



# Model Curriculum

**QP Name: Assistant Wooden Boat Maker**

**QP Code: FFS/Q2205**

**QP Version: 1.0**

**NSQF Level: 4**

**Model Curriculum Version: 1.0**

## Table of Contents

Training Parameters.....	2
Program Overview.....	4
Training Outcomes.....	4
Compulsory Modules.....	4
Module Details.....	7
Module 1: Introduction to the Interiors, Furniture, and Allied Industry.....	7
Module 2: Introduction to the role of an Assistant Wooden Boat Maker.....	8
Module 3: Introduction to the organizational skills.....	9
Module 4: Introduction to raw materials, advanced architectural hardware and fittings, advanced tools, equipment, and machines.....	10
Module 5: Boat design interpretation and planning.....	11
Module 6: Preparing workarea for boat making.....	12
Module 7: Marking and Measurement of boat specifications.....	13
Module 8: Assembly of boat components.....	14
Module 9: Shaping of boat components.....	15
Module 10: Installation of boat components & other accessories.....	16
Module 11: Quality checking and documentation.....	17
Module 12: Health and safety practices at the worksite.....	18
Module 13: Greening practices at the worksite.....	19
Module 14: Employability Skills.....	20
Module 15: Test Project on Wooden Boat Making.....	22
Module 16: On-the Job Training for assisting in wooden boat making at worksite.....	23
Annexure.....	24
Trainer Requirements.....	24
Assessor Requirements.....	26
Assessment Strategy.....	28
References.....	30
Glossary.....	30
Acronyms and Abbreviations.....	31

## Training Parameters

<b>Sector</b>	Interiors, Furniture and Fixtures
<b>Sub-Sector</b>	Furniture Business Development, Installation & After Sales
<b>Occupation</b>	Furniture Installation & After Sales
<b>Country</b>	India
<b>NSQF Level</b>	4
<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/7115.1100
<b>Minimum Educational Qualification and Experience</b>	<p>Grade 12 pass Or Completed 2<sup>nd</sup> year of 3-year diploma (after Grade 10) Or Pursuing 2<sup>nd</sup> year of 3-year regular Diploma (after Grade 10) Or Grade 10 pass with 2 years of any combination of NTC/NAC/CITS or equivalent Or Grade 10 pass and pursuing continuous schooling (for 2 years program) Or Grade 11 Pass and pursuing continuous schooling Or Grade 11 Pass with 1 year of relevant experience Or Grade 10 Pass with 2 years of relevant experience Or Previous relevant Qualification of NSQF Level 3.0 (Multipurpose Assistant) with 3 years of relevant experience</p>
<b>Minimum Level of Education for Training in School</b>	10th Class
<b>Prerequisite License or Training</b>	NA
<b>Minimum Job Entry Age</b>	16 Years
<b>Last Reviewed on</b>	31-08-2023
<b>Next Review Date</b>	31-08-2026
<b>NSQC Approval Date</b>	31-08-2023
<b>Q.P. Version</b>	1.0

<b>Model Curriculum Creation Date</b>	08-08-2023
<b>Model Curriculum Valid Up to Date</b>	31-08-2026
<b>Model Curriculum Version</b>	1.0
<b>Minimum Duration of the Course</b>	390
<b>Maximum Duration of the Course</b>	390

## Program Overview

This section summarizes the end objectives of the program along with its duration.

### Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills:

- Describe the process of interpreting and preparing the workarea for wooden boat making.
- Explain the basics of material management in Furniture and Fittings Installation.
- Describe various steps involved in the planning and fabrication of wooden boats.
- Demonstrate the selection of different resources, tools, and materials.
- Explain and understand the process of joinery and fabrication of wooden boats.
- Explain the process of assembling the various components of the wooden boat.
- Explain and demonstrate the process of installation of the wooden boat and its accessories.
- Maintain safety, health, and hygiene at the worksite.
- Optimize resources, work efficiently and adhere to safety standards.
- Discuss various aspects of employability skills and employ such practices towards personal and organizational growth.
- Demonstrate the skills related to preparing a wooden boat from designing to installation processes.
- Display the skills relating to working on-site for preparing a wooden boat and all the relevant functions involved in them.

### Compulsory Modules

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
<b>Bridge Module(s)</b>	<b>14:00</b>	<b>16:00</b>	<b>00:00</b>	<b>00:00</b>	<b>30:00</b>
Module 1: Introduction to the Interiors, Furniture, and Allied Industry	04:00	00:00	00:00	00:00	04:00
Module 2: Introduction to the role of an Assistant Wooden Boat Maker	04:00	00:00	00:00	00:00	04:00
Module 3: Introduction to the organizational skills	02:00	08:00	00:00	00:00	10:00
Module 4: Introduction to raw materials, advanced architectural hardware, and fittings, advanced tools, equipment, and machines	04:00	08:00	00:00	00:00	12:00



