

# CENTUM VP FOR PRODUCTION EXCELLENCE

This course is designed to give participants the fundamental knowledge on the operation and functions of the Centum VP system. It also provides an overall understanding of the configuration and engineering functions.

**Course Code** VPPE

**Duration** 5 days

**Max Class Size** 12

**Prerequisite** Participants should preferably have some basic knowledge on process measurement and control.

## Who should attend this course?

For operators, plant operation specialists and engineers who need to operate the Centum VP system and want to gain a general understanding of the engineering features of the system for future improvements.

### Day 1

Centum VP system overview  
Centum VP hardware description  
Window panel operation, part 1  
- Browser Bar  
- System Message Banner  
Consolidated Alarm Management Software for HIS (optional)  
Laboratory work: Operation exercises on standard panels

### Day 2

Window panel operation, part 2  
- Trend View  
- Regulatory Control Function  
- Tuning View of Function Block  
- Sequential Control Function  
Laboratory work : Operation exercises on feedback and sequence control

### Day 3

Window panel operation, part 3  
- Process / Historical report  
- System status display  
- HIS Setup  
Laboratory work : Operation exercises on report, HIS setup

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## Day 4

Project creation and attribute utility  
Control drawing builder  
Laboratory work : FCS configuration, I/O module definition, Regulatory control generation

## Day 5

Regulatory control function  
Sequence control function  
Laboratory work: Sequence control generation, Logic control generation  
Graphics builder