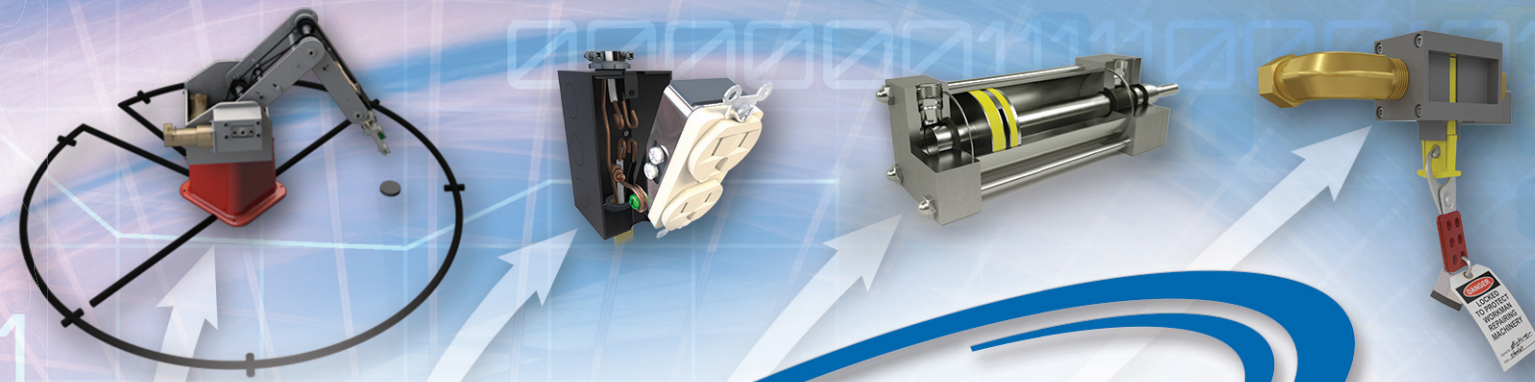# eLEARNING CATEGORIES

Amatrol's eLearning catalog features **over 1100 modules** conveniently organized into 287 courses across the categories below. These modules can also be organized into custom courses to best meet your training needs. Each course features multiple modules teaching valuable skills with each module taking between 2-3 hours to complete. Altogether, Amatrol offers **more than 3300 hours of eLearning.**

CATEGORIES	MODULES	EST. HOURS	TOPICS INCLUDE:
Automation	147	441	Mechatronics, Human Machine Interface, PLC Troubleshooting, Allen-Bradley and Siemens PLCs, Robotics and Computer Programming, Machine Vision, RFID, Barcode ID
Electrical	73	219	Motor Control, AC/DC Electrical Systems, Relay Control, Electrical Fabrication, Motor Braking, Sensors, Motor Troubleshooting
Electronics	222	666	PLCs, Electronic Drives, Motion Control, PLC Troubleshooting, Motor Drives, Power and Control Electronics, Variable Frequency Drives
Fluid Power	78	234	Hydraulic and Pneumatic Troubleshooting, Electronic Sensors, Basic, Intermediate, and Advanced Hydraulics and Pneumatics, Electro-Fluid Power Systems, Hydraulic Maintenance
Green Technology	65	195	Wind Concepts, Turbine Troubleshooting, Solar Concepts, Solar Site Analysis, Solar Thermal Troubleshooting, Solar Thermal Installation
Lean Manufacturing	34	102	5S, Total Productive Maintenance, Poka-Yoke, Lean Process Flow, Visual Workplace, Kaizen, Value Stream Mapping, Six Sigma
Machining	81	243	Machine Tools, CNC Machines, Fanuc CNC Control, Turning, Machining Centers, Grinding, Gear Manufacturing, Tapping
Manufacturing Processes	61	183	Welding, Product Finishing, Production Assembly, Print Reading, CAD, Wiring Harness Assembly, Fasteners, Gaskets, Geometric Dimensioning and Tolerancing
Materials	41	123	Plastic Mold Design, Structural Engineering, Surveying, Materials Engineering, Heat Treating, Plastics, Composites, Ceramics
Mechanical	103	309	Pump Systems, Rigging, Mechanical Drives, Central Lubrication, Mechanical Fabrication, Laser Shaft Alignment
Process Control	64	192	Thermal Process Control, Analytical Process Control, Pressure Process Control Systems, Level and Flow Process Control Systems, HART Process Control, Foundation Fieldbus Process Control
Quality Assurance	61	183	Metrology, Measurement Tools, Precision Gauging, Surface Plates, Gauge Blocks, Specialty Micrometers, Statistical Process Control
Safety	10	30	Safety Practices and Regulations, Personal Protective Equipment, Hazardous Communication, Confined Spaces, Overhead Crane Safety
Thermal	44	132	Thermal Troubleshooting, Air Conditioning / Heat Pump, Steam Systems, Geothermal Troubleshooting, Environmental Applications
Workplace Effectiveness	33	99	Enterprise Systems, Mathematics, Trigonometry, Communication Skills, Conflict Resolution, Working in Groups