<b>FFS/N2226 – Interpret boat designs and prepare the workarea for the wooden boat construction NOS Version No. 1 NSQF Level- 4</b>	<b>08:00</b>	<b>52:00</b>	<b>00:00</b>	<b>00:00</b>	<b>60:00</b>
Module 5: Boat design interpretation and planning	04:00	20:00	00:00	00:00	24:00
Module 6: Preparing workarea for boat making	04:00	32:00	00:00	00:00	36:00
<b>FFS/N2227 – Perform assembly, shaping and installation of boat components into desired specifications NOS Version No. 1 NSQF Level- 4</b>	<b>10:00</b>	<b>50:00</b>	<b>00:00</b>	<b>00:00</b>	<b>60:00</b>
Module 7: Marking and Measurement of boat specifications	02:00	12:00	00:00	00:00	14:00
Module 8: Assembly of boat components	02:00	10:00	00:00	00:00	12:00
Module 9: Shaping of boat components	02:00	12:00	00:00	00:00	14:00
Module 10: Installation of boat components & other accessories	02:00	12:00	00:00	00:00	14:00
Module 11: Quality checking and documentation	02:00	04:00	00:00	00:00	06:00
<b>FFS/N8201 – Follow health, safety, and greening practices at the worksite NOS Version No. 3 NSQF Level- 3</b>	<b>12:00</b>	<b>18:00</b>	<b>00:00</b>	<b>00:00</b>	<b>30:00</b>
Module 12: Health and safety practices at the worksite	08:00	12:00	00:00	00:00	20:00
Module 13: Greening practices at the worksite	04:00	06:00	00:00	00:00	10:00
<b>DGT/VSQ/N0102: Employability Skills (60 Hours) NOS Version No. 1 NSQF Level- 4</b>	<b>30:00</b>	<b>30:00</b>	<b>00:00</b>	<b>00:00</b>	<b>60:00</b>

Module 14: Employability Skills	30:00	30:00	00:00	00:00	60:00
<b>Bridge Module(s)</b>	<b>00:00</b>	<b>30:00</b>	<b>00:00</b>	<b>00:00</b>	<b>30:00</b>
Module 15: Test Project on Wooden Boat Making	00:00	30:00	00:00	00:00	30:00
<b>FFS/Q2205: On-the Job Training QP Version No. 1 NSQF Level- 4</b>	<b>00:00</b>	<b>00:00</b>	<b>120:00</b>	<b>00:00</b>	<b>120:00</b>
Module 16: On-the Job Training for assisting in wooden boat making at worksite	00:00	00:00	120:00	00:00	120:00
<b>Total Duration</b>	<b>74:00</b>	<b>196:00</b>	<b>120:00</b>	<b>00:00</b>	<b>390:00</b>

# Module Details

## Module 1: Introduction to the Interiors, Furniture, and Allied Industry Bridge Module

### Terminal Outcomes:

- Explain the functioning of the furniture industry.
- Describe the segments of the furniture industry.
- Explain the scope and significance of the furniture industry.

Duration: 04:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Describe the scope and significance of the furniture industry.</li> <li>• Discuss the various segments of the furniture industry and how they function.</li> <li>• Explain various types and categories of furniture.</li> <li>• Describe the types of allied or enabling industries involved in furniture manufacturing.</li> <li>• Describe the relationship between interiors and the furniture industry.</li> <li>• Classify different types of Interior projects.</li> <li>• Describe the occupational map of the furniture industry.</li> <li>• Explain the significance of the Interiors, Furniture, and Allied industries.</li> </ul>	
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
N.A.	



## Module 2: Introduction to the role of an Assistant Wooden Boat Maker

### Bridge Module

#### Terminal Outcomes:

- Explain the role and responsibilities of an Assistant Wooden Boat Maker.
- Discuss the scope of work for an Assistant Wooden Boat Maker.

<b>Duration:</b> 04:00	<b>Duration:</b> 00:00
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Elaborate on the various organizational structure, processes, code of conduct, reporting matrix, and escalation hierarchy.</li> <li>• Explain the role, responsibilities, and limitations of an Assistant Wooden Boat Maker.</li> <li>• Describe the attributes and basic skill sets required for an Assistant Wooden Boat Maker.</li> <li>• Explain the process of communication with team members and supervisors as per the protocol of the organization.</li> <li>• List all the documents required to carry out the job, such as a job sheet and checklist for oneself.</li> <li>• List the various operations/activities that take place at the worksite and Assistant Boat Maker's role in the same.</li> <li>• Discuss the regulatory authorities, laws, and regulations related to an individual while working in the Furniture and Fittings Industry.</li> <li>• Discuss the career path for the Assistant Boat Maker job role.</li> <li>• Explain the nature of work, timeliness, and requirement.</li> </ul>	
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
N.A.	

## Module 3: Introduction to the organizational skills

### Bridge Module

#### Terminal Outcomes:

- Explain the methods and mechanisms for effective communication.
- Demonstrate the usage of effective communication and interpersonal skills.
- List the latest skills and technologies prevalent in the furniture industry.
- Demonstrate the usage of different tools and technologies.
- Describe organizational hygiene and sanitation guidelines.

