







APPRENTICESHIP CURRICULUM (OPTIONAL TRADE)

Furniture and Fittings

Assistant Carpenter

Course Code: C0082200018

⊠NAPS □Non-NAPS

NSQF Level: 3



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Course Details

1.	Course Name	Assistant Carpenter					
2.	Course Code	CO082200018					
3.	Apprenticeship Training Duration: (2 to 4 weeks of BT is embedded in this duration as per the requirement of the establishment)	Months: 9 Months					
	Remarks						
4.	Credit	TBD					
5.	NSQF Level (Mandatory for NAPS)	3 NSQC Approval Date: 30 th September 2021					
6.	Related NSQF aligned qualification details	S. No. QP/ Qualification/ NOS QP/ NOS Code & NQR Code Name (As applicable) Version					
		1 Assistant Carpenter FFS/Q2201 2021/WC/FFSC/04554					
7.	Brief Job Role Description	The Assistant Carpenter plays the primary role of assisting in the preparation worksite, fabrication, assembly, finishing, and installation of the products on the worksite. The person is responsible for loading, unloading, moving, and storic required materials, tools, and equipment. The individual will also perform addition tasks as delegated by the senior carpenters in construction, maintenance, repairing remodeling at the worksite.					
8.	NCO-2015 Code & Occupation (Access the NCO 2015 volumes from: https://labour.gov.in/organizationsofmole/directorate-general-employment-training-dget)	7115.0300 & Carpenter, Structural					
9.	Minimum Eligibility Criteria (Educational and/ or Technical Qualification)	5th Class with 1 Year of relevant experience OR Certificate-NSQF (Level 2- General Assistant- Furniture and Fittings Installation) with 6 Months of relevant experience					
10.	Entry Age for Apprenticeship	16 years					
11.	Any Licensing Requirements (wherever applicable)	N.A.					

12.	Is the Job Role amenable to Persons with Disability	⊠ Yes □ I	No					
		If yes, check the applicable type of Disability						
		☐ Locomotor Disability	☐ Leprosy Cured Person	☐ Cerebral Palsy	☐ Dwarfism	□ Muscular Dystrophy		
		⊠ Acid Attack Victims	☐ Blindness	☐ Low Vision	☐ Deaf	☐ Hard of Hearing		
		☐ Speech and Language Disability	☐ Intellectual Disability	☐ Specific Learning Disabilities	☐ Autism Spectrum Disorder	☐ Mental Illness		
		☐ Multiple Sclerosis	☐ Parkinson's Disease	□ Haemophilia	☐ Thalassemia	☐ Sickle Cell Disease		
		☐ Multiple Disabilities						
		Remarks:						
13.	Submitting Body Details		re and Fittings Sk	ill Council				
		E-mail ID: info(_					
			er: +91 124 4513					
14.	Certifying Body	-	ittings Skill Cour					
15.	Employment Avenues/Opportunities	After completing this program, participants may have any of the following						
		opportunities:						
		, ,		arpenter in a Fact	•			
				arpenter at the W	orksite/On-site			
16.	Career Progression	Vertical Progre						
		Carpenter (Lev	el-4)					

17.	Trainer's Qualification & Experience:	Graduate (Engineering (any discipline), Architecture, Interior Design, Furniture				
		Manufacturing, Wood Work, Product Design) with 4 years experience (Industry),				
		1 year experience (Teaching)				
		Or				
		I.T.I (Carpentry, Furniture Manufacturing) with 4 years experience (Industry), 1				
		year experience (Teaching)				
	Or					
	Diploma (Carpentry, Furniture Manufacturing) with 4 years					
		1 year experience (Teaching)				
		Or				
		Certificate-NSQF (NSQF Level 4 Carpenter (FFS/Q2203) with 5 years experience				
		(Industry), 1 year experience (Teaching)				
		Or				
		Basic Literacy with 7 years experience (Industry), 1 year experience (Teaching)				
		Or				
		CITS Certified Trainer in Relevant CITS Trade with 3 years experience (Industry), 1				
		year experience (Teaching)				
18.	Curriculum Creation Date	09-08-2022				
19.	Curriculum Valid up to Date	30-09-2024				

