

Advanced Hand Tools Training System | Hands-On Assembly Skills



Learning System: 96-MPF2

Amatrol's Mechanical Fabrication 2 Learning System (96-MPF2) adds to Mechanical Fabrication 1 to expand a learner's knowledge of hand tools. This Mechanical Fabrication training system covers more sophisticated assembly training and components including fasteners, torque wrenches, power tools, and many more. This hand tools training system expands on basic hand tools used in assembly.

This basic hand tools training system includes a bench vise, torque wrench, cordless drill, dead blow hammer, needle nose pliers, and more. Learners use these real-world components to practice skills like using a vise to hold parts during assembly, performing an assembly task with pliers, and using a twisted safety wire to lock a nut. This assembly skills training system also includes interactive multimedia curriculum, an instructor's assessment guide, an installation guide, and a student reference guide.

Teach Hands-On Skills

Gain Hands-On Fabrication Skills Like Using a Portable Drill to Tighten Fasteners

This hands-on training system allows learners to practice installing a snap ring, using a dead blow hammer to perform an assembly task, assembling two parts using a key fastener, and using a torque wrench and backup wrench to tighten fasteners.

Safety Emphasized at All Levels

This system teaches proper fabrication techniques as well as focuses on the importance of safety in using these techniques. It can be easy to be injured and/or break a tool if the tool is used improperly. The curriculum emphasizes safety rules and step-by-step tutorials to ensure the safety of learners and proper usage of tools.

Interactive eLearning

Highly-Interactive Multimedia Covers Topics Like The Operation of Cotter Pins

The Mechanical Fabrication training course is presented in an [interactive multimedia](#) format for both theory and hands-on tutorials and features text, video, 3D animations, online self-review tests, and interactive simulations. Within this curriculum, learners study topics like the construction and operation of pliers, the operation and installation of a snap ring, and the operation of clevis, taper, shear, and slotted spring pins.

Free Learning Management System (LMS)

Amatrol eLearning is easy-to-use for both students and instructors. Its web-based interface is simple to navigate and available on any WebGL-compatible Internet browser. Instructors love Amatrol eLearning for its simple, yet sophisticated Learning Management System (LMS). The LMS allows instructors to create custom courses, monitor student participation, track course progress, assess knowledge levels prior to a course, and test knowledge levels after completion. Learners appreciate the fact that they can start and stop as needed, moving through each Amatrol course at their own pace. If a self-review reveals that they didn't understand a particular topic as well as they thought they did, they can revisit it before moving on.

Additional Info



Requires:

- Mechanical Fabrication 1 Learning System (96-MPF1)
- Computer (see [Computer Requirements](#))

Utilities:

- Electrical (120 VAC/60 Hz/1 phase)

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