<b>Duration: 02:00</b>	<b>Duration: 08:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Explain the importance of team objectives and goals.</li> <li>• List the basic parts of a computer and explain their functions.</li> <li>• Explain the working of various social media platforms: WhatsApp, Facebook, Twitter, etc.</li> <li>• State the significance of payment methods and gateways for financial transactions.</li> <li>• List the steps involved in a financial transaction using a suitable medium.</li> <li>• Differentiate and learn the escalation in the hierarchy.</li> <li>• Explain the functions of MS Office.</li> <li>• Explain the importance of effective communication and team coordination.</li> <li>• Explain the difference between briefing and debriefing.</li> <li>• State the importance of coordinating and resolving conflicts with the team members to achieve a smooth workflow.</li> <li>• Discuss organizational hygiene and sanitation guidelines and ways of reporting breaches/gaps, if any.</li> <li>• Describe how to address and resolve conflicts among employees.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate the use of appropriate behaviour and language while communicating with colleagues.</li> <li>• Perform how-to-report problems that need escalation.</li> <li>• Demonstrate active listening skills while communicating.</li> <li>• Demonstrate how to sign up for an email account.</li> <li>• Demonstrate how to search for a video on the internet.</li> <li>• Demonstrate how to operate various social media platforms: YouTube, WhatsApp, Facebook, Twitter, etc.</li> <li>• Demonstrate the steps involved in a financial transaction using a suitable medium.</li> <li>• Demonstrate how to use the internet to gather work-related information.</li> <li>• Prepare an MS office project using a suitable medium.</li> <li>• Demonstrate how to start and operate computers.</li> <li>• Demonstrate how to access stored data or files.</li> <li>• Demonstrate how to interact with the supervisor in person and on the phone.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Sample of Job Cards, Sample of Escalation Matrix, Organization Structure.	

## Module 4: Introduction to raw materials, advanced architectural hardware and fittings, advanced tools, equipment, and machines

### Bridge Module

#### Terminal Outcomes:

- Select and use different types of fittings, materials, tools, and equipment safely.
- Summarise the precautions related to handling different electrical and mechanical products.

Duration: 04:00	Duration: 08:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Describe various types of raw materials used in manufacturing boats.</li> <li>• Describe various categories of advanced architectural hardware and fittings used in boat manufacturing and their usage.</li> <li>• Describe the various types of processes involved in boat manufacturing.</li> <li>• Elaborate on the precautions to be taken while handling different electrical and mechanical products.</li> <li>• List the various tools, equipment, and machines required for a particular job, purpose, and functioning.</li> <li>• Identify the different types of large and small equipment used in boat manufacturing.</li> <li>• Explain the handling process of equipment and machines.</li> <li>• Discuss the different methods of cleaning the worksite and various tools and equipment.</li> <li>• List the different types of wood used in manufacturing boats and their nature and working.</li> </ul>	<ul style="list-style-type: none"> <li>• Inspect the quality of raw materials.</li> <li>• Demonstrate how to use the tools, equipment, and machines as per the manufacturer's manuals.</li> <li>• Select equipment large and small as per its purpose.</li> <li>• Differentiate between various tools and equipment used in boat making and their purpose.</li> <li>• Classify various advanced architectural hardware used in the boat manufacturing process.</li> <li>• Demonstrate how to organize the work area and equipment for efficient job work.</li> <li>• Choose the equipment and cleaning agents suitable for cleaning the tools and equipment.</li> <li>• Demonstrate the procedure of cleaning the equipment.</li> <li>• Display the correct way of using hazard warning signs and PPE while working on site.</li> <li>• Employ safe and correct handling of materials, equipment, and tools.</li> <li>• Inspect tools, equipment, and consumables using a variety of techniques.</li> <li>• Apply the technique of cleaning equipment and methods appropriate for the work to be carried out.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional)	
<b>Tools, Equipment, and Other Requirements</b>	
Personal Protective Equipment, Measurement and Marking Tools, Manual Tools, Electric/ Power Tools, Housekeeping- Materials, Tools and Equipment, Theme based props	

## Module 5: Boat design interpretation and planning

Mapped to FFS/N2226, v 1.0

### Terminal Outcomes:

- Describe the process of interpreting boat design plans and drawings to understand the specifications and requirements for the wooden boat.
- Display skills to perform calculations relating to drawings and specifications in wooden boat making.
- Discuss the significance of incorporate feedback from senior boat makers or clients into the boat design for refinement and enhancement.
- Prepare a comprehensive materials list, including types and quantities of wood and other components required for boat construction.
- Discuss the process of estimating the cost and time required for boat construction based on the finalized design.

