

Government of Pakistan

**National Vocational and Technical Training Commission**

**Prime Minister's Hunarmand Pakistan Program**

"Skills for All"



**Course Contents/ Lesson Plan**

**Course Title:** Paint less Dent Repair & Vehicle Paint Technician

**Duration:** 6 Months

## Revised Edition

<b>Trainer Name</b>	
<b>Course Title</b>	<b>Paint less Dent Repair &amp; Vehicle Paint Technician</b>
<b>Objectives and Expectations</b>	<p><b>Employable skills and hands on practice for Paint less Dent Repair &amp; Vehicle Paint Technician</b></p> <p>The aim for the team of staff responsible for delivery of the advanced Paint less dent repair and paint technician curriculum is to provide knowledge and develop skills related to the Paint less dent repair and paint technician. The course will allow participants to gain a comprehensive understanding of all the aspects. It will also develop the participant's ability to act in a professional and responsible manner.</p> <p>Teaching staff will provide the technical knowledge and abilities required to solve tasks and problems that are goal-oriented. They will use participant-centered, practically oriented methods. They will also develop a program of practical assessment that reflects the learning outcomes stated in the curriculum. Trainees of the Paint less dent repair and paint technician curriculum will also develop their willingness and ability as individuals to clarify issues, as well as think through and assess development opportunities.</p> <p>Teaching staff will also support trainees in developing characteristics such as self-reliance, reliability, responsibility, a sense of duty and a willingness and ability to criticize and accept criticism well and to adapt their future behavior accordingly.</p> <p>Teaching staff also use the Paint less dent repair and paint technician curriculum to address the development of professional competence. Trainees will acquire the ability to work in a professional environment.</p> <p><b><u>Main Expectations:</u></b></p> <p>By the end of this course, the trainees should gain the following competencies:</p> <ul style="list-style-type: none"><li>• To apply safety precautions and waste disposal</li><li>• Select, use and handle paint less vehicle dent repair hand tools, workshop tools, safely and efficiently</li></ul>

- Assessment of damage dent and paint
- Perform putty shaping
- Perform spray gun operation
- Perform primer mixing
- Perform primer application
- Perform color matching
- Perform top coat paint mixing
- Perform top cot paint application
- Perform Polishing
- Perform vehicle inspection
- Perform repair cost estimation
- Perform paint defect diagnosing

This course thus clearly goes beyond the domain of the traditional training practices in vogue and underscores an expectation that a market centric approach will be adopted as the main driving force while delivering it. The instructors should therefore be experienced enough to be able to identify the training needs for the possible market roles available out there. Moreover, they should also know the strengths and weaknesses of each individual trainee to prepare them for such market roles during/after the training.

1. Specially designed practical tasks to be performed by the trainees have been included in the Annexure-I to this document. The record of all tasks performed individually or in groups must be preserved by the management of the training Institute clearly labeling name, trade, session etc so that these are ready to be physically inspected/verified through monitoring visits from time to time. The weekly distribution of tasks has also been indicated in the weekly lesson plan given in this document.
2. In order to materialize the main expectations, a special module on **Job Search & Entrepreneurial Skills** has been included in the later part of this course (5<sup>th</sup> & 6<sup>th</sup> month) through which, the trainees will be made aware of the Job search techniques in the local as well as international job markets (Gulf countries). Awareness around the visa process and

immigration laws of the most favoured labour destination countries also forms a part of this module. Moreover, the trainees would also be encouraged to venture into self-employment and exposed to the main requirements in this regard. It is also expected that a sense of civic duties/roles and responsibilities will also be inculcated in the trainees to make them responsible citizens of the country.

3. A module on **Workplace Ethics** has also been included to highlight the importance of good and positive behavior at work place in the line with the best practices elsewhere in the world. An outline of such qualities has been given in the Appendix to this document. Its importance should be conveyed in a format that is attractive and interesting for the trainees such as through PPT slides +short video documentaries. Needless to say that if the training provider puts his heart and soul into these otherwise non-technical components, the image of Pakistani workforce would undergo a positive transformation in the local as well as international job markets.

