



INTRODUCTION TO INDUSTRIAL MAINTENANCE

These online courses are designed to provide a broad range of basic information to beginning students in industrial electricity. Topics covered will include basic electrical circuits, electrical measurements, electrical relay control logic, residential and industrial wiring. The courses also provide a broad understanding of electric motor control operations. Topics covered will include interpretation of schematics, diagnostic trouble shooting, electronic sensing devices, safety, three phase power, ladder logic and timer controls. Also addressed are basic safety knowledge to obtain an "OSHA 10" card (OSHA=U.S. Occupational Safety and Health Administration). Students will access a selected online training site and complete the requirements to obtain OSHA 10 certification. An introduction to programmable Logic Controllers (PLC), topics will include: PLC operation, applications, configuration, programming examples, and troubleshooting.

WHAT WOULD MY JOB BE LIKE?

- Monitor & adjust production processes or equipment for quality & productivity
- Perform preventative or corrective maintenance on automated systems & components

POTENTIAL CAREERS

Entry Level Industrial Maintenance Technicians
Entry Level PLC Technicians

CAREER PROGRAM SUMMARY

- 10 Credit Hours
- Time to complete: 8 weeks
- Industry recognized credential:
 - Advanced Manufacturing Ramsay Corporation Assessment
- Online courses

CONTACT INFORMATION

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