <u>Electrical Components</u></p> <p>12. <u>NEMA vs. IEC Electrical Symbols</u></p> <p>13. <u>Motors</u>
 Motor Starters
 Manual and Reversing</p> <p>14. <u>Wire sizing</u>
 Ampacity and Voltage Drop</p> <p>15. <u>Parallel vs Series Circuits</u></p> <p>16. <u>Multi-meters</u>
 Analog and Digital
 Ratings</p> |
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REGISTRATION FORM

PERSON TO CONTACT FOR CONFIRMATION: _____

STUDENTS: _____

COMPANY: _____ PHONE: _____ EXT: _____

ADDRESS: _____ EMAIL: _____

CITY: _____ STATE: _____ ZIP: _____

STUDENT(S) (____) @ \$595 PER PERSON \$ _____

CHECK IS ENCLOSED USE OUR PURCHASE ORDER NO. _____

VISA M/C AE # _____ EXP: _____

ENROLLMENT ARRANGEMENTS SHOULD BE RECEIVED A MINIMUM OF SEVEN DAYS PRIOR TO THE SEMINAR DATE

For more information or to register contact us: 800-704-1066 or email info@nfpittraining.com