



MPACT Lecture/Lab Core Courses

We believe in education vs. simple training. Technicians educated in the principles of mechanics and electronics have the knowledge to look beyond changing a part. When a new piece of equipment is brought in — something they've never seen before — they are able to troubleshoot and diagnose problems, make necessary repairs, and apply the principles of good maintenance for future operations.

Our 40+ instructor-based, hands-on lecture & lab courses go beyond specific parts and equipment ... we educate students in underlying concepts which they apply again and again, even as the technology in their working environments changes. Our class size and scheduling flexibility provides your company with individualized instruction and service. Classes run 1-10 days, with most 5 days.

INTRODUCTORY COURSES:

- Blueprint Reading and Sketching
- Systematic Troubleshooting
- Precision Methodology/NASCAR Racing...A Model for Equipment Reliability & Teamwork
- PC's For Maintenance Mechanics
- Industrial Math & Measures

MECHANICAL COURSES:

- Basic Mechanics
- Practical Mechanics
- Hydraulics
- Mechanical Pneumatics
- Electro-Mechanical Fluid Power
- Sheet Metal Layout

ELECTRICAL COURSES:

- National Electrical Code
- Basic Electricity
- Basic Electronics
- Electrical Control Troubleshooting
- DC Drives
- AC Inverters
- AC Inverter Programming & Setup
- Programmable Logic Controllers I
- Programmable Logic Controllers II

Series:

1. Digital Electronics I-IV
2. Microprocessors I-IV
3. Microprocessor Troubleshooting I-IV

OTHER COURSES:

- Pneumatic Instrumentation
- Basic Process Control
- Maintenance Management
- Maintenance Planning
- Maintenance Management for Manufacturing Managers
- Pay-for-Skills Workshop
- Leadership & Supervision of Maintenance Activities
- Shutdown Planning & Management

In addition to our regular courses, we have the flexibility to develop custom training programs and classes to meet individual customer's specific needs. We can teach the classes at our NC training facility or at a convenient location to your facility. See our website for further information (full listing, detailed course descriptions, delivery options, etc.).



2300 Meadowview Road Wrightsville Building Suite 100 Greensboro, NC 27407
Phone: 336.379.1444 • Fax: 336.379.1995 • Website: www.mpactsolutions.com

MPACT is proud to partner with Kobalt Tools