Module Details

C No	Madula (NOS Nama, Cada Varsian	Outcomes	Assessme	ent Marks	Passing Percentage	
S. No	Module/NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
1	Introduction to the role of an Assistant Carpenter Bridge Module	 Describe the Carpentry trade and its scope in the Interiors, furniture, and fittings sector. Describe the Installation trade and its scope in the Interiors, furniture, and fittings sector. Describe the roles and responsibilities of Assistant Carpenter in woodworking projects and the reporting levels. Explain the transition to Carpenter (Level-4) status with an overview of the apprenticeship program. Describe the mechanics of job card scheduling. Follow all the organizational policies and schedules applicable to the Assistant Carpenter job role while working. Practice job card management in every assigned task for effective work monitoring. Demonstrate the elements of the code of conduct with the employer while working. 	0	0	0	0
2	Introduction to raw materials, advanced architectural hardware and fittings, advanced tools, equipment, and machines Bridge Module	 Describe common types and characteristics of solid wood. Identify and describe the application of engineered wood products. Describe how lumber is milled, seasoned, stored, and ordered. Explain the properties and usage of different types of raw materials other than wood and their applications in woodworking. Explain the safe usage of different hand and power tools. Describe the fasteners and adhesives used for wood and wood derivative materials. 	0	0	0	0

S. No	Madula (NOS Nama Cada Varsian	Outcomes	Assessme	ent Marks	Passing Percentage	
3. NO	Module/NOS Name, Code, Version		Th.	Pr.	Th.	Pr.
		Describe the types and uses of sanding abrasives.				
		Describe the routine maintenance process for using different hand,				
		power, and machine tools.				
		List various types of advanced architectural hardware and fittings and				
		their working procedures.				
		List the safety precautions associated with the usage of electric and				
		power tools.				
		Illustrate different factory setups and their worksite management				
		techniques.				
		Discuss various cleaning agents and equipment used for housekeeping				
		at the worksite.				
		Differentiate between different types of wood species and wood				
		derivative materials.				
		Differentiate between the thickness and size of different engineered				
		wood derivate materials.				
		 Identify various types of advanced architectural hardware and their technical specifications. 				
		Practice the installation of a range of advanced hardware and				
		accessories.				
		Inspect the safe working of tools and equipment before usage.				
		Perform the calibration of required tools and equipment before usage.				
		Practice the usage of various hand tools in the woodworking process.				
		Practice the usage of various portable power tools in the woodworking				
		process.				
		Practice the usage of various stationary power tools in the				
		woodworking process.				

S. No	Madula/NOS Nama Coda Varsian	Outcomes	Assessme	ent Marks	Passing P	ercentage
3. NO	Module/NOS Name, Code, Version		Th.	Pr.	Th.	Pr.
		 Practice the usage of a portable sander for finishing processes. Demonstrate the safe operation and regular maintenance of portable planning and shaping equipment. Demonstrate the steps involved in using a miter saw and circular saw. Practice the working of a table saw for woodworking operation. Practice the usage of different marking tools for the fabrication of components. Demonstrate the steps involved in the sharpening of hand tools and machine blades. Perform the fabrication of assigned projects using appropriate fasteners, adhesives, hand, and power tools. Demonstrate the procedures involved in carrying out housekeeping practices at regular intervals. 				
3	Recce of the worksite Mapped to NOS/N2206 v 1.0	 Explain the importance of timely reporting and completion of job cards for the assigned work. Discuss the process of analyzing and interpreting the worksite layouts, drawings, and blueprints. List all the tools and equipment used for conducting the site survey. Explain the steps involved in conducting a site survey and recce. Describe various methods and techniques involved in carrying out mathematical calculations. Describe various health and safety considerations at the worksite. Explain various documentation pre-requisites for site survey and recce operations. Interpret and extract the information from the given job card. 	10	31	70%	70%

S. No	Module/NOS Name, Code, Version	Outcomes	Assessme	ent Marks	Passing Percentag	
3. NO	Wiodule/NOS Name, Code, Version		Th.	Pr.	Th.	Pr.
		 Interpret the survey data using a set of blueprints and engineering drawings. Prepare the recce checklist based on the defined scope of work. Segregate the different tools and equipment required for conducting a site survey. Perform the physical site survey using appropriate tools and equipment. Perform geo-tagging of the location during the survey. Perform the identification and marking of HVAC, electrical, plumbing points, etc., while conducting site survey and recce. Analyze the worksite and prepare a list of any possible work hazards. Practice the measurement activity using appropriate tools and equipment. Practice the marking activity using appropriate tools and equipment. Demonstrate the use of correct formulae in mathematical calculations during site recce. Demonstrate the process of preparing the measurement sheet. Perform daily reporting of the assigned work to the supervisor. 				
4	Material management Mapped to NOS/N2206 v 1.0	 Explain the significance of preparing and maintaining a material loading/ unloading/ handling instruction sheet. Discuss the importance of correct material handling and storage on a worksite. Describe various storage conditions and appropriate equipment associated with different types of materials. 	9	25	70%	70%

