Manufacturing System Simulator
Introduces The Fundamentals of Real World Integrated Systems

Robotics

Safety

Pneumatics

Hydraulics

Lubrication

ADVANCED MANUFACTURING TECHNICAL EDUCATION COLLABORATIVE
Advanced Manufacturing System Simulator

Provides Almost Limitless and Increasingly Complex System “Soak Time” to Develop a Mastery Level of Understanding of a Complete Integrated Manufacturing System
Advanced Manufacturing System Simulator

Provides Components and Sub-Systems in Context with Real World Manufacturing

- Variable Frequency Drives
- Process Logic Controller
- Human Machine Interface/Controls
- Safety Circuits
Manufacturing System Simulator

The AMTEC Manufacturing System Simulator was designed and built with flexibility and variety in mind by AMTEC Industry Partners. This equipment was developed as a platform for troubleshooting and safety training as well as reinforcing basic principles learned in a classroom environment. The Simulator was specifically designed to support AMTEC curriculum and can support Allen Bradley Programmable Logic Controls and Siemens Programmable Logic Controls.

The Simulator will support technical training at a variety of institutions including schools and manufacturing facilities. It is a viable platform for “Lean Manufacturing” training and is adaptable to local needs and transportable. Relevant training is easily matched to the Simulator.

FANUC America Corporation is the official retailer for the AMTEC Manufacturing Simulator. This exclusive package to all AMTEC education partner locations provides:

- The complete AMTEC Integrated manufacturing Simulator (IMS) trainer with FANUC LR Mate Robot and R30i Controller
- Partner schools will be supplied with 25-50 FANUC ROBOGUIDE Simulation Software licenses and ROBOGUIDE eLearn training at no additional cost
- FANUC (an IACET provider) will certify the instructor in FANUC Handling Tool Operations and Programming and in-turn, the instructor can provide students the same industry recognized FANUC endorsed certification
- Instructor will receive CEU credits for their FANUC training and certification
- Partner schools will have local service and sales support provided by FANUC and/or FANUC’s Education Authorized Reseller
To order an AMTEC Integrated Manufacturing Simulator please email Jason.Simon@kctcs.edu or call 270-686-4616 and request to speak with an AMTEC representative.

Please visit AMTECworkforce.org to learn more about AMTEC!