In order to maintain interest and motivation of the trainees throughout the course, modern techniques such as:

- Motivational Lectures
- Success Stories
- Case Studies

These techniques would be employed as an additional training tool wherever possible (these are explained in the subsequent section on Training Methodology).

Lastly, evaluation of the competencies acquired by the trainees will be done objectively at various stages of the training and proper record of the same will be maintained. Suffice to say that for such evaluations, practical tasks would be designed by the training providers to gauge the problem solving abilities of the trainees.

### 1. **Motivational Lectures**

The proposed methodology for the training under reference employs motivation as a tool. Hence besides the purely technical content, a trainer is required to include elements of motivation in his/her lecture. To inspire the trainees to utilize the training opportunity to the full and strive towards professional excellence. Motivational lectures may also include general topics such as the importance of moral values and civic role & responsibilities as a Pakistani. A motivational lecture should be delivered with enough zeal to produce a deep

impact on the trainees. It may comprise of the following:

1. Clear Purpose to convey message to trainees effectively.
2. Personal Story to quote as an example to follow.
3. Trainees fit so that the situation is actionable by trainees and not represent a just idealism.
4. Ending Points to persuade the trainees on changing themselves.

A good motivational lecture should help drive creativity, curiosity and spark the desire needed for trainees to want to learn more.

Impact of a successful motivational strategy is amongst others commonly visible in increased class participation ratios. It increases the trainees' willingness to be engaged on the practical tasks for longer time without boredom and loss of interest because they can clearly see in their mind's eye where their hard work would take them in short (1-3 years); medium (3 -10 years) and long term (more than 10 years).

As this tool is expected that the training providers would make arrangements for regular well-planned motivational lectures as part of a coordinated strategy interspersed throughout the training period as suggested in the weekly lesson plans in this document

*\*Details at Annexure-II*

## **5. Success Stories**

Another effective way of motivating the trainees is by means of Success Stories. Its inclusion in the weekly lesson plan at regular intervals has been recommended till the end of the training.

A success story may be disseminated orally, through a presentation or by means of a video/documentary of someone that has risen to fortune, acclaim, or brilliant achievement. A success story shows how a person achieved his goal through hard work, dedication, and devotion. An inspiring success story contains compelling and significant facts articulated clearly and easily comprehensible words. Moreover, it is helpful if it is assumed that the reader/listener knows nothing of what is being revealed. Optimum impact is created when the story is revealed in the form of:-

1. Directly in person (At least 2-3 cases must be arranged by the training institute)
2. Through an audio/ videotaped message (2-3 high quality videos

must be arranged by the training institute)

It is expected that the training provider would collect relevant high-quality success stories for inclusion in the training as suggested in the weekly lesson plan given in this document.

Suggestive structure and sequence of a sample success story and its various shapes can be seen at *Annexure III*.

### **3. Case Studies**

Where a situation allows, case studies can also be presented to the trainees to widen their understanding of the real-life specific problem/situation and to explore the solutions.

In simple terms, the case study method of teaching uses a real-life case example/a typical case to demonstrate a phenomenon in action and explain theoretical as well as practical aspects of the knowledge related to the same. It is an effective way to help the trainees comprehend in depth both the theoretical and practical aspects of the complex phenomenon in depth with ease. Case teaching can also stimulate the trainees to participate in discussions and thereby boost their confidence. It also makes classroom atmosphere interesting thus maintaining the trainee interest in training till the end of the course.

Depending on suitability to the trade, the weekly lesson plan in this document may suggest case studies to be presented to the trainees. The trainer may adopt a power point presentation or video format for such case studies whichever is deemed suitable but it's important that only those cases are selected that are relevant and of a learning value.

The Trainees should be required and supervised to carefully analyze the cases.

For the purpose they must be encouraged to inquire and collect specific information / data, actively participate in the discussions, and intended solutions of the problem / situation.

