

Syllabus For MODULAR FURNITURE ASSEMBLER

Course Name	Modular Furniture Assembler
SECTER	FURNITURE & FITTINGS
SUB SECTER	MODULAR FURNITURE
Course Code	FAF/2023/MOFA/142
Job Description	Production Modular furniture
Course Duration	240 Hrs. (T - 60, P - 180)
Trainees Entry Qualification	Passed 8 th class examination with minimum experience in relevant field.
Trainers Qualification	Minimum 10 th pass with 03 years Diploma in Civil/ Mechanical Engineering from AICTE/ recognized board of technical education or relevant Advanced Diploma (Vocational) from NCVT with two-year experience in the relevant field. OR NTC/ITI passed in the trade of "Carpenter" with Two years' experience in the relevant field.
Training Outcomes	<ol style="list-style-type: none">1. Able to use carpentry hand tool and power tool2. Able to assemble different modular parts.3. Able to install fittings, mouldings, finishing accessories.4. Able to perform post installation assessment and review

CONTENT

EVOLUTION OF WOOD IN FURNITURE INDUSTRY

Wood processed in Traditional way / Conventional way
Applications of Wood processed in Traditional way
Wood processed in Modern way
Engineered Wood Work pieces

ENGINEERED WOOD – SPECIAL ADVANTAGES

Engineered Wood special advantages

CARPENTRY HAND TOOLS

Tools for carpentry (basic level)
Marking and measuring tools
Holding tools
Cutting tools
Miscellaneous tools

CARPENTRY POWER TOOLS

Power Tools for a Modular Cabinet Assembler
Drill Machines, Driving bits & Drilling bits

TRADITIONAL FURNITURE

What is Traditional furniture & examples?

MODULAR FURNITURE

What is Modular furniture?
Why Modular furniture?
Modular furniture examples
How Modular Furniture made?

APPLICATION AREAS OF FURNITURE IN GENERAL

Where Modular Furniture used?

EVOLUTION OF INDIAN KITCHEN

Kitchen & its types
Evolution of Indian Kitchen over the years
Traditional Kitchen Vs Modular Kitchen
Modular Kitchen – benefits to assembler
Modular Kitchen – benefits to customer

MODULAR FURNITURE ASSEMBLER

Modular Furniture Assembler

KNOWLEDGE REQUIREMENT

Basic Mathematics
Geometric Shapes, angles, measurements
Calculation of Area / Volume / Circumference of shapes
Calculation of weight of panels
Pythagoras Concept

JOB DESCRIPTION AND SKILLSETS

Job description of Modular furniture assembler
Skills required for being a Modular furniture Assembler
Personal Attributes Expected for the Job Role

RESPONSIBILITIES

Responsibilities of Modular furniture assembler
Day to Day Activities
Instructions to use tools
Preventive measures
Safety tips
Customer friendly approach

UNDERSTANDING AND EXECUTION OF KITCHEN

Process flow chart – Workspace preparation
Interpretation of symbols in a drawing
Understanding Kitchen Drawing
Site Measurements
Verification of drawing with the site
Identification and segregation of material at site
Arranging the material & cleaning the site for working

CABINET ASSEMBLY & HARDWARE INSTALLATION

Process flow chart
Assembly of Modules
Modular Hardware Installation
Placement & joining of cabinets
Shutter / Drawer / Door / Pull out facia Installation

POST INSTALLATION ASSESSMENT

Process flow chart – Post installation assessment
Assessment of installation as per drawing
Checking alignment and functionality
Preparing the final report
Handing over the site

CABINET CONSTRUCTION IN DETAIL

Cabinet & its types
Illustration of different cabinet types
Identification of Panels - for assembly

CONNECTING FITTINGS

Cabinet Connecting fittings
Shelf support fittings
Clading / Wall paneling fittings
Hanging cabinet fittings
Legs

SCREWS

Knowledge on Screws
Types of Screws
HePo Screws Portfolio
Screw Installation

Furniture Fittings

Hinges
Drawer Runners
Flap Fittings
Waste bin
Aluminium profile
Cube
Drawer Systems
CargoTech
Kitchen Accessories and Storage Units
Sliding / Slide line
Sliding Folding
Grant fittings