C No	Madula/NOC Nama Cada Varsian	Outcome	Assessment Marks		Passing Po	ercentage
5. NO	5. NO IVIOLUIE/ NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
S. No	Module/NOS Name, Code, Version	 Explain various batch marking and recording techniques for storing materials at the worksite. Discuss the techniques associated with the segregation and storage of materials. Describe the usage of different handling equipment. List various safety and floor guards required during safe working at the worksite. Explain all the necessary steps involved in performing Quality Checks of materials. Prepare the material loading/unloading/handling instruction sheets. Identify the appropriate handling equipment for the transportation of materials. 		1	_	
		 Demonstrate the different techniques employed for visual quality checks and be able to conduct them effectively. Practice the usage of different types of material handling tools and equipment. Perform the material movement using appropriate tools and equipment. Demonstrate different techniques employed for effective storage and stacking of materials. Practice the segregation and sorting of the materials at the worksite. Demonstrate the process of record keeping using appropriate documentation formats. Perform effective waste disposal based on the type of waste. Practice visual quality checking for different types of materials at regular intervals. 				

S. No	Module/NOS Name, Code, Version	Version Outcomes	Assessme	ent Marks	Passing Pe	ercentage
3. NO	Wiodule/ NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
5	Worksite preparation, fabrication,	Discuss the essential elements of a tool kit for a woodworker.	3	22	70%	70%
	and installation	Discuss the various elements of a workbench and its importance in				
	Mapped to NOS/N2206 v 1.0	woodworking operations.				
	101apped to 1405/142200 V 1.0	• Discuss the safety precautions associated with using electrical appliances and tools at the worksite.				
		 State the preventive measures related to handling and disposal of 				
		hazardous materials at the worksite.				
		 Describe the process of identifying and selecting appropriate tools and equipment for the required tasks. 				
		• Identify and arrange all the tools and equipment at the worksite for the required woodworking operations				
		Perform the assembly and installation of the workbench at the worksite.				
		• Practice the sharpening of blades and edges of the woodworking tools at regular intervals.				
		• Check the functionality of different hand and power tools for usage at the worksite.				
		Place the machine and floor guards correctly for the required operation at the worksite.				
		Setup the miter saw, and table saw based on required woodworking operations.				
		 Practice cleaning and maintenance of workstation during woodworking operations at regular intervals. 				
		Demonstrate the efficient process of housekeeping using appropriate tools and equipment.				

S. No	S. No Module/NOS Name, Code, Version Out	Outcomes	Assessment Marks		Passing Percentag	
3. NO	Wiodule/NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
6	Understanding drawings and resource management	Describe the process of interpreting and maintaining a job card for designing and drafting operations.	4	9	70%	70%
	Mapped to NOS/N2207 v 1.0	Explain various calculations and formulae to set out and confirm wood product accuracy.				
		• Explain the difference between different types of technical drawings.				
		Discuss different elements and standards used in the technical drawings.				
		• Explain the steps in preparing a technical drawing using appropriate tools and equipment.				
		Interpret the 2D/3D drawings of the product.				
		• Practice the preparation of part definition and finish specification sheet based on product technical drawings.				
		Practice tracing/ drafting the product parts on the drawing board to determine the intermediate gaps, angles, and joints.				
		Calculate the dimensions of the parts using product drawing and draught prepared on a drawing board.				
		List all the materials and resources required based on the specified product drawings.				
		 Select the appropriate resources based on product drawings interpretation. 				
		Prepare the cutting list of the product parts based on their dimensions and material requirements.				
		Practice the isometric projection of the different products using free hands.				
		nanus.				

S. No	Module/NOS Name, Code, Version	Outcomes	Assessme	ent Marks	Passing Po	ercentage
3. NO	Wiodule/NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
7	Joinery and fabrication of the parts of the products	• Describe various types of woodworking joints and their area of application.	22	65	70%	70%
	Mapped to NOS/N2207 v 1.0	 Describe the application of different wood joints for fabrication, assembly, and installation. 				
		• Explain the usage and maintenance procedures for different hand and power tools.				
		• State the significance of jigs and fixtures in the fabrication and assembly processes.				
		• Describe the steps involved in performing different woodworking operations.				
		• List the significance of adhesives and fittings used in the joinery and fabrication of different parts of the products.				
		 Practice the preparation of jigs and fixtures based on different types and shapes of products using appropriate tools and equipment. 				
		 Practice the marking and measurement for preparing different types of woodworking joints. 				
		 Practice fabricating different woodworking joints and forming a frame based on the assigned project. 				
		• Practice the correct usage of carpentry and joinery chisels, handsaws, and other hand-held tools.				
		• Practice using power drills, power planers, power saws, power routers, and sanders for woodworking.				
		 Using appropriate hand and power tools, perform the woodworking involving different test projects for wood selection, cutting, sizing, planning, drilling, and shaping. 				