Case studies can be implemented in the following ways: -

1. A good quality trade specific documentary (At least 2-3 documentaries must be arranged by the training institute)
2. Health & Safety case studies (2 cases regarding safety and industrial accidents must be arranged by the training institute)
3. Field visits (At least one visit to a trade specific major industry/ site

	must be arranged by the training institute)
<b>Entry level of trainees</b>	
<b>Learning Outcomes of the course</b>	<p><b>By the end of this course, the trainees should gain the following competencies:</b></p> <ul style="list-style-type: none"> <li>• To apply safety precautions and waste disposal</li> <li>• Select, use and handle paint less vehicle dent repair hand tools, workshop tools, safely and efficiently</li> <li>• Assessment of damage dent and paint</li> <li>• Perform putty shaping</li> <li>• Perform spray gun operation</li> <li>• Perform primer mixing</li> <li>• Perform primer application</li> <li>• Perform color matching</li> <li>• Perform top coat paint mixing</li> <li>• Perform top cot paint application</li> <li>• Perform Polishing</li> <li>• Perform vehicle inspection</li> <li>• Perform repair cost estimation</li> <li>• Perform paint defect diagnosing</li> </ul>
<b>Course Execution Plan</b>	<p>Total duration of course:<b>6 months (26 Weeks)</b></p> <p>Class hours:<b>4 hours per day</b></p> <p>Theory:<b>20%</b></p> <p>Practical: <b>80%</b></p> <p>Weekly hours: <b>20 hours per week</b></p> <p>Total contact hours: <b>520hours</b></p>
<b>Companies offering jobs in the respective trade</b>	<ul style="list-style-type: none"> <li>• Self-business</li> <li>• 3S Dealer Ship</li> <li>• Automobile manufacturing plant</li> <li>• Car work shop</li> <li>• Heavy duty work shop</li> </ul>

	<ul style="list-style-type: none"> <li>• Government Department (maintenance &amp; repair)</li> <li>• Private fleets and garages</li> </ul>
<b>Job Opportunities/job titles</b>	<p>All over the world there is a high demand in the Automobile Paint-Less dent repair &amp; Paint Technician Technology and he will be able to work 3S Dealer Ship, Automobile manufacturing plant, Private fleets and garages, to our youth. There are also opportunities for start-up entrepreneurship due to the high demand in the market in following designated jobs:</p> <ul style="list-style-type: none"> <li>• Paint-Less Dent Repair Technician</li> <li>• Paint Technician</li> <li>• Service Advisor</li> <li>• Vehicle inspector</li> <li>• Color Matcher</li> <li>• Body Shop supervisor</li> <li>• Paint Shop supervisor</li> </ul>
<b>No of Students</b>	25
<b>Learning Place</b>	<ol style="list-style-type: none"> <li>1. Classrooms</li> <li>2. Lab</li> </ol>
<b>Instructional Resources</b>	<p><b>Development Platform:</b></p> <ul style="list-style-type: none"> <li>• <a href="https://hotgun.com/">https://hotgun.com/</a></li> <li>• <a href="https://3m.com/">https://3m.com/</a></li> </ul> <p><b>Learning Material:</b></p> <ul style="list-style-type: none"> <li>• <a href="https://toyotachenicalprogram.com/">https://toyotachenicalprogram.com/</a></li> </ul>





## MODULES

Scheduled Weeks	Module Title	Learning Units	Remarks
Week 1	<ul style="list-style-type: none"> <li>➤ Introduction/ Orientation Session</li> <li>➤ Motivational Lecture</li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Motivational Lecture</li> <li>• Course Introduction</li> <li>• Success stories</li> <li>• Job market</li> <li>• Course Applications</li> <li>• Institute/work ethics</li> <li>• Introduction to Safety and Hazard.</li> <li>• Disposal of waste material</li> <li>• Introduction to Paint less dent repair and paint technician technology</li> <li>• Inspection criteria of Paint less dent repair</li> <li>• Introduction of Paint technology</li> <li>• Introduction of color matching</li> </ul>	<p style="text-align: center;"><b>Home Assignment</b></p> <ul style="list-style-type: none"> <li>• Task 1</li> </ul> <p><u>Details may be seen at Annexure-</u></p>
Week 2	<p><b>Chapter 1</b></p> <ul style="list-style-type: none"> <li>➤ Success stories</li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p> <ul style="list-style-type: none"> <li>➤ Safety</li> </ul>	<ul style="list-style-type: none"> <li>• Describe safe working practices that should be Adhered to in the work place</li> <li>• Describe essential health and Safety requirements for the protection of technician</li> <li>• Body &amp; paint workshop associated hazard i.e. Inflammable material insufficient light &amp; visibility Improper ventilation, Improper utilization of tool</li> <li>• Types of fire and types of fire extinguishers and their use. Including focus on use of RPE (Respiratory Protective Equipment) , designated safe areas, first aid treatment. Describe types and classification of health and safety signs that are used in an engineering/manufacturing environment.</li> </ul>	<ul style="list-style-type: none"> <li>• Task 2</li> <li>• Task 3</li> </ul> <p><u>Details may be seen at Annexure-I</u></p>