<b>Duration: 04:00</b>	<b>Duration: 20:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Explain boat design principles, including reading and interpreting boat design plans and drawings.</li> <li>• Describe the functional and ergonomic aspects of the boat's design, considering factors such as seating arrangement, storage capacity, and accessibility.</li> <li>• Explain relevant mathematical concepts and principles applied in wooden boat making.</li> <li>• Explain the significance of the feedback received to identify valuable insights and areas for improvement in the boat design.</li> <li>• Explain the performance characteristics of different wood types and materials to select the most appropriate options for the boat's construction.</li> <li>• Describe the process of estimating the cost and time required for boat construction</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate proficiency in interpreting relevant design plan and drawings for wooden boat construction.</li> <li>• Analyze design elements in the boat plans and visualize the final form of the wooden boat, considering factors like proportions, aesthetics, and functionality.</li> <li>• Perform accurate calculations based on the drawings and specifications to ensure precise implementation of design elements in the wooden boat making process</li> <li>• Actively seek and incorporate feedback from senior boat makers or clients to make necessary adjustments and improvements to the boat design.</li> <li>• Demonstrate effective organization and documentation skills in preparing the materials list and related information.</li> <li>• Estimate the cost and time accurately for boat construction based on the finalized design, considering materials, labour, and other relevant factors.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional)	
<b>Tools, Equipment, and Other Requirements</b>	
Measurement and Marking Tools, Sample of workplace documentation, Sample feedback form, Sample boat drawings, Different wood samples.	

## Module 6: Preparing work area for boat making

Mapped to FFS/N2226, v 1.0

### Terminal Outcomes:

- Discuss the process of preparing the work area, ensuring it is safe and equipped with the necessary tools and materials for boat construction.
- Demonstrate the process of organizing and setting up the workspace efficiently for smooth boat-building operations.
- Describe the consideration for creating supporting constructing structure with all necessary elements based on the boat type.
- Explain the process of hulking in a wooden boat construction.

<b>Duration: 04:00</b>	<b>Duration: 32:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Discuss the importance of maintaining a safe work area for boat construction and identify the necessary tools and materials required for the task.</li> <li>• Describe the different stages of boat construction and allocate appropriate space for each stage.</li> <li>• Explain workflow optimization and workspace organization for boat construction.</li> <li>• Explain different boat types and their construction requirements.</li> <li>• Describe structural elements and techniques used in boat construction.</li> <li>• Explain the relevant boat hull design and building methods.</li> <li>• Describe the process of calculating the required plank sizes and patterns to cover the hull surface efficiently.</li> </ul>	<ul style="list-style-type: none"> <li>• Set up a safe and well-equipped work area for boat construction, ensuring all necessary tools and materials are readily available.</li> <li>• Arrange tools and equipment in a systematic manner to ensure they are easily reachable and organized.</li> <li>• Set up a supporting constructing structure tailored to the specific boat type, incorporating all necessary elements to facilitate the boat-building process.</li> <li>• Construct the hull support structure, following the boat's hull design and employing suitable hull building methods</li> <li>• Install, Prepare and shape planks according to the dimensions and patterns specified in the boat's blueprints.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Measurement and Marking Tools, Manual Tools, Electric/ Power Tools, Theme based props.	

## Module 7: Marking and measurement of boat specifications

Mapped to FFS/N2227, v 1.0

### Terminal Outcomes:

- Discuss the process of preparing and using jigs and templates as required for the desired shape and size in boat making.
- Demonstrate how to measure and cut wooden materials according to the approved boat design.
- Discuss the importance and usage requirements for tools in precise wood cutting for boat construction.

<b>Duration: 02:00</b>	<b>Duration: 12:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Explain the different types of jigs and templates used in various stages of boat building</li> <li>• List the commonly used woods in boat construction along with their specifications</li> <li>• Explain measurement techniques and tools used in boat construction</li> <li>• Describe different wood cutting methods and techniques for boat construction</li> <li>• Describe the importance of surface preparation processes for ensuring proper adhesion</li> </ul>	<ul style="list-style-type: none"> <li>• Use jigs and templates during lofting to transfer the boat's design onto the building platform or materials</li> <li>• Identify and select appropriate types of wood for boat construction based on design requirements</li> <li>• Perform measurement and marking on wooden materials using appropriate tools based on boat design</li> <li>• Utilize appropriate wood cutting methods and techniques to cut wooden materials precisely as required for boat construction</li> <li>• Execute surface preparation processes effectively to ensure proper adhesion of materials in boat construction</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Measurement and Marking Tools, Manual Tools, Electric/ Power Tools.	

## Module 8: Assembly of boat components

Mapped to FFS/N2227, v 1.0

### Terminal Outcomes:

- Discuss the process of assembling wooden boat components using appropriate fastening techniques.
- Explain various assembly techniques and tools used for boat making.