S. No	Module/NOS Name, Code, Version	Outcomes	Assessme	ent Marks	Passing Percentage	
3. INO	Wiodule/NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
		 Practice the planning and thicknessing of wood pieces into the desired size. Demonstrate the part assembly during fabrication using appropriate fasteners and fittings. List different types of adhesives used in the fabrication of the assigned products. Check the parts for conformity with the required specifications at regular intervals. Follow environmental and relevant health and safety regulations relating to woodworking. Perform housekeeping practices at regular intervals during worksite operations. 				
8	Assembling the various components of the product Mapped to NOS/N2208 v 1.0	 Describe the pre-assembly issues pertaining to the quality of the assembled products. Illustrate the usage of different types of hardware fittings and accessories commonly used in assembly operation. Describe the process of verifying the materials or parts which do not conform to the requirements. Describe various tools and equipment used in the assembly operation of furniture. Explain the various elements of an assembly drawing. Discuss the assembly techniques associated with different types of products. Check and clean the dust particles from the parts before starting the assembly work. Practice the reading and interpretation of assembly drawings. 	5	31	70%	70%

S. No	Module/NOS Name, Code, Version	Outcomes	Assessme	ent Marks	Passing Percentage	
3. INO	iviodule/ NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
		 Demonstrate the steps involved in planning and executing the assembly operation. Perform the segregation and arrangement of required tools, materials, equipment, and products based on assembly operation requirements. Practice using specific hand and power tools required for measurement, marking, and assembly operation. Mark the points on the finished parts for the assembly operation. Demonstrate the usage of appropriate work holding devices to fix and set the workpiece on the workbench as per the job work requirements. Use appropriate material handling equipment for lifting and handling parts during the assembly process. Carry out the parts' drilling, routing, cutting, and shaping using appropriate tools and equipment based on assembly process requirements. Select and apply suitable adhesives during the assembly operation. Practice the usage of fasteners for product assembly with no gaps and loose parts. Perform the assembly of the parts for the assigned project. Perform the visual inspection of the processed parts in conformance to the required specifications for the assembly process. Demonstrate proper housekeeping practices before and after work completion. 				
9	Finishing the surface of the product Mapped to NOS/N2208 v 1.0	 Discuss various types of finishing defects and their preventive actions. Discuss various quality parameters associated with the visual aesthetic of the products. Explain various types of sanding paper and their grades. Discuss the variety of clamps used in woodworking along with their applications. 	4	21	70%	70%

S. No	Module/NOS Name, Code, Version	Outcomes	Assessme	ent Marks	Passing Po	ercentage
3. NO	Wiodule/ NO3 Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
		 Identify and select the appropriate finishing material for the parts based on its material specifications and client requirements. Practice the inspection of parts joinery for minimum defects and gaps. Practice the usage of clamps for pasting and holding different parts of a product. Perform the final finishing of the product's surface by removing excess glue marks and scratches. Demonstrate the use of an electric orbital sander to finish the products' surface. Perform cleaning of finished parts using appropriate tools and materials. Perform a visual inspection of the finished part based on specified specifications. Practice the safe storage and handling of finished parts at the worksite. 				
10	Installation of the product and its handover Mapped to NOS/N2208 v 1.0	 Explain the role of Assistant Carpenter and its career prospectus for on-site installation work. Discuss the significance and usage of different tools and equipment required for installation work. Explain the various installation processes and relevant fittings associated with different types of products. Describe the significance of conformance to health and hygiene practices while installation at the worksite. Identify and mark the placement of the products for installation at the worksite. Practice the proper cleaning of the parts before installation work. 	10	29	70%	70%

S. No	Module/NOS Name, Code, Version	Outcomes	Assessment Marks		Passing Po	assing Percentage Th. Pr.	
3. NO	wiodule/ NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.	
		 Demonstrate the safe handling of products and their parts during the installation process. Demonstrate the various installation methods for installing different types of products. Perform installation of different types of hardware fittings on the products using appropriate tools and equipment. Practice using appropriate woodworking tools and equipment for preparing cutouts and slots on the products during installation. Comply with the electrical safety norms while installing products onsite. Follow health, safety, and worksite guidelines associated with working. Perform testing and visual inspection for the installed product's strength, durability, and functionality. Identify faults and failures in the installed products, if any, and carry out the preventive measure. Practice the final finishing of the installed product for the handover. Demonstrate the steps involved in the project handover at the worksite after installation. Practice the preparation of proper installation and handover documentation while working. 					
11	Health and safety practices at the worksite	Describe the accident reporting requirements and first aid responses to common injuries. Describe the requirements for the usage of personal protective.	24	50	70%	70%	
	Mapped to NOS/N8201 v 1.0	 Describe the requirements for the usage of personal protective equipment. 					

