

Test Project

Information Network Cabling

Module 2

Structured cabling system

Submitted by: Anita WANG, Independent Test Project Designer
Takuo KIKUCHI, Skill Competition Manager

Contents

Introduction.....	3
Description of project and tasks	3
Instructions to the Competitor	4
Equipment, machinery, installations, and materials required	5
Marking Scheme.....	5
Other	5

Introduction

This Test Project consists of the following documents/files, which are provided as digital files:

- Fig.M2_1_Overview.pdf :
- Fig.M2_2_Cable root.pdf:
- Fig.M2_3_Install position.pdf:
- Fig.M2_4_STP diagramM2.pdf: Tablet
- Fig.M2_5_UTP diagram 2.pdf: Tablet
- Fig.M2_6_VOICE diagram 3.pdf: Tablet
- Doc.M2_1_Quality management result report.xls: PC

Description of project and tasks

Module 2 assumes that a xTP structured cabling system is to be newly established in a building as shown in Figure 1.

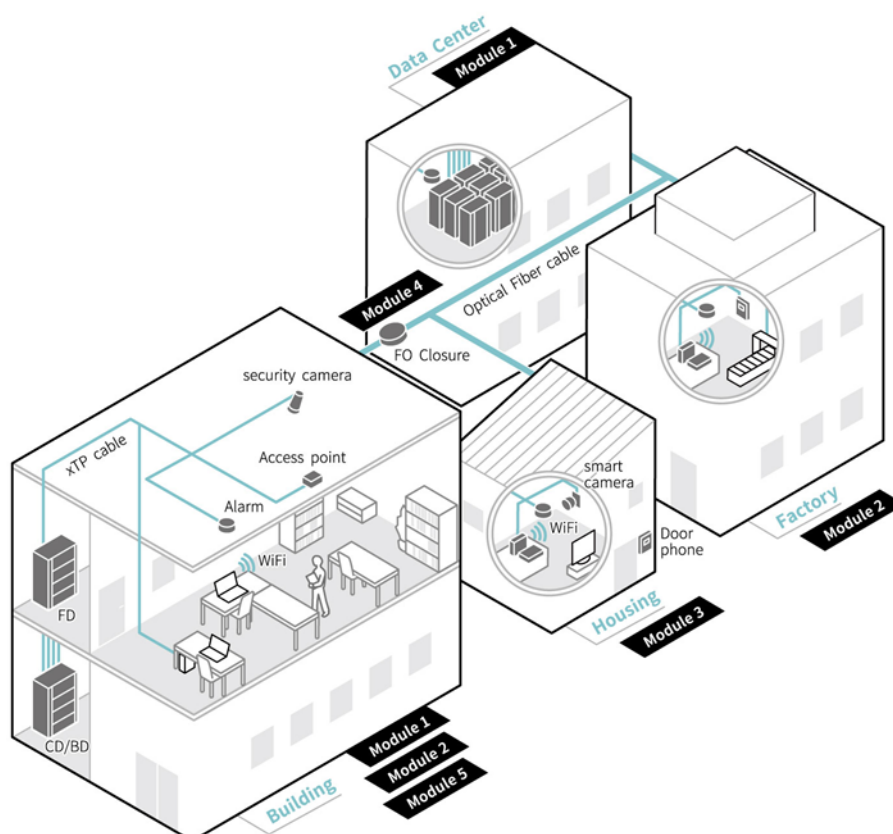


Figure 1. Scope of module 2.

Instructions to the Competitor

The competition time is 5 hours 30 minutes in total.

The scope of construction is as presented in Figure 2. Complete the Module based on the Construction Standard Specification for Module Implementation and the cable connection diagrams.