<p><b>Week 3</b></p>	<p><b>Chapter 2</b></p> <ul style="list-style-type: none"> <li>➤ <b>Fundamental of Automobile</b></li> <li>➤ <b>Motivational Lecture</b></li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Identify Classification of vehicles</li> <li>• Identify Engine component</li> <li>• Identify Drive Train component</li> <li>• Identify Chassis component</li> <li>• Identify Body Electrical component</li> </ul>	<p>• <b>Task 4</b></p> <p><u>Details may be seen at Annexure-I</u></p>
<p><b>Week 4</b></p>	<p><b>Chapter 3</b></p> <ul style="list-style-type: none"> <li>➤ <b>Basic element of body and paint</b></li> </ul> <p><b>Chapter 4</b></p> <ul style="list-style-type: none"> <li>➤ <b>Tools &amp; Equipment</b></li> <li>➤ <b>Success stories</b></li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Identify Classification of vehicles</li> <li>• Identify Engine component</li> <li>• Identify Drive Train component</li> <li>• Identify Chassis component</li> <li>• Identify Body Electrical component</li> <li>• Use clean &amp; store of Hand Tools</li> <li>• Conduct Measuring exercise using different measuring tools such as micrometer, Vernier caliper, weighing scale, straight gauge, ruler</li> <li>• Conduct exercise for handling and maintenance of tools equipment and Machinery such as compressor, paint booth, dry sanding machine, Infrared dryer, power &amp; pneumatic tool, spray gun etc.</li> </ul>	<p>• <b>Task 5</b></p> <p><u>Details may be seen at Annexure-I</u></p>
<p><b>Week 5</b></p>	<p><b>Chapter 5</b></p> <ul style="list-style-type: none"> <li>➤ <b>Material used for Automotive paint</b></li> <li>➤ <b>Motivational Lecture</b></li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Demonstrate the different types of Automotive Paints, Putty, Primer Surfacer, Masking Material, Top Coat Paint, Diluting Agent Other Paint Refinish Material</li> <li>• Demonstrate MSDS material safety data sheet and there use</li> </ul>	<p>• <b>Task 6</b></p> <p><u>Details may be seen at Annexure-I</u></p>

<p><b>Week 6</b></p>	<p><b>Chapter 6</b></p> <ul style="list-style-type: none"> <li>➤ <b>Carry out paint-less dent repair</b></li> <li>➤ <b>Success stories</b></li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Inspection and identify the defects</li> <li>• Polishing of required area</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 7</b></li> </ul> <p><i><u>Details may be seen at Annexure-I</u></i></p>
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<p><b>Week 7</b></p>	<p><b>Chapter 6</b></p> <ul style="list-style-type: none"> <li>➤ <b>Carry out paint-less dent repair</b></li> <li>➤ <b>Motivational Lecture</b></li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Understanding of dent and bump</li> <li>• Paint-less dent repair method and technique</li> </ul>	<p><b>•Task 8</b></p> <p><i><u>Details may be seen at Annexure-I</u></i></p>
<p><b>Week 8</b></p>	<p><b>Chapter 6</b></p> <p><b>Carry out paint-less dent repair</b></p> <ul style="list-style-type: none"> <li>➤ <b>Success stories</b></li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Understanding of dent and bump</li> <li>• Paint-less dent repair method and technique</li> </ul>	<p><i><u>Details may be seen at Annexure-I</u></i></p>
<p><b>Week 9</b></p>	<p><b>Chapter 6</b></p> <p><b>Carry out paint-less dent repair</b></p> <ul style="list-style-type: none"> <li>➤ <b>Motivational Lecture</b></li> </ul> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Use Special tools for paint-less dent repairing</li> </ul>	<p><b>• Task 9</b></p> <p><i><u>Details may be seen at Annexure-I</u></i></p>