C No	Madula/NOS Nama Cada Varsian	Outcomes	Assessme	ent Marks	Passing Percentage	
S. No	Module/NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
		Describe the safe work practices used in a workshop and on-site.				
		Describe potential health hazards related to on-site work.				
		Explain the organizational practices associated with the health and				
		hygiene practices at the workplace.				
		• Explain the correct handwashing and sanitizing process at the workplace.				
		List first aid box items and their use.				
		Describe the importance of safety signs and hand signals.				
		Explain different types of fire extinguishers.				
		Apply the standard work practices used in a workshop and on-site.				
		Select and use appropriate personal protective equipment.				
		Apply the concepts of personal safety awareness and practices while				
		working at the worksite.				
		Carry out routine cleaning of workplace, tools, and equipment.				
		Perform the inspection of the work area for health and safety				
		breaches.				
		 Practice the usage of emergency equipment like Fire extinguishers in emergencies and accidents. 				
		Practice the first aid responses using a first aid kit.				
		Perform mock drills at regular intervals for health and safety purposes.				
		Follow the company's emergency procedures promptly, calmly, and				
		efficiently.				
		Deal with hazards, as per the procedure, safely, competently, and				
		within the limits of authority.				
		Record all the health and safety records legibly and accurately.				

S. No	Module/NOS Name, Code, Version	ame, Code, Version Outcomes		ent Marks	Passing Po	ercentage
3. NO	Wiodule/ NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
		 Report safety and security breaches or hazards to the company's designated person. Demonstrate effective application of 5S principles at the workplace. Practice safe material handling using appropriate lifting practices and body postures. Adhere to company policy concerning personal hygiene. Practice preventive health check-ups at regular intervals. 				
12	Greening practices at the worksite Mapped to NOS/N8201 v 1.0	 Explain the importance of efficient utilization and conservation of material. State the difference between renewable and non-renewable sources of energy. Differentiate between recyclable and non-recyclable waste. Explain the importance of performing greening practices at the worksite. Explain various types of waste generated at the worksite and their safe disposal processes. Describe the role of effective arrangement of workstation layout and equipment for material conservation. Explain the significance of different organizational procedures for minimizing waste. Describe the importance of periodic cleaning and maintenance of tools and equipment. 	11	15	70%	70%
		 List the usage of different colored dustbins for waste segregation. Follow the organizational standards and policies for safe waste disposal at the worksite. 				

S. No	Module/NOS Name, Code, Version	Outcomes	Assessme	ent Marks	Passing P	ercentage
3. NO	wiodule/ NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
		Practice the efficient disposal of various types of waste.				
		Select appropriate waste disposal methods based on worksite				
		requirements				
		Practice energy conservation practices while working at the worksite.				
		Check the tools and equipment for proper functioning.				
		• If required, report the faults and maintenance lapses in the tools and equipment to the concerned personnel.				
		List different energy-efficient devices employed at the workplace.				
		Discuss the standard practices being followed for conserving				
		electricity on the worksite.				
		Perform segregation of waste based on different colored dustbins.				
10					700/	700/
13	Interpersonal skills	Explain the importance of good relationships with colleagues and	23	36	70%	70%
	Mapped to NOS/N8202 v 1.0	supervisors.				
	,	Describe the role of effective listening skills and body language in communication.				
		Describe different methods and reasons for the requirement of				
		effective communication.				
		• Explain the importance of well-developed writing skills in business and career development.				
		• Discuss the fundamentals of informal reports and the report writing procedure.				
		 Explain the role of etiquette and professional behaviour while working 				
		at the worksite.				
		Discuss the process of grievance redressal mechanism for internal and				
		external purposes.				

C NIa	Module/NOS Name Code Version	Outcomes	Assessment Marks		Passing Percentage	
5. NO	Wodule/NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
S. No	Module/NOS Name, Code, Version	 Discuss the importance of teamwork while working at the worksite. Describe the organizational structure for communicating with colleagues, seniors, and others. Explain the usage of appropriate terminology for uniformity in communicating. Identify the organizational structure of the workshop for communicating with colleagues, seniors, and others. Practice effective means of communication depending upon the requirement while interacting with others. Interact with different departments of the organization to complete the assigned task. Follow organizational policies and standards while interacting with individuals of all ages, genders, and differently-abled people. Demonstrate effective listening skills to the issues or requirements and respond promptly. Display appropriate etiquette and personal behaviour while communicating with others. Prepare a report of the assigned task and provide a status update to the supervisor. Report negative feedback and communication errors to the designated person of the company. Maintain good relationships with colleagues and supervisors. Evaluate the communication equipment used and take corrective action as required. 				