AMATROL®

eLEARNING

HIGHLY INTERACTIVE — FLEXIBLE DELIVERY — CUSTOM COURSES
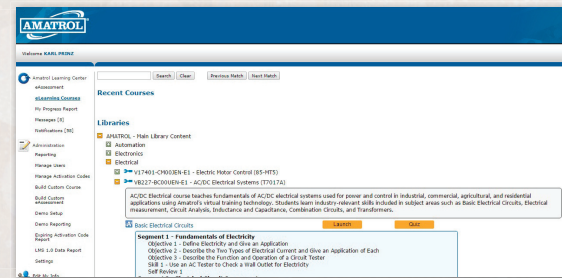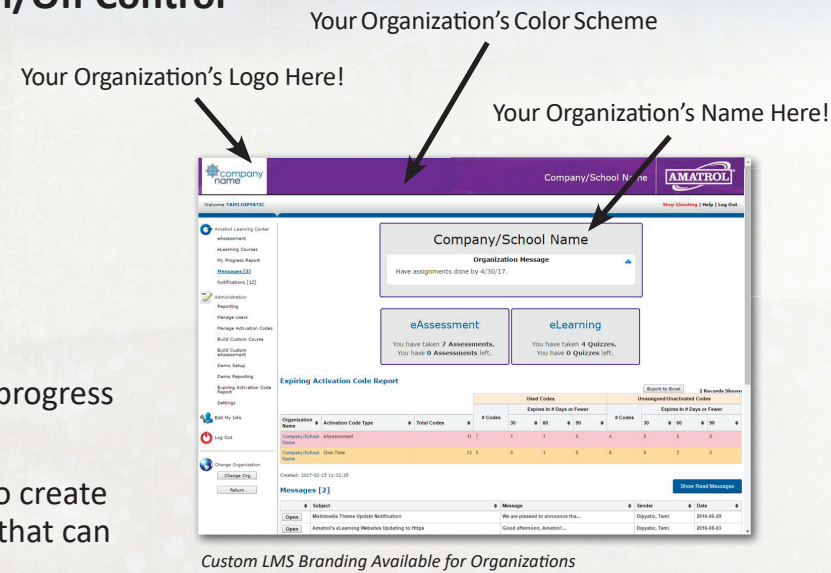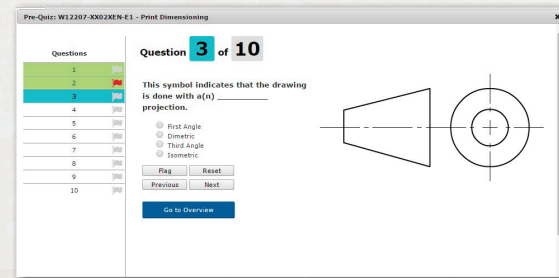**IN-DEPTH INDUSTRIAL KNOWLEDGE**

