

BRIDGING THE GAP: ACADEMY OF ADVANCED MANUFACTURING

FROM SOLDIER TO INSTRUMENTATION, AUTOMATION & CONTROLS TECHNICIAN:
Honing critical skills from battlefield to brownfield or greenfield

SOLDIER

Disciplined, Reliable, Problem-solver, Logical Thinker,
Implementer, Troubleshooter, Team Player



INSTRUMENTATION, AUTOMATION & CONTROLS TECHNICIAN

Designs, Builds, Installs, Programs, Operates,
Calibrates, Maintains, Troubleshoots, Repairs

Basic electrical or mechanical background;
Technical aptitude in Computing, Monitoring, Instrumentation, or Mechanics

First-level on-site support of factory floor automation

Basic automation knowledge
Able to describe operational situations in logical detail

Understands, troubleshoots, and extends automation programming

Accountable and adaptable
Achieves results in a dynamic environment

Supports implementation of new installations,
maintenance projects, and system upgrades

Strong work ethic
Successful individual contributor and team player

Interacts with key engineering resources, complementary trade resources,
factory management, Quality, and Information Technology

Desktop computing competency and hardware/software experience
Basic system setup, troubleshooting, and maintenance

Provides routine preventive / corrective maintenance
of manufacturing equipment and performs diagnostic testing

Competency in preventive maintenance and break/fix process

Identifies spare parts requirements