C No	Madula/NOS Nama Cada Varsian	Outcomes	Assessmo	ent Marks	Passing Po	ercentage
S. No	Module/NOS Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.
14	Gender and PwD sensitive practices	Explain the responding to the challenges faced by persons with disabilities.	25	16	70%	70%
	Mapped to NOS/N8202 v 1.0	• Discuss the role of gender-inclusive practices for disabled people in bridging the gap between skills and employment.				
		Discuss the challenges faced by persons with disabilities.				
		• List the standard norms of behavior at the workshop for all genders and persons with disabilities.				
		Differentiate between the concept of sex and gender.				
		• Discuss the standards and guidelines for interacting with people of different genders and PwD.				
		Explain the concepts of gender difference and gender diversity.				
		• Explain the health and safety considerations for different genders and PwD at the worksite.				
		List different types of disabilities associated with PwD.				
		• Communicate with different genders and persons with Disability (PwD) sensitively.				
		• Practice the different ways to adjust the communication styles to reflect sensitivity towards gender and persons with Disability (PwD).				
		 Practice the various ways to maintain good relationships with colleagues and supervisors. 				
		Practice social skills daily like workplace relations, communication, and problem-solving.				
		Identify the roles and responsibilities of the different people who will work together irrespective of gender or Disability.				
		Demonstrate a supportive attitude to colleagues when working conditions are challenging.				

S. No	Module/NOS Name, Code, Version	Outcomes	Assessme	ent Marks	Passing Pe	sing Percentage	
3. INO	Wiodule/NO3 Name, Code, Version	Outcomes	Th.	Pr.	Th.	Pr.	
		Perform a role-play activity demonstrating the effective interaction with different genders and PwD.					
15	Introduction to World Skills Competition and Test Project Bridge Module	 Describe the World Skills Competition and the three trades associated with the Interiors, Furniture, and Fittings Sector. Explain the participating criteria and selection process for the World Skills Competition. Discuss the various career prospectus related to World Skills Competition. Discuss the relevance of the assigned carpentry test project with the World Skills Competition. Prepare the process flow and list of required materials for completion of the assigned test project. Display appropriate etiquette and behavior while working. Demonstrate the effective distribution of assigned test projects into different stages of fabrication based on the specified time limit. Check the functionality of tools and equipment before working on the assigned test project. Demonstrate the correct usage of health and safety equipment during working. Perform the drafting of test projects for determining the intermediate angles, joints, and measurements. Use appropriate tools and equipment to perform the marking, cutting, shaping, routing, and drilling. Demonstrate the fabrication of the assigned carpentry test project within the specified time. Perform sanding and finishing of the test project within the specified time. 	0	0	0	0	

S. No	Madula/NOS Nama Cada Varsian	ule/NOS Name, Code, Version Outcomes	Assessment Marks		Passing Percentage	
3. NO	Wiodule/ NOS Name, Code, Version		Th.	Pr.	Th.	Pr.
		 Assist the supervisor in measuring, marking, and quality checking the assigned test project for assessment. Demonstrate effective workplace management and waste disposal at the worksite. Prepare a feedback report on the skills acquired during the training program and highlight any suggestions or modifications to the trainer. 				
	D	uration (in Hours) / Total Marks	150	350	70	1%

Glossary

Term	Description
Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be
Sector	defined as a distinct subset of the economy whose components share similar characteristics and interests.
Occupation	Occupation is a set of job roles, which perform similar/related set of functions in an industry.
lah vala	Job role defines a unique set of functions that together form a unique employment opportunity in an
Job role	organization.
Occupational Standards	OS specify the standards of performance an individual must achieve when carrying out a function in the
Occupational Standards	workplace, together with the Knowledge and Understanding (KU) they need to meet that standard
(OS)	consistently. Occupational Standards are applicable both in the Indian and global contexts.
National Occupational	NOS are accupational standards which apply uniquely in the Indian context
Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Declarative Knowledge	Declarative knowledge refers to facts, concepts, and principles that need to be known and/or understood in
Declarative knowledge	order to accomplish a task or to solve a problem.
	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order
Key Learning Outcome	to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training
	outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
OJT (M)	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on-site
OJT (R)	On-the-job training (Recommended); trainees are recommended the specified hours of training on-site
Dunanda Manada dan	Procedural knowledge addresses how to do something or how to perform a task. It is the ability to work or
Procedural Knowledge	produce a tangible work output by applying cognitive, affective, or psychomotor skills.
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the
Training Outcome	completion of the training.
Torminal Outcome	The terminal outcome is a statement of what a learner will know, understand and be able to do upon the
Terminal Outcome	completion of a module. A set of terminal outcomes help to achieve the training outcome.