<b>Duration: 02:00</b>	<b>Duration: 10:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Describe the specific considerations for choosing the appropriate fastening method based on boat design and material type.</li> <li>• Explain different fastening techniques commonly used in boat construction.</li> <li>• Explain the principles of joinery and assembly techniques used to achieve secure connections and alignments.</li> <li>• List various tools and techniques for checking alignment and connections in boat making.</li> </ul>	<ul style="list-style-type: none"> <li>• Assemble wooden boat components using appropriate nailing techniques, ensuring they are securely fastened without causing damage to the wood.</li> <li>• Implement joinery techniques with precision to create strong and secure connections between boat components.</li> <li>• Utilize appropriate tools and techniques to verify the alignment and connections of wooden components during the assembly process.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Measurement and Marking Tools, Manual Tools, Electric/ Power Tools.	

## Module 9: Shaping of boat components

Mapped to FFS/N2227, v 1.0

### Terminal Outcomes:

- Demonstrate the process of shaping and forming wooden surfaces to the desired specifications with smooth and precise finishes.
- Explain the significance of different coatings and heating techniques for boat shaping process.
- Discuss the requirement of appropriate treatments and sealants to protect the wood from rot, pests, and other environmental factors.

<b>Duration: 02:00</b>	<b>Duration: 12:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Discuss the importance of shaping and forming wooden surfaces to achieve the desired aesthetics and functionality in the boat</li> <li>• Describe the different techniques used to shape and form wooden surfaces in boat making</li> <li>• Explain the critical factors affecting the success of plank bending using different techniques</li> <li>• Explain the various bonding techniques used for joining metal sheets and fibre sheets in boat construction</li> <li>• Explain the pre-requisites for surface preparation and application techniques to ensure effective wood protection</li> <li>• Describe different types of wood preservatives and sealants available in boat making</li> </ul>	<ul style="list-style-type: none"> <li>• Shape and form wooden surfaces to the desired specifications utilizing various wood shaping tools and equipment</li> <li>• Apply appropriate coatings and heating to the wooden planks to bend them into the needed shapes during boat construction</li> <li>• Apply appropriate bonding techniques accurately to join metal sheets and fibre sheets effectively in boat construction</li> <li>• Perform surface preparation, including cleaning, sanding, and removing old coatings, before applying treatments and sealants</li> <li>• Select and apply suitable wood preservatives and sealants based on the type of wood used and the boat's application</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Personal Protective Equipment, Shaping and sizing jigs and fixtures.	



## Module 10: Installation of boat components and other accessories

Mapped to FFS/N2227, v 1.0

### Terminal Outcomes:

- Discuss the process of installing additional boat features and accessories.
- Discuss various load considerations associated with boat making.

<b>Duration: 02:00</b>	<b>Duration: 12:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• List the different types of boat features and hardware commonly used in boat construction.</li> <li>• Explain the significance of ensuring proper placement and attachment of additional features to the wooden boat structure during boat construction.</li> <li>• Explain boat systems and their operational requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• Install additional boat features, such as seating, storage compartments, and deck hardware, following the design plans accurately and securely.</li> <li>• Conduct thorough inspections and tests to verify the strength and stability of the attached features.</li> <li>• Verify the correct functioning of installed boat components, such as mast, rigging, engine, and electrical systems, through systematic checks and testing.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Manual Tools, Electric/ Power Tools.	

## Module 11: Quality checking and documentation

*Mapped to FFS/N2227, v 1.0*

### Terminal Outcomes:

- Demonstrate the steps to conduct regular quality checks and addressing any defects or deviations from the boat design.
- Discuss the significance of accurate and organized documentation for boat making process.

<b>Duration:</b> 02:00	<b>Duration:</b> 04:00
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Discuss the importance of regular quality checks in ensuring the overall integrity and adherence to boat design specifications.</li> <li>• Identify common defects and deviations that may occur in wooden boat making.</li> <li>• Describe documentation practices and record-keeping methods in boat making.</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct regular quality checks to identify and address any defects or deviations from the boat design during boat construction.</li> <li>• Apply appropriate documentation practices and record-keeping methods to ensure the completeness and traceability of project-related documents.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Quality checking tools, Sample work documentation samples	

## Module 12: Health and safety practices at the worksite

### Mapped to FFS/N8201, v 3.0

#### Terminal Outcomes:

- Describe how to maintain a healthy, safe, and secure environment at the worksite.
- Implement safety practices and optimize the use of resources.
- Demonstrate health and safety procedures.
- Employ personal hygiene practices at the worksite.
- Develop the ability to follow hygiene practices.

