Amatrol’s Manufacturing Processes eLearning catalog currently features modules that cover valuable manufacturing processes skills conveniently organized into the courses below. Altogether, Amatrol’s Manufacturing Processes eLearning library offers comprehensive training and learning you can’t find anywhere else.

### Learning Systems

<table>
<thead>
<tr>
<th>Hardware</th>
<th>eLearning</th>
<th>Topics Include:</th>
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<tbody>
<tr>
<td><strong>FASTENERS</strong></td>
<td></td>
<td>Bolt Types &amp; Grades, Fasteners &amp; Locking Devices</td>
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<tr>
<td>Fasteners Learning System (950-FNS1)</td>
<td>✔</td>
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<tr>
<td><strong>GASKETS</strong></td>
<td></td>
<td>Gasket Types, Handling &amp; Storage, Type 1 &amp; 2 T-Joints</td>
</tr>
<tr>
<td>Gaskets Learning System (950-GSS1)</td>
<td>✔</td>
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<tr>
<td><strong>CAD &amp; CAM</strong></td>
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<td>Solid Model Creation, Extruded Features, Solid Model Fillets and Chamfers, Production Drawings</td>
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<tr>
<td>Computer-Aided Design 1 Learning System - SolidWorks (96-CAD1B)</td>
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<td>Computer-Aided Design 2 Learning System - SolidWorks (96-CAD2B)</td>
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<td>3D Assemblies, Standard Mates &amp; Component Manipulation, Smartmates, Exploded Assemblies</td>
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<tr>
<td>Computer-Aided Manufacturing 1 Learning System (96-CAM1)</td>
<td>✔</td>
<td>CAM-Mill, Contour CAM Toolpath, CAM Parameters, Drill &amp; Pocket Toolpath</td>
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<tr>
<td><strong>PRINT READING</strong></td>
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<td>Sketching &amp; Multiview Drawings, Print Dimensioning, Assembly Drawings &amp; Fasteners</td>
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<td>Print Reading 1 Learning System (950-PR1)</td>
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<tr>
<td><strong>CONTAMINATION</strong></td>
<td></td>
<td>Contamination Control Concepts, Identification, Handling, Prevention</td>
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<tr>
<td>Contamination Learning System (950-CNS1)</td>
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<tr>
<td><strong>WELDING</strong></td>
<td></td>
<td>Welding Preparation, Basic Welding, Welded Joints, Welding Analysis</td>
</tr>
<tr>
<td>Welding Technology Learning System (950-WT1)</td>
<td>✔</td>
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</tr>
</tbody>
</table>
Cover Welding Operation, Safety, and Analysis
- Teach Welding Preparation, Including Safety, Angle Grinder Preparation, and Workpiece Preparations
- Provide Basic Hands-On Welding Skills, Such As Welder Set-Up, Adjustments, Track Welds and Butt Joint Welds

Understand Industrial Gaskets & Seals and Their Typical Uses
- Teach Gasket Selection, Installation, and Storage
- Focus on T-Joints & Integration and Isolation Seals

Provide Fundamental Knowledge of Component & Fluid Handling and Storage
- Contamination Control Concepts and Contamination Measurements
- Advance on to Component Handling and Contamination Identification, Before Finishing with Facilities and Workstation Cleanliness

Teach Print Reading and Dimensioning
- Introduce Learners to Print Reading, Including Sketching, Multiview Drawing and Line Types
- Features Print Dimensioning, Including: Print View Selection, Dimensioning Rules and First-Angle Projection
- Teach Skills Including Geometric Dimensioning & Tolerancing

Learn Industry, Print Reading 1, CAD, CAM, and More

AMATROL®

Dimensioning
First-Angle Projection
Multiview Drawing
Line Types
Print View Selection
Print
Cam-1 Learning System (950-CAM1)
CAM 2 Learning Systems (96-CAM2)

Welding Technology Learning System (950-WT1)
Gaskets Learning System (950-GSS1)
Seals and Their Typical Uses
Understand Industrial Gaskets & Seals and Their Typical Uses
Offer Interactive CAD and CAM Training and Skill-Building
- Offers Courses on 3D Assembly, Smartmates and Mate Editing, and Assembly Motion
- Teach Solid Modeling, Extruded Features, Production Drawings, Cam-Mill and Cam Parameters.

Teach Print Reading and Dimensioning
- Introduce Learners to Print Reading, Including Sketching, Multiview Drawing and Line Types
- Features Print Dimensioning, Including: Print View Selection, Dimensioning Rules and First-Angle Projection
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#### Key Points:
- **Welding Technology Learning System (950-WT1)**
- **Gaskets Learning System (950-GSS1)**
- **Seals and Their Typical Uses**
- **Understand Industrial Gaskets & Seals and Their Typical Uses**
- **Offer Interactive CAD and CAM Training and Skill-Building**
- **Teach Print Reading and Dimensioning**
- **Provide Fundamental Knowledge of Component & Fluid Handling and Storage**
- **Develop Knowledge on a Variety of Fasteners and Their Applications**
- **Cover Welding Operation, Safety, and Analysis**

**AMATROL®**

- **Dimensioning**
  - First-Angle Projection
  - Multiview Drawing
  - Line Types
  - Print View Selection
  - Print

- **CAD Learning Systems (950-CAD1B)
CAM 2 Learning Systems (96-CAM2)**

#### Additional Resources:
- **Print Reading 1 Learning System (950-PR1)**
- **Fastener Learning System (950-FNL1)**
- **Contaminant Learning System (950-CNL1)**

#### Educational Focus Areas:
- **Welding Technology**
- **Gaskets & Seals**
- **Industrial Skills**
- **CAD/CAM Training**
- **Print Reading & Dimensioning**
- **Contamination Control**

**Proven Manufacturing Processes Training Builds Industry-Applicable Skills**

- **Training and Skill-Building**
- **Welding**
- **Gaskets**
- **Seals**
- **CAD/CAM**
- **Print Reading & Dimensioning**
- **Contamination Control**

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*Images and illustrations may depict various learning systems and educational tools used in the training environment.*