Acronyms

Acronym	Description	
QP	Qualification Pack	
NSQF	National Skills Qualification Framework	
NSQC	National Skills Qualification Committee	
NOS	National Occupational Standards	
QC	Quality Checking	
PwD	Person with Disability	
ToT	Training of Trainers	
ToA	Training of Assessors	
FFSC	Furniture and Fittings Skill Council	
TP	Training Partner	
PC	Performance Criteria	
NA	Not Applicable	
MS	Microsoft	
PPE	Personal Protective Equipment	
2D	2-Dimensional	
3D	3-Dimensional	
HVAC	Heating, Ventilation And Air conditioning	
5 S	Sort, Set in order, Shine, Standardize, Sustain	

Annexure 1: Tools and Equipment

List of Tools and Equipment

For a Batch size of 20 Candidates

The tools and equipment required are:

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size (In Nos)
1	Working Bench		10
2	Bench Vice		20
3	Ear Plug		20
4	Hand Gloves		20
5	Nose Mask		20
6	Safety Shoes		20
7	Goggles		20
8	Fire Extinguisher		1
9	First Aid Kit		1
10	Table Saw		2
11	Tenon and Mortise Machine		1
12	Electric Orbital Sander with Disc paper		2
13	Mitre Saw/ Circular Saw with blade		2
14	Jig Saw with blade		2
15	Electric Hand Plunge Router		5
16	Electric Impact Drill Machine		5
17	Carpentry Pencil		20
18	Notebook		20
19	Steel Ruler	Size- 300 mm	20
20	Measurement Tape	Size- 5 M	20
21	Laser Measurement Tape		1

22	Spirit Level		10
23	Plumb bob		1
24	Dividers		20
25	Marking Gauge		20
26	Marking Knife		20
27	Mortise Gauge		10
28	Try Square	Size- 12"	20
29	Compass		20
30	Carpentry Rafter Square		20
31	Calculator	Scientific	10
32	Bevel Chisel with Handle	Size- 1/4"	20
33	Bevel Chisel with Handle	Size- 1/2"	20
34	Bevel Chisel with Handle	Size- 3/4"	20
35	Bevel Chisel with Handle	Size- 1"	20
36	Bevel Chisel with Handle	Size- 1 1/4"	20
37	Mortise Chisel with Handle	Size- 1/4"	20
38	Mortise Chisel with Handle	Size- 1/2"	20
39	Japanese Saw		1
40	Hand Saw		20
41	Fret Saw		10
42	Compass Saw		10
43	Rasp cut File with Handle	Size- 10"	5
44	Half Round File with Handle	Size- 10"	5
45	Jack Plane	Size- 14"	20
46	Wooden Mallet		5
47	Cross Head Hammer		2
48	Soft Hammer		10
49	Pincer/ Nail Puller		2
50	Allen Key Set		2
51	Screw Driver	Type- 828	5

52	Screw Driver tip bit set		5
53	Disk Sanding Paper (Velcro)	Grit No 120	10
54	Disk Sanding Paper (Velcro)	Grit No 80	10
55	Disk Sanding Paper (Velcro)	Grit No 180	10
56	Disk Sanding Paper (Velcro)	Grit No 220	10
57	Sharpening/ Oil Stone		2
58	Router Bit Set		5
59	T Bar Clamp	Size- 5 feet	20
60	C clamp	Size- 10 inch	20
61	Plan Sanding Paper	Grit No 100	10
62	Drill Bit Set		5
63	Triangular File with Handle	Size- 4"	20
64	Butt Hingers		1
65	Auto Closing Hinge	0 CRANK	1
66	Auto Closing Hinge	9.5 CRANK	1
67	Auto Closing Hinge	16 CRANK	1
68	Drawer Channel	Type- Quadro	1
69	Drawer Channel	Type- Telescopic	1
70	Lock Set- Mortise		1
71	Lock Set- Multipurpose		1
72	Lock Set- Cylinder		1
73	L brackets		1
74	Minifix Set		10
75	Connecting Screw- L Shape		1
76	Latch		1
77	Tower Bolt		1
78	Screws	Type- Slotted	1
79	Screws	Type- Posidrive	1
80	Screws	Type- Philips	1

