


# Value Stream Mapping | Interactive eLearning

Value Stream Mapping - WXLM308-XX01XEN-E1

Objective 4: Define a Value Stream and Explain Its Significance

**Value Stream**



A value stream is the set of all necessary activities in a process that transforms raw materials or other resources into a product or service that has value to a customer.

This usually includes everything that occurs from the point of customer order to receipt of payment for the delivered product or service.

The main value stream components are suppliers, material flow, information flow, inventory, processes, shipping, and customers.

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## eLearning Course: MXLM308

Amatrol's Value Stream Mapping eLearning Courseware (MXLM308) covers topics like Value-Added Processes, Current State Value Stream Mapping, creating and implementing a Future State Value Stream Map, and the preparation and implementation of Value Stream Mapping. Within these topics, learners study objective like: using a Kano Model to classify customer requirements; identifying Value Stream Map Icons; interpreting and defining the importance of a Product Family Matrix; applying a Product Family Matrix; using a Line Balance Chart; tabulating a Value Stream Box Score; calculating a Value-Added Ratio; and creating and analyzing SIPOC diagrams and Swim Lane Flow Charts.

Value Stream Mapping is a key process analysis tool used throughout the implementation of lean production. Value stream maps feature graphical representations of all necessary activities in a process that transforms raw materials or the other resources into a product or service that has value to a customer. This usually includes everything that occurs from the point of customer order to receipt of payment for the delivered product or service.

## Teach Lean Manufacturing Skills

### Essential Knowledge Connected to Real-World Skills

Amatrol's online training curriculum is unique in that it thoughtfully combines in-depth theoretical knowledge with practical, hands-on skills. This powerful combination of knowledge and skills solidifies understanding and creates a strong foundation for pursuing more advanced skills.

### What is a Value Stream?

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## Highly-Interactive Multimedia

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### Highly-Interactive Multimedia Format Appeals to All Learning Styles

Amatrol's [eLearning curriculum](#) features a highly-interactive multimedia format. Stunning 3D animations, videos, pictures, voiceovers of all text, and interactive quizzes and exercises bring learning to life. Amatrol's multimedia curriculum contains elements that will appeal to every learning style, keeping learners motivated and engaged.

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#### Address

**Amatrol  
2400 Centennial Blvd  
Jeffersonville, IN 47130**

#### Contacts

**email: [contact@amatrol.com](mailto:contact@amatrol.com)  
phone: (800) 264 8285**