<b>Duration: 08:00</b>	<b>Duration: 12:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• List the types of cleaning consumables and equipment.</li> <li>• Describe the various types of waste bins as per usage.</li> <li>• Explain how to label appropriate Personal Protective Equipment (PPE) needed for a job role and application.</li> <li>• Describe the evacuation process in case of fire.</li> <li>• Explain the importance of work ethics, dress code, and personal hygiene.</li> <li>• Explain the operational guidelines for the usage of tools and equipment.</li> <li>• Describe the storage and handling procedure for hazardous substances.</li> <li>• Describe the importance of safe lifting practices and correct body postures.</li> </ul>	<ul style="list-style-type: none"> <li>• Document all possible health, safety, and security breaches at the worksite.</li> <li>• Demonstrate the housekeeping process using appropriate equipment.</li> <li>• Demonstrate the use of personal protective equipment such as goggles, gloves, earplugs, shoes, etc.</li> <li>• Demonstrate how to use a first aid kit.</li> <li>• Demonstrate the correct way of sanitizing and washing hands.</li> <li>• Demonstrate how to maintain a dress code and a well-groomed personality at the worksite.</li> <li>• Demonstrate the correct postures while working and handling hazardous materials at the workplace.</li> <li>• Identify and interpret the given pictorial representations of safety signs and hand signals.</li> <li>• Employ different ways to check if equipment/machines are functioning as per requirements and report malfunctioning.</li> <li>• Demarcate the waste based on recyclable and non-recyclable material.</li> <li>• Demonstrate the correct techniques while moving various types of products.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Personal Protective Equipment, Housekeeping- Materials, Tools and Equipment, Theme based props.	

## Module 13: Greening practices at the worksite

Mapped to FFS/N8201, v 3.0

### Terminal Outcomes:

- Use the resources at the worksite efficiently.
- Apply conservation practices at the worksite.

<b>Duration:</b> 04:00	<b>Duration:</b> 06:00
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Explain the ways for efficient utilization and conservation of material.</li> <li>• Explain the various ways of saving energy.</li> <li>• Explain the benefits of periodic cleaning of tools and equipment.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate ways for efficient utilization of material and water.</li> <li>• Employ different ways to check if tools and equipment are functioning correctly and report anomalies, if any.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Housekeeping- Materials, Tools, and Equipment.	

## Module 14: Employability Skills

Mapped to DGT/VSQ/N0102, v 1.0

### Terminal Outcomes:

- Understand basics of 21st-century learning concepts like Blended Learning, Facilitation & Self Learning.
- Discuss the concept of Employability skills and their importance towards organizational growth.
- Explain the role of Employability skills in the future of work during changing markets and scenarios.
- Demonstrate steps involved in preparing a career plan using a specified tool kit.
- Employ suitable employability skills while working in an organization or at a workplace.
- Demonstrate the process of preparing sample session plans and related templates using the specified toolkit.

<b>Duration: 30:00</b>	<b>Duration: 30:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Discuss the Employability Skills required for jobs in various industries.</li> <li>• Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society, and personal values and ethics such as honesty, integrity, caring, and respecting others that are required to become a responsible citizen.</li> <li>• Discuss importance of relevant 21st century skills.</li> <li>• Describe the benefits of continuous learning</li> <li>• Explain the importance of active listening for effective communication.</li> <li>• Discuss the significance of working collaboratively with others in a team.</li> <li>• Discuss the significance of escalating sexual harassment issues as per the POSH act.</li> <li>• Outline the importance of selecting the right financial institution, product, and service.</li> <li>• Discuss the legal rights, laws, and aids.</li> <li>• Describe the role of digital technology in today's life.</li> <li>• Discuss the significance of displaying responsible online behaviour while browsing, using various social media platforms, e-mails, etc., safely and securely.</li> <li>• Explain the types of entrepreneurship and enterprises.</li> <li>• Discuss how to identify opportunities for potential business, sources of funding and</li> </ul>	<ul style="list-style-type: none"> <li>• List different learning and employability related GOI and private portals and their usage.</li> <li>• Show how to practice different environmentally sustainable practices.</li> <li>• Exhibit 21st century skills like Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life.</li> <li>• Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone.</li> <li>• Read and interpret text written in basic English.</li> <li>• Write a short note/paragraph / letter/e -mail using basic English.</li> <li>• Create a career development plan with well-defined short- and long-term goals.</li> <li>• Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette.</li> <li>• Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD.</li> <li>• Demonstrate how to carry out offline and online financial transactions, safely and securely.</li> </ul>

<p>associated financial and legal risks with its mitigation plan.</p> <ul style="list-style-type: none"> <li>• Describe the 4Ps of Marketing-Product, Price, Place, and Promotion and apply them as per requirement.</li> <li>• Describe the significance of analyzing different types and needs of the customers.</li> <li>• Explain the significance of identifying customer needs and responding to them in a professional manner.</li> <li>• Discuss the significance of maintaining hygiene and dressing appropriately.</li> <li>• Discuss the significance of maintaining hygiene and confidence during an interview.</li> </ul>	<ul style="list-style-type: none"> <li>• List the common components of salary and compute income, expenditure, taxes, investments, etc.</li> <li>• Demonstrate how to operate digital devices and use the associated applications and features, safely and securely.</li> <li>• Create sample word documents, excel sheets, and presentations using basic features.</li> <li>• utilize virtual collaboration tools to work effectively.</li> <li>• Create a sample business plan, for the selected business opportunity.</li> <li>• Create a professional Curriculum Vitae (CV).</li> <li>• Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively.</li> <li>• Perform a mock interview.</li> <li>• List the steps for searching and registering for apprenticeship opportunities.</li> </ul>
<p><b>Classroom Aids</b></p>	
<p>White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).</p>	
<p><b>Tools, Equipment, and Other Requirements</b></p>	
<p>Sample CV and Biodata, Payment Gateway Devices, Sample Business Plan, Sample formats for English communication.</p>	

## Module 15: Test Project on Wooden Boat Making

### Bridge Module

#### Terminal Outcomes:

- Demonstrate the various stages involved in wooden boat making.
- Explain the process of assembly and installation of different boat components, hardware and accessories based on boat designs.