AMATROL®

Learning Management System (LMS) Included

- **User-Friendly Navigation with Skills On/Off Control**

- **SCORM to Other LMS Systems**

- **Custom LMS Branding Available**
  Put your school or organization's logo and colors on the LMS homescreen

- **Pre-/Post-Course Quizzes**
  Create a valuable metric to track progress

- **Easy-to-Use Reporting Tools**
  Customizable reporting tools will help evaluate progress

- **Custom Course Set-Up**
  Choose from thousands of eLearning modules to create an almost innumerable combination of courses that can exactly fit your training need
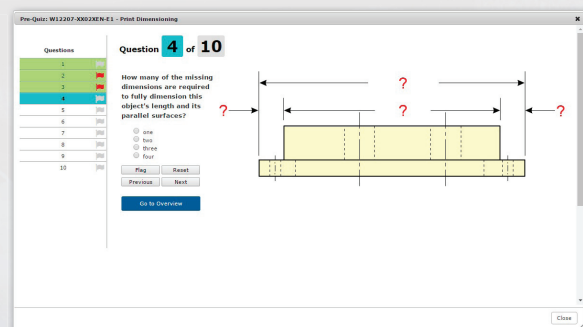
Your Organization's Logo Here!

Your Organization's Color Scheme

Your Organization's Name Here!

Custom LMS Branding Available for Organizations

Amatrol's Extensive eLearning Library

Pre- and Post-Course Quizzes

Reduce Training Cost with eAssessment

Use Amatrol's eAssessment to quickly reveal strengths and identify weaknesses. Utilize this program to assess individuals, departments, or entire organizations.

Optional Equipment for Hands-On Training and Skill-Building

Amatrol's LMS features an option to turn hands-on skills procedures on or off within the curriculum, allowing the curriculum to be used in conjunction with Amatrol's hands-on learning systems.
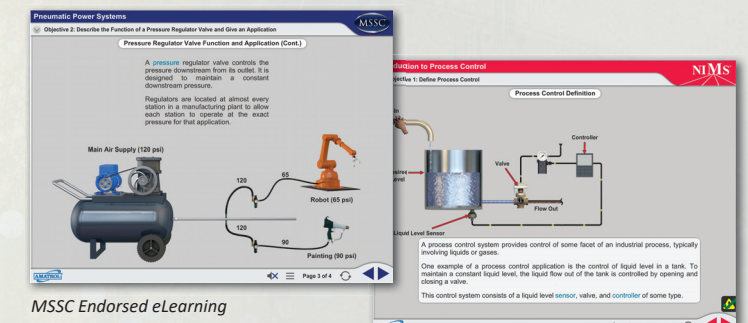
Interactive Learning?
Customizable Courses?
Flexibility of Delivery?
Amatrol eLearning Has You Covered!

Amatrol offers eLearning that has an unmatched depth of knowledge across a broad spectrum of industrial disciplines (see list of categories on back page); and these courses can be completed across multiple platforms – even outside of a classroom – and can add hands-on skills training when needed!

Interactive Multimedia

eLearning Endorsed for National Certifications

Amatrol's eLearning is endorsed by MSSC to prepare for their Certified Production Technician (CPT) certification and by NIMS for their CNC Machine Operator and Industrial Technology Maintenance (ITM) programs.

MSSC Endorsed eLearning

NIMS Endorsed eLearning

Flexible Delivery - Offer Training Anywhere!

- **Access 24/7 with an internet connection**
- **Compatible with a wide variety of tablets**

*See Amatrol.com for compatible tablets

Interactive Multimedia Promotes Learning Engagement

Using the best instructional design practices, Amatrol's eLearning utilizes a wide range of interactivity to suit anyone's learning style.

- **Solve Technical Calculations**
- **Classify Items for Applications**
- **Identify Components**
- **Knowledge Checks**
- **Identify Sequence of Operation**
- **Self-Reviews**

Sample Interactions