Amatrol’s Quality Assurance eLearning catalog features modules that cover valuable quality assurance skills conveniently organized into the courses below. Altogether, Amatrol’s Quality Assurance eLearning library offers comprehensive training and learning you can’t find anywhere else.

### BASIC MEASUREMENT TOOLS

<table>
<thead>
<tr>
<th>Hardware</th>
<th>eLearning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portable Measurement Tools Learning System (990-MES1)</td>
<td>✓</td>
</tr>
<tr>
<td>Measurement Tools 1 Learning System (950-MES1)</td>
<td>✓</td>
</tr>
<tr>
<td>Measurement Tools 2 Learning System (94-MES2)</td>
<td>✓</td>
</tr>
<tr>
<td>Measurement Tools 3 Learning System (96-MES3)</td>
<td>✓</td>
</tr>
</tbody>
</table>

**BASIC MEASUREMENT TOOLS**
- Basic Measurement, Tape Measurement, Measurement Conversion, Precision Measurement Tools, Dial Caliper, Digital Caliper, Micrometers, Dimensional Gauging, Indicator Measurement, Data Collection

### EXPANSION OPTIONS

<table>
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<tr>
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<tr>
<td>Measurement Tools 1 Learning System (96-MES1)</td>
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<tr>
<td>Measurement Tools 2 Learning System (94-MES2)</td>
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<tr>
<td>Measurement Tools 3 Learning System (96-MES3)</td>
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**EXPANSION OPTIONS**

### PRECISION GAUGING

<table>
<thead>
<tr>
<th>Hardware</th>
<th>eLearning</th>
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<tbody>
<tr>
<td>Portable Precision Gauging Learning System (990-PG1)</td>
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<tr>
<td>Snap Gauge (99-PG2)</td>
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**PRECISION GAUGING**

### EXPANSION OPTIONS

**EXPANSION OPTIONS**
- Function, Components, Calibration, Operation, Custom Shaft Measurement, Tolerances, Positive and Negative Variation

### QUALITY ASSURANCE

<table>
<thead>
<tr>
<th>Hardware</th>
<th>eLearning</th>
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</thead>
<tbody>
<tr>
<td>Quality Assurance 1 Learning System (94-QC1)</td>
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</tbody>
</table>

**QUALITY ASSURANCE**
- Basic Measurement, Precision Measurement Tools, Dimensional Gauging, Introduction to SPC, Control Chart Operation & Analysis, Tolerance Definitions

### METROLOGY

<table>
<thead>
<tr>
<th>Hardware</th>
<th>eLearning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metrology Learning System (910-QC3)</td>
<td>✓</td>
</tr>
</tbody>
</table>

**METROLOGY**
- Basic Measurement, Measurement Conversion, Precision Measurement Tools, Dimensional Gauging, Indicator Measurement, Geometric Dimensioning & Tolerancing, Feature Control Frames, Coordinate Measuring Machines, Location & Orientation Tolerances, Parallelism Tolerances, Form Tolerances, Circularity Tolerances
**Teach Control Chart and Statistical Concepts**

- Introduce learners to Control Chart Basics and Analysis, including X-Bar and R-Chart Operation
- Educate on Histogram Development and Analysis
- Advance to Basic Statistical Concepts, including Statistical Process Control (SPC) Software Operation and Application

**Precision Measurement and Gauging Tools and Concepts**

- Basic Measurement
- Dimensional Gauging
- Introduction to SPC
- Control Chart Operation & Analysis
- SPC Problem Solving
- GD&T
- Location, Orientation, & Form Tolerances
- Sources of Variation
- Including Statistical Process Control (SPC) Analysis
- Calculate Capability Index
- Assignable & System Causes
- Calculate Capability Index
- Interpret CpK
- Cause & Effect Diagrams
- Brainstorming Process
- Pareto Diagrams
- Six Sigma
- Dial and Digital Caliper
- US and SI Metric Micrometers
- Introduction to Gauging
- Indicator Measurement
- Go/No-Go Gauging Tools
- Indicator-Type Gauging Tools

**AMATROL**

- Precision Measurement Tools and Concepts
- Statistical Process Control (SPC) Analysis
- Calculate Capability Index
- Assignable & System Causes
- Calculate Capability Index
- Interpret CpK
- Cause & Effect Diagrams
- Brainstorming Process
- Pareto Diagrams
- Six Sigma
- Dial and Digital Caliper
- US and SI Metric Micrometers
- Introduction to Gauging
- Indicator Measurement
- Go/No-Go Gauging Tools
- Indicator-Type Gauging Tools

**Cover Basic Measurement Tools and Essential Skills**

- Basic Measurement
- Tape Measurement
- Precision Measurement Tools
- Dial & Digital Caliper
- Micrometers
- Data Collection

**Interactive Multimedia Curriculum**

- Measurement Tools 2 Learning System
- Precision Measurement and Gauging Tools and Concepts
- Interactive Multimedia Curriculum
- Portable Measurement Tools Learning System