



# **Customer Training Catalog Training Programs C&C08**



**HUAWEI**  
**HUAWEI Learning Service**  
**2015**

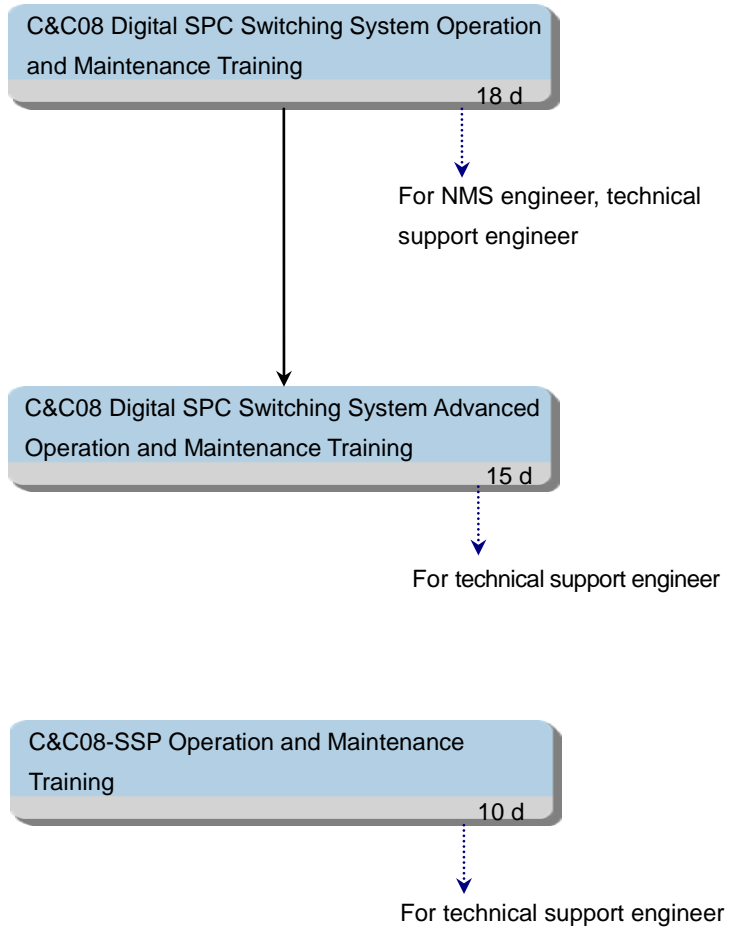


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# 1 Training Path

## 1.1 C&C08 Training Path



- ⋯→ For Target
- Training Upgrade

## 2 Training Programs

C&C08 Training Programs are designed as follows:

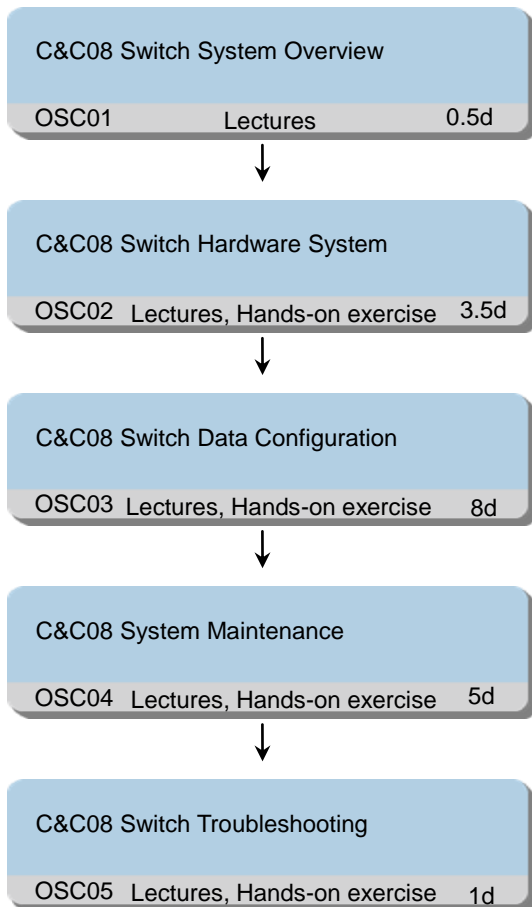
Training Programs	Level	Duration (working days)	Training Location	Class Size

<b>C&amp;C08</b>				
C&C08 Digital SPC Switching System Operation and Maintenance Training	II	18		6 ~ 12
C&C08 Digital SPC Switching System Advanced Operation and Maintenance Training	III	15		6 ~ 12
C&C08-SSP Operation and Maintenance Training	II	10		6 ~ 12

## 2.1 C&C08 Training Programs

### 2.1.1 C&C08 Digital SPC Switching System Operation and Maintenance Training

#### Training Path



#### Target Audience

NMS operator, Technical support engineer

#### Prerequisites

- Being familiar with Windows operating system
- Having the basic knowledge of telecommunication
- At least one year of experience in the operation or maintenance of SPC switch

#### Objectives

On completion of this program, the participants will be able to:

- Explain the basic principle and structure of the C&C08 Switch system.
- Outline the performance of C&C08 Switch system.
- Perform the troubleshooting for minor faults.
- Explain the alarm subsystem and perform the routine operation.
- Perform the various tests and analyze the test results.
- Use the common tools in the maintain subsystem.
- Perform the routine operations in the bill management subsystem.
- Perform the routine operations in the traffic statistics subsystem.
- Perform the routine maintenance tasks.
- Set and maintain the office data.
- Set and maintain the user data.
- Set and maintain the trunk data.
- Set and maintain the charging data.
- Describe the system structure at module, frame and board level and the performance features of C&C08.
- Identify the hierarchy and network architecture of AM/CM.
- Explain the system resource allocation, the control architecture and the communication process of SM.
- Identify the general hardware structure of C&C08.