<b>Week 10</b>	<b>Chapter 6</b>  <b>Carry out paint-less dent repair</b>  ➤ <b>Success stories</b>  <i>(For further detail please see Page No: 5 &amp; 6)</i>	<ul style="list-style-type: none"> <li>• Use of hammer and dolly, punches</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 10</b></li> </ul> <i><u>Details may be seen at Annexure-I</u></i>
<b>Week 11</b>	<b>Chapter 6</b>  <b>Carry out paint-less dent repair</b>  ➤ <b>Motivational Lecture</b>  <i>(For further detail please see Page No: 5 &amp; 6)</i>	<ul style="list-style-type: none"> <li>• preparation and perform PDR work</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 11</b></li> </ul> <i><u>Details may be seen at Annexure-I</u></i>
<b>Week 12</b>	<b>Chapter 6</b>  <b>Carry out paint-less dent repair</b>  ➤ <b>Success stories</b>  <i>(For further detail please see Page No: 5 &amp; 6)</i>	<ul style="list-style-type: none"> <li>• Perform PDR work on front door L/H</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 12</b></li> </ul> <i><u>Details may be seen at Annexure-I</u></i>
<b>Week 13</b>	<b>Chapter 6</b>	<ul style="list-style-type: none"> <li>• Perform PDR work on front door R/H</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 13</b></li> </ul>

	<p><b>Carry out paint-less dent repair</b></p> <p>➤ <b>Motivational Lecture</b></p> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>		<p><i><u>Details may be seen at Annexure-I</u></i></p>
	<p><b>Build your CV</b></p>	<p>Download professional CV template from any good site (<a href="https://www.coolfreecv.com">https://www.coolfreecv.com</a> or relevant)</p> <ul style="list-style-type: none"> <li>• Add Personal Information</li> <li>• Add Educational details</li> <li>• Add Experience/Portfolio</li> <li>• Add contact details/profile links</li> <li>•</li> </ul>	
<p><b>Week 14</b></p>	<p><b>Chapter 6</b></p> <p><b>Carry out paint-less dent repair</b></p> <p>➤ <b>Success stories</b></p> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Perform PDR work on Rear door R/H</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 14</b></li> </ul> <p><i><u>Details may be seen at Annexure-I</u></i></p>
<p><b>Week 15</b></p>	<p><b>Chapter 6</b></p> <p><b>Carry out paint-less dent repair</b></p> <p>➤ <b>Motivational Lecture</b></p> <p><i>(For further detail please see Page</i></p>	<ul style="list-style-type: none"> <li>• Perform PDR work on Rear door L/H</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 15</b></li> </ul> <p><i><u>Details may be seen at Annexure-I</u></i></p>

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<p><b>Week 15</b></p>	<p><b>Chapter 6</b></p> <p><b>Carry out paint-less dent repair</b></p> <p>➤ <b>Motivational Lecture</b></p> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Perform PDR work on Rear door L/H</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 15</b></li> </ul> <p><i><u>Details may be seen at Annexure-I</u></i></p>
<p><b>Week 16</b></p>	<p><b>Chapter 6</b></p> <p><b>Carry out paint-less dent repair</b></p> <p>➤ <b>Success stories</b></p> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Perform PDR work on Hood</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 16</b></li> </ul> <p><i><u>Details may be seen at Annexure-I</u></i></p>
<p><b>Week 17</b></p>	<p><b>Chapter 6</b></p> <p><b>Carry out paint-less dent repair</b></p> <p>➤ <b>Motivational Lecture</b></p> <p><i>(For further detail please see Page No: 5 &amp; 6)</i></p>	<ul style="list-style-type: none"> <li>• Perform PDR work on Luggage</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 17</b></li> </ul> <p><i><u>Details may be seen at Annexure-I</u></i></p>
	<p><b>Create an account profile on Fiverr</b></p>	<p>Create an account by following these steps:</p>	<ul style="list-style-type: none"> <li>• <b>Task 18</b></li> </ul>

