The goal of this course is to learn how to configure a control project with MR Series, using S+ Engineering for Melody tool.

Learning objectives
Upon completion of this course, students will be able to:
- Explain the MR Series or HR Series system architecture and the function of the various components
- Use the main Operating and Monitoring function blocks
- Configure a S+ Engineering for Melody control project
- Navigate through S+ Engineering for Melody project
- Create a Process Point
- Create, edit, release and commission a Function Diagram
- Configure Binary Monitoring function
- Configure Analog Monitoring function
- Configure Individual Drive function
- Configure Closed Loop Control function
- Configure Sequential Function Chart (SFC)

Prerequisites
Students shall know the fundamentals of working with Control Systems and have basic knowledge of current Microsoft Operating Systems and networking technologies.

Successful completion of the S331 course is required unless a prerequisite exemption is requested and granted by the instructor.

Topics
- S+ Engineering Melody control project
- Process Point
- Function Diagram
- Binary, Analog, Drive and Control functions
- Sequential Function Chart (SFC)
- Program, station and task assignment
- Global and local variables

Participant profile
This training is designed for system and application engineers, commissioning and maintenance personnel, service engineers and system integrators.

Course type and methods
This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course entails hands-on lab activities.

Duration
4 1/2 days
## Agenda

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