GE MK VI Speedtronics
This four-day course describes the GE MK VI Speedtronics control system that supports the plant turbine operation. This is a technician-level course for both operating and maintenance personnel, providing the knowledge base necessary to begin working on equipment.

I. System Overview
   · Functional Description
   · Control Panel Features and Controls
   · Control Panels and Definitions
   · Generator Control Panel
   · Motor Control Center
   · Supervisory Remote Equipment
   · Annunciator System

II. Tools
   · ToolBox
   · CIMPLICITY HMI
   · Controller

III. Gas Turbine Operator Commands
   · Operating Mode Commands
   · Cooldown Cycle Commands
   · Gas Turbine Unit Commands
   · Gas Turbine Load Commands
   · Fuel Commands

IV. Control System and Operation
   · Control System Operation
   · Control System Overview

V. Fuel Control System
   · System Operation
   · Liquid Fuel System

VI. Turbine Protection Systems
   · Trip Oil
   · Overspeed Protection
   · Overtemperature Protection
   · Flame Detection and Protection System
   · Vibration Protection
   · Combustion Monitoring

VII. Operator Screens and Operating Procedures
   · Operator Screens
   · Operating Procedures