	<b>(at least two gigs) and Upwork</b>	Step 1: Personal Info Step 2: Professional Info Step 3: Linked Accounts <ul style="list-style-type: none"> <li>Step 4: Account Security</li> </ul>	<i>Details may be seen at Annexure-I</i>
<b>Week 18</b>	<b>Mid-Term Assignment</b>		
<b>Week 19</b>	<b>Chapter 6</b>  <b>Carry out paint-less dent repair</b>  ➤ <b>Motivational Lecture</b>  <i>(For further detail please see Page No: 5 &amp; 6)</i>	<ul style="list-style-type: none"> <li>Perform PDR work on Roof</li> </ul>	<ul style="list-style-type: none"> <li><b>Task 19</b></li> </ul> <i>Details may be seen at Annexure-I</i>
<b>Week 20</b>	<b>Chapter 7</b>  <b>Putty shaping</b>  ➤ <b>Success stories</b>  <i>(For further detail please see Page No: 5 &amp; 6)</i>	<ul style="list-style-type: none"> <li>Perform Assessment of damage</li> <li>Perform Surface Preparation</li> <li>Perform putty application</li> <li>Perform putty drying by infrared heater</li> <li>Perform Putty sanding by machine / Hand sanding block</li> </ul>	<ul style="list-style-type: none"> <li><b>Task 20</b></li> </ul> <i>Details may be seen at Annexure-I</i>
<b>Week 21</b>	<b>Chapter 8</b>  <b>Spray Gun Operation</b>  ➤ <b>Motivational Lecture</b>	<ul style="list-style-type: none"> <li>Spray gun Maintenance</li> <li>Spray gun cleaning</li> <li>Perform spray gun operation</li> <li>Identify the spray gun component</li> </ul>	<ul style="list-style-type: none"> <li><b>Task 21</b></li> </ul> <i>Details may be seen at Annexure-I</i>

	(For further detail please see Page No: 5 & 6)		
<b>Week 22</b>	<b>Chapter 9</b> <b>Primer-Surfacer Application</b> ➤ <b>Success stories</b> (For further detail please see Page No: 5 & 6)	<ul style="list-style-type: none"> <li>• Perform scuffing for Primer Surfacer Application</li> <li>• Perform cleaning &amp; degreasing</li> <li>• Primer Surfacer Application</li> <li>• Perform masking before primer application</li> <li>• Perform primer mixing</li> <li>• Perform primer application</li> <li>• Perform primer drying</li> <li>• Perform primer sanding by machine</li> <li>• Perform primer sanding by hand</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 22</b></li> </ul> <p><u>Details may be seen at Annexure-I</u></p>
<b>Week 23</b>	<b>Chapter 10</b> <b>Color Matching</b> ➤ <b>Success stories</b> (For further detail please see Page No: 5 & 6)	<ul style="list-style-type: none"> <li>• Confirm the color mixture ratio</li> <li>• Perform color combining</li> <li>• Perform test piece application</li> <li>• Perform color comparison</li> <li>• Perform adding of deficient color</li> <li>• Perform fine color matching by spray gun</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 23</b></li> </ul> <p><u>Details may be seen at Annexure-I</u></p>
<b>Week 24</b>	<b>Chapter 11</b> <b>Masking and Top Coating</b> ➤ <b>Motivational Lecture</b> (For further detail please see Page	<ul style="list-style-type: none"> <li>• Perform preparation before masking</li> <li>• Perform masking on opening</li> <li>• Perform masking on gaps</li> <li>• Perform masking on fitting</li> <li>• Perform masking on glass molding</li> <li>• Perform reverse &amp; tunnel masking on the panel</li> <li>• Perform cleaning of paint booth</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 24</b></li> </ul> <p><u>Details may be seen at Annexure-I</u></p>