<b>Duration: 00:00</b>	<b>Duration: 30:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
	<ul style="list-style-type: none"> <li>• Demonstrate the various operations involved in the wooden boat making.</li> <li>• Perform measurement, marking, cutting, assembly, shaping and installation of boat components based on test project details.</li> <li>• Demonstrate the correct usage of tools and equipment for boat making.</li> <li>• Apply appropriate treatments and sealants to protect the wood from rot, pests, and other environmental factors.</li> <li>• Install additional boat features, such as seating, storage compartments, and deck hardware, according to the design plans.</li> <li>• Prepare the test project as per the specifications in the given timeline.</li> <li>• Employ suitable housekeeping methods while performing test projects.</li> </ul>
<b>Classroom Aids</b>	
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).	
<b>Tools, Equipment, and Other Requirements</b>	
Personal Protective Equipment, Measurement and Marking Tools, Manual Tools, Electric/ Power Tools, Housekeeping- Materials, Tools and Equipment, Theme-based props.	

## Module 16: On-the Job Training for assisting in wooden boat making at worksite

Mapped to FFS/Q2205 v 1.0

<b>Mandatory Duration: 120:00</b>	<b>Recommended Duration: 00:00</b>
<b>Module Name: On-the-Job Training</b>	
<b>Location: On Site</b>	
<b>Terminal Outcomes</b>	
<ul style="list-style-type: none"> <li>• Interpret the job work details received from the supervisor.</li> <li>• Apply planning strategies to organize and prioritize work tasks.</li> <li>• Coordinate and communicate with various departments for material movement.</li> <li>• Evaluate and select the necessary materials, tools, and equipment for different job tasks.</li> <li>• Demonstrate the usage of different material handling tools and equipment.</li> <li>• Assess potential health and safety hazards during site recce and take appropriate measures.</li> <li>• Execute the marking of the wood and accurate measurements.</li> <li>• Create accurate measurement sheets and documentation.</li> <li>• Deliver measurement sheets to the supervisor in a timely manner.</li> <li>• Maintain organized records of materials, tools, and equipment.</li> <li>• Apply proper methods for disposing of combustible waste products.</li> <li>• Organize and update records of materials, tools, and equipment.</li> <li>• Assess and maintain a clean and safe work area with appropriate safeguards.</li> <li>• Ensure the functionality of power sockets for job tasks.</li> <li>• Demonstrate proper cleaning and maintenance techniques for tools and equipment.</li> <li>• Develop a schedule and follow maintenance procedures.</li> <li>• Interpret and analyze CAD-based or conventionally prepared drawings and specifications.</li> <li>• Identify different types of timber and timber-based materials.</li> <li>• Apply appropriate techniques for marking, cutting, bending, planning, and shaping wood.</li> <li>• Utilize sanding papers and tools to smoothen wooden surfaces.</li> <li>• Conduct visual checks for errors or damages in wood or given parts.</li> <li>• Evaluate the overall accuracy and quality of measurements, fitting, rigidity, etc.</li> <li>• Rectify defects found in any members of the product.</li> <li>• Analyze assembly drawings and instructions.</li> <li>• Apply appropriate techniques for measuring, segregating, assembling, and erecting structures.</li> <li>• Collaborate with others to avoid damage to components during assembly and installation.</li> <li>• Apply techniques to prepare accurate joints and intersections.</li> <li>• Utilize wood fillers and sanding papers to achieve specified finishing standards.</li> <li>• Assist in the installation and fastening of boat components using appropriate methods.</li> <li>• Analyze and identify appropriate slots for boat components installation.</li> <li>• Evaluate and conduct regular checks to ensure defect-free installations.</li> </ul>	



## Annexure

### Trainer Requirements

Trainer Prerequisites – either one of the 6 options						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate	Engineering (Civil, Mechanical), Architecture, Interior Design, Furniture Manufacturing, Wood Work, Product Design or Any other discipline	3	Furniture manufacturing/ Furniture Design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
ITI	Carpentry, Furniture Manufacturing	4	Furniture manufacturing/ Furniture Design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
Diploma	Carpentry, Furniture Manufacturing	4	Furniture manufacturing/ Furniture Design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
Certificate-NSQF	NSQF Level 4 Assistant Wooden Boat Maker (FFS/Q2205)	4	Furniture manufacturing/ Furniture design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Required- Work Experience and Recommendation letter from Employer, Certificates of Training from companies. Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.