#### Duration

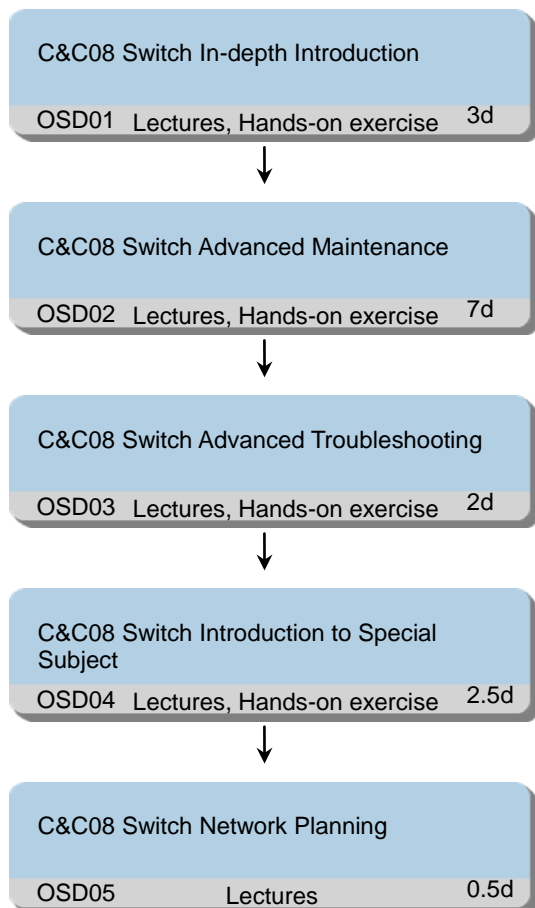
18 working days

#### Class Size

Min 6, Max 12

## 2.1.2 C&C08 Digital SPC Switching System Advanced Operation and Maintenance Training

### Training Path



### Target Audience

Specialist

### Prerequisites

Having completed the C&C08 Digital SPC Switching System Operation and Maintenance Training

At least one year of experience in the operation or maintenance of SPC switch

Being familiar with Windows operating system

Being familiar with the basic knowledge of telecommunication

### Objectives

On completion of this program, the participants will be able to:

- Describe the planning and configuration principle of C&C08 switch.
- Describe the network management principle of C&C08 switch.
- Perform the basic design of C&C08 switch according to requirements.
- Describe the detailed call process of C&C08 switch.
- Describe the principle of trunk line hunting.
- Describe the MTP and ISUP principle.
- State the general procedures and methods of troubleshooting.
- Describe the alarm information and use the maintenance tool for troubleshooting.
- Perform troubleshooting for various faults.
- Perform the whole system hardware configuration.
- Perform the whole system software installation.
- Perform the advanced data setting such as number change, call failure process and auxiliary signaling.
- Describe the principle of software parameter.
- Describe the knowledge of Windows NT and SQL Server.
- Describe the loading procedure of C&C08 hardware system.
- Describe the principle of C&C08 clock system.
- Describe the principle of C&C08 charging system.

### Duration

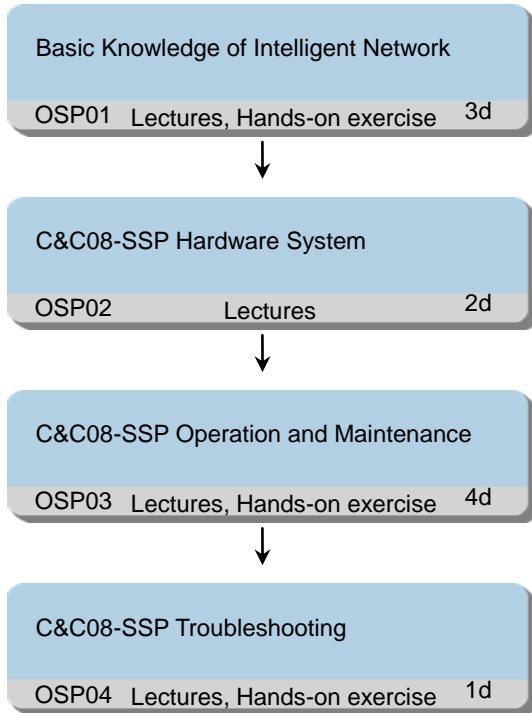
15 working days

### Class Size

Min 6, Max 12

## 2.1.3 C&C08-SSP Operation and Maintenance Training

### Training Path



### Target Audience

C&C08 SSP technical support engineer

### Prerequisites

At least one year of experience in the operation or maintenance of SPC switch

Being familiar with computer operation and Windows operating system

Being familiar with the basic knowledge of telecommunication

### Objectives

On completion of this program, the participants will be able to:

- Describe the basic architecture of C&C08 SSP

hardware.

- Describe the hierarchy and network architecture of AM/CM.
- Describe the system resource allocation, the control architecture and the communication process of SM.
- Identify the general hardware structure of C&C08 SSP.
- Analyze the general malfunction of the C&C08-SSP system.
- Perform the troubleshooting of the C&C08-SSP system.
- Describe troubleshooting flow of the C&C08-SSP.
- Describe the basic architecture of C&C08 SSP hardware.
- Describe the hierarchy and network architecture of AM/CM.
- Describe the system resource allocation, the control architecture and the communication process of SM.
- Identify the general hardware structure of C&C08 SSP.
- Describe the basic knowledge of SS7 signaling system.
- Describe the basic knowledge of SCCP, TCAP and INAP protocol.
- State the application of SS7 in the IN system.

### Duration

10 working days

### Class Size

Min 6, Max 12