81	Types Of Wood		1
82	Types Of Veneer		1
83	Types of Other Materials		1
84	Types Of Wooden Derivatives		1
85	Vacuum Cleaner		1
86	Cleaning Set (Broom, Dustpan, Wiper, etc.)		4
87	Charts- As per Activity list in TDP		4
88	Props- As per Project/Task list in TDP		4
89	Apron		20
90	Masking Tape	Unit- Roll	12
91	Adhesive	Unit- Kg	5

Classroom Aids

The aids required to conduct sessions in the classroom are:

- 1. White Board/ Green Board
- 2. Board Marker
- 3. Duster
- 4. Projector/Smart TV
- 5. Laptop
- 6. Chairs (For theory lectures)
- 7. Trainer's Table/ Podium
- 8. Storage Cabinet

Annexure 2: Assessment Strategy

This section includes the processes involved in identifying, gathering, and interpreting information to evaluate the apprentice on the required competencies of the program.

At FFSC, we believe to gauge the performance of a candidate a holistic approach for assessment is essential. As such we have devised a multi-tier process to keep track of candidate overall progress at various stages. While a few techniques are imbibed as part of the training delivery program, others are explicit ways of testing. These are:

- 1. Internal (Preferred)
 - a. Trainer Led Assessment
 - b. Master Trainer/ Program Mentor Led Assessment
- 2. External
 - a. Assessment Partners/ Freelance Assessors (Mandatory)
 - b. Industry (Preferred)

1. Internal (Preferred)

a. Trainer Led Assessment:

As part of the Training Delivery Program, various tests and projects are designed at regular intervals to gauge the progress of the candidate during the training program. These are mix of Theory and practical, individual and group activities.

Trainers will be provided specific training under the ToT programs to conduct these assessments. A report of the same will be submitted to the assigned Master Trainer/Program Mentor.

b. Master Trainer/ Program Mentor Led Assessment:

Every trainer/ batch should be connected with a Master Trainer/ Program Mentor, who will keep a check on the progress of the batch. Trainer can consult the Master Trainer/ Program Mentor with regards to training delivery or conducting periodic assessments.

Master Trainer/ Program Mentor may conduct their own session to assess the progress of the candidates, using the means as deemed suitable and feasible.

2. External

a. Assessment Partners/ Freelance Assessors:

An external assessment shall mandatorily be conducted be Assessment Partners via ToA certified Assessors or ToA certified Freelance Assessors. There are 3 key stages of any assessment activity – Pre-Assessment, During Assessment and Post Assessment. The defined system for conducting the assessment shall be followed at each stage.

FFSC Training and Assessment Team or any other assigned authority by FFSC, may conduct surprise or planned visits and checks from quality assurance and monitoring perspective.

The requirements and details of each stage are as highlighted below:

1. Pre-Assessment:

- a. Assessment Partner/ Assessor/ Freelance Assessor Validation
- b. Training Centre Check for Assessment Setup/Infra
- c. Question Papers submission by Assessment Partner/ Freelance Assessor to FFSC
- d. FFSC to validate and approve the Question papers in line with NOS and PC.
- e. FFSC Affiliation and Project Assessment Approval
- f. Centre ready for Assessment intimation by Training Partner or by the assigned Neutral Assessment Centre
- 2. **During assessment (on the Assessment Day):** The assessment can be conducted in offline, online or hybrid format depending on the feasibility and approvals from FFSC. Under either process the below guidelines are important to be compiled:
 - a. Check the availability of the Lab Equipment for the particular Job Role as per the mode of conducting assessment.
 - b. Candidate Validation: Confirm the Aadhar Card details of candidates
 - c. Check the duration of the training
 - d. Check the Assessment Start and End time to be as specified in documents
 - e. Assessor/ Freelance Assessor must follow the assessment guidelines at all times.
 - f. Intimation to FFSC Training and Assessment Monitoring Team for Assessment Quality Assurance checks.
 - g. Ensure evidence of conducting assessment is gathered as per FFSC protocol:
 - i. Time-stamped and geo-tagged reporting of the assessor from assessment location
 - ii. Centre photographs with signboards and scheme-specific branding
 - iii. Biometric or manual attendance sheet (stamped by T.P.) of the trainees during the training period

- iv. Time-stamped and geotagged assessment (Theory + Viva + Practical) photographs and videos
- h. Required documentation for submissions to the FFSC

3. Post Assessment:

- a. Timely submission of the assessment documentation and feedback to FFSC
- b. Hard copies of the documents are stored
- c. Soft copies of the documents and photographs of the assessment are uploaded/accessed from Cloud Storage
- d. Soft copies of the documents and photographs of the assessment stored in the Hard Drives
- e. Any other compliance requirement as defined by FFSC

b. Industry Partner:

FFSC may engage the Industry Partners and the Subject Matter Experts to conduct the assessment of the candidates at various stages during the training programs.