Certificate-NSQF	NSQF Level 4.5 Wooden Boat Maker (FFS/Q2206) Or Above	3	Furniture manufacturing/ Furniture design/ Furniture Installation/ Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Required- Experience and Recommendation letter from Employer, Certificates of Training from companies. Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
Grade 8	Grade 8 Pass	5	Furniture manufacturing/ Furniture design/ Furniture Installation/ Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
Trainer Certification						
Domain Certification			Platform Certification			
Certified for Job Role: "Assistant Wooden Boat Maker" mapped to QP: "FFS/Q2205, v1.0" Level 4.  The minimum accepted score will be 80% aggregate.			Recommended that the Trainer is certified for the Job Role: "Trainer (VET and Skills)", mapped to the Qualification Pack: "MEP/Q2601, v2.0".  The minimum accepted score will be 80% aggregate.			

## Assessor Requirements

### Assessor Prerequisites - either one of the 6 options

Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate	Engineering (Civil, Mechanical), Architecture, Interior Design, Furniture Manufacturing, Wood Work, Product Design or Any other discipline	3	Furniture manufacturing/ Furniture Design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
ITI	Carpentry, Furniture Manufacturing	4	Furniture manufacturing/ Furniture Design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
Diploma	Carpentry, Furniture Manufacturing	4	Furniture manufacturing/ Furniture Design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
Certificate-NSQF	NSQF Level 4 Assistant Wooden Boat Maker (FFS/Q2205)	4	Furniture manufacturing/ Furniture design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Required- Work Experience and Recommendation letter from Employer, Certificates of Training from companies. Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.



Certificate- NSQF	NSQF Level 4.5 Wooden Boat Maker (FFS/Q2206) Or Above	3	Furniture manufacturing/ Furniture design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Required- Work Experience and Recommendation letter from Employer, Certificates of Training from companies. Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
Grade 8	Grade 8 Pass	5	Furniture manufacturing/ Furniture design/ Furniture Installation/Carpentry/ Interior Design/ Architecture	1	Preferable - Vocational or Academic Training	Preferable - Additional Certification related to specialization in furniture or interior design sector (Software like AutoCAD, etc.), Communication Skills.
<b>Assessor Certification</b>						
<b>Domain Certification</b>			<b>Platform Certification</b>			
Certified for Job Role: “Assistant Wooden Boat Maker” mapped to QP: “FFS/Q2205, v1.0” Level 4.  The minimum accepted score will be 80% aggregate.			Recommended that the Assessor is certified for the Job Role: “Assessor (VET and Skills)”, mapped to the Qualification Pack: “MEP/Q2701, v2.0”.  The minimum accepted score will be 80% aggregate.			

## Assessment Strategy

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

At FFSC, we believe in gauging a candidate's performance, a holistic approach for Assessment is essential. We have devised a multi-tier process to keep track of candidate's overall progress at various stages. While a few techniques are imbibed as part of the training delivery program, others are explicit testing methods. 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 regularly to gauge the candidate's progress during the training program. These are a mix of Theory & 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. The Trainer can consult the Master Trainer/ Program Mentor regarding training delivery or conducting periodic assessments.

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

### 2. External

#### a. Assessment Partners/ Freelance Assessors:

Assessment Partners shall mandatorily conduct an external assessment via ToA certified Assessors or ToA certified Freelance Assessors. There are three critical 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 & Assessment Team or any other assigned authority by FFSC may conduct surprise or planned visits and checks from a quality assurance and monitoring perspective.

The requirements and details of each stage are 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 essential to be compiled:

- a. Check the availability of the Lab Equipment for the particular Job Role as per the mode of conducting the 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 & Assessment Monitoring Team for Assessment Quality Assurance checks.
- g. Ensure evidence of conducting Assessment gathered as per FFSC protocol:
  - i. Time-stamped & geotagged 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 & geotagged assessment (Theory + Viva + Practical) photographs & 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 & photographs of the Assessment are uploaded/accessed from Cloud Storage
- d. Soft copies of the documents & 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 program.

## References

## Glossary

Term	Description
<b>Declarative Knowledge</b>	Declarative knowledge refers to facts, concepts, and principles that need to be known and/or understood in order to accomplish a task or to solve a problem.
<b>Key Learning Outcome</b>	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order 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).
<b>OJT (M)</b>	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on-site
<b>OJT (R)</b>	On-the-job training (Recommended); trainees are recommended the specified hours of training on-site
<b>Procedural Knowledge</b>	Procedural knowledge addresses how to do something or how to perform a task. It is the ability to work or produce a tangible work output by applying cognitive, affective, or psychomotor skills.
<b>Training Outcome</b>	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training.
<b>Terminal Outcome</b>	The terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.

## Acronyms and Abbreviations

Term	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
CAD	Computer Aided Design