	No: 5 & 6)	<ul style="list-style-type: none"> <li>• Perform paint mixing according to specified procedure</li> <li>• Perform air blowing on self</li> <li>• perform air blow on vehicle</li> <li>• perform cleaning &amp; degreasing</li> <li>• perform paint pour in spray gun</li> <li>• Perform adjust the spray gun</li> <li>• Perform spot refinishing under specified procedure</li> <li>• Perform block refinishing under specified procedure</li> <li>• Perform complete vehicle painting according to specified procedure</li> <li>• Perform drying according to specified procedure</li> </ul>	
<b>Week 25</b>	<b>Chapter 12</b> <b>Polishing and Paint defects</b> ➤ <b>Motivational Lecture</b> <i>(For further detail please see Page No: 5 &amp; 6)</i>	<ul style="list-style-type: none"> <li>• Perform drying according to specified procedure</li> <li>• Perform assess paint surface dryness</li> <li>• Perform Compound Polishing</li> <li>• Perform finish polishing</li> <li>• Perform cleaning &amp; final inspection</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 25</b></li> </ul> <p><i><u>Details may be seen at Annexure-I</u></i></p>

<p><b>Week 26</b></p>	<p>Entrepreneurship and Final Assessment in project</p>	<ul style="list-style-type: none"> <li>• Job Market Searching</li> <li>• Self-employment</li> <li>• Freelancing sites</li> <li>• Introduction</li> <li>• Fundamentals of Business Development</li> <li>• Entrepreneurship</li> <li>• Startup Funding</li> <li>• Business Incubation and Acceleration</li> <li>• Business Value Statement</li> <li>• Business Model Canvas</li> <li>• Sales and Marketing Strategies</li> <li>• How to Reach Customers and Engage CxOs</li> <li>• Stakeholders Power Grid</li> <li>• RACI Model, SWOT Analysis, PEST Analysis</li> <li>• SMART Objectives</li> <li>• OKRs</li> <li>• Cost Management (OPEX, CAPEX, ROCE etc.) <ul style="list-style-type: none"> <li>• Final Assessment</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Task 26</b></li> </ul> <p><u>Details may be seen at Annexure-I</u></p> <ul style="list-style-type: none"> <li>•</li> </ul>
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**Tasks For Certificate in Paint less Dent Repair and Vehicle Paint Technician**

<b>Week-1</b>	Task-1	Generate an inspection report for vehicle to before denting process
<b>Week-2</b>	Task-2	Demonstrate the safety practices before carrying out denting work
	Task-3	Prepare a chart of safety symbols and used in an engineering/manufacturing environment
<b>Week-3</b>	Task-4	Identify various components of provided vehicle/model/engine
<b>Week-4</b>	Task-5	Demonstrate handling and maintenance of tools for provided equipment and Machinery
<b>Week-5</b>	Task-6	Demonstrate the different types of Automotive Paints, Putty, Primer Surfacer, Masking Material, Top Coat Paint, Diluting Agent Other Paint Refinish Material
<b>Week-6</b>	Task-7	Carryout polishing of provided surface
<b>Week-7</b> <b>Week-8</b>	Task 8	Evaluate the nature of dent and highlight techniques involved for repairing of provided car/model
<b>Week-9</b>	Task 9	Use special tools on provided model in front of instructor
<b>Week-10</b>	Task-10	Demonstrate the use of hammer and dolly, punches as per instructions
<b>Week-11</b>	Task-11	Prepare a report on PDR work
<b>Week-12</b>	Task-12	Perform PDR work on front door L/H
<b>Week-13</b>	Task-13	Perform PDR work on front door R/H
<b>Week-14</b>	Task-14	Perform PDR work on Rear door R/H
<b>Week-15</b>	Task-15	Perform PDR work on Rear door L/H
<b>Week-16</b>	Task-16	Perform PDR work on Hood
<