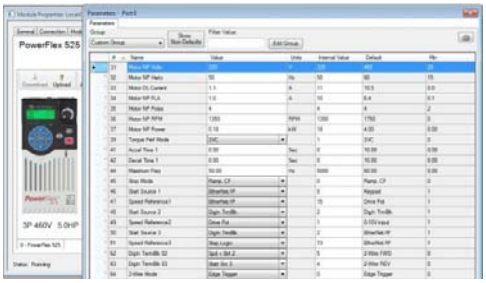
Intro to Variable Frequency Drives
Featuring the Allen Bradley PowerFlex 525

An overview of operation, setup and troubleshooting of a Variable Frequency Drive (VFD) using the Allen Bradley PowerFlex 525.

This 16 hour course is designed to train personnel responsible for the operation and basic troubleshooting of Variable Frequency Drive systems, in order to become more effective troubleshooters on production equipment. The trainees will learn how to wire, program and troubleshoot the Allen Bradley PowerFlex 525 Variable Frequency Drive hardware.

AC Motor Basics • Reversing and Speed Variables • Construction and operation • Motor Nameplate data Review • Motor Starting and stopping characteristics • Overloading a motor • Testing and basic troubleshooting	**VFD Basics** • Types of Variable Frequency Drives • Sections within a Variable Frequency Drive • Terminals on a Variable Frequency Drive • The DC Bus and safety issues • Variable Frequency Drive Converters and DC Bus • Inverter characteristics
VFD Parameter Basics • Human Interface Module (HIM) • Accel, Decel, V/Hz ratio, Boost, etc. • General drive setup parameters • Wiring configurations • Lab demonstrations 0-10VDC/4-20mA • Speed control inputs and options • Use of Allen Bradley drive configuration software	**Applications** • Conveyor • Feed Screws • Exhaust Fans

When: Feb. 22-23, 2017 – 8:00 am – 4:00 pm
Where: Northwest State Community College, Archbold, Ohio
Cost: $760.00 per student
AMC Member Discount $695.00 per Student
*Continental Breakfast & Lunch Provided
To register email twolf@northweststate.edu
Or by phone 419-267-1219



Not an Advanced Manufacturing Consortium Member yet? Join now at www.connectwithamc.com and take advantage of the discounted members only pricing!