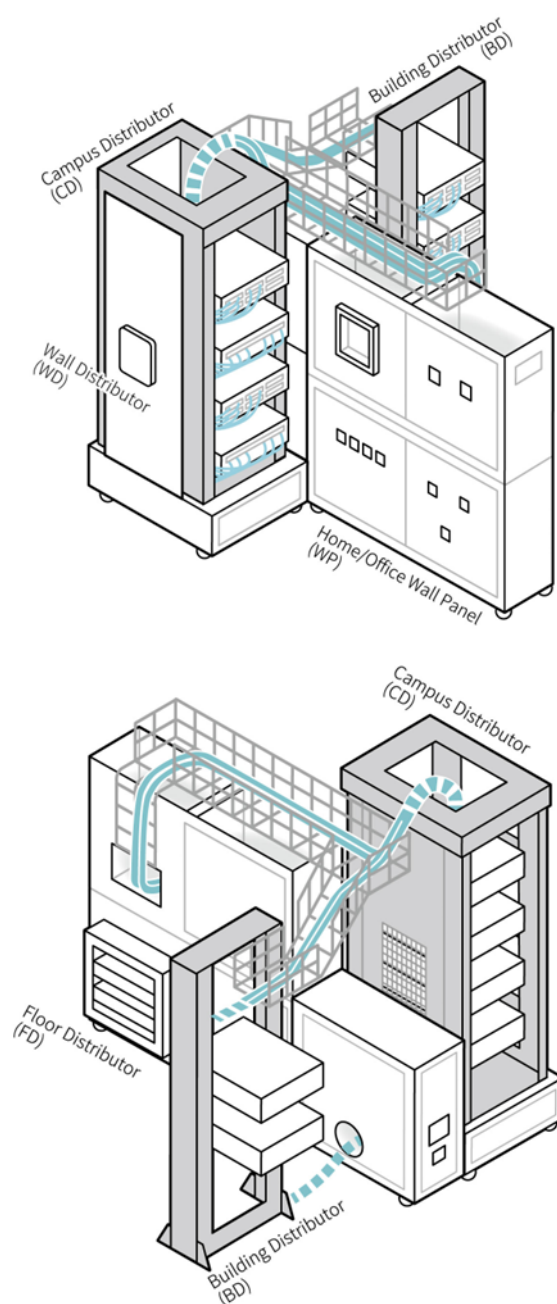


Figure 2. Schematic drawing of module 2.

[1]. Task Sequence

The following sequence must be strictly followed:

1. The followings must be made:

[Connection diagram] Fig. M2_4~6

- Connection Diagram and necessary items must be described, referring to Fig.M2_1_Overview.
 - The scope for description must be links of individual cables in Fig.M2_1_Overview.
 - As the Diagram is also a Construction Plan, description must be limited to the part that you can construct within the competition time. The plan must be carefully made considering that everyone must tidy up, clean, and push the completion button at the end of competition.
2. Those who completed "1" above can start construction. Submission is not necessary at this point. No specific construction sequence is designated from this point on.
 3. The followings must be made after finishing construction:

[Connection diagram (result)] Fig.M2_2_4~6

- This is the same file as the Connection Diagram created in 1 above. Any change made on the diagram created in 1 above must be written in red. If there is no change, put a circle (○) "Result" on the left top.
- Each file with ○ must be put in the folder "Diagram" and compressed.

[Quality management result report] Doc.M2_1.xls6

- Necessary items must be described.
 - The file of DSX certification test result must be put in the folder "DSX results" and compressed.
4. Uploading to the system(<https://skill02worldskills.com/>). Necessary files are as follows:
 - Doc.M2_2_Quality management result report.xls
 - Diagram.zip
 - DSX result.zip
 5. Final check for tidying-up and cleaning.
 6. Push the completion button.

Equipment, machinery, installations, and materials required

Materials and equipment not listed in the infrastructure list are not used in this module.

Marking Scheme

Total marking score for Module 2 is "X". "Construction Standard Specification for Module Implementation" is referable for marking criteria.

Other

- Competitors must comply with the matters prescribed in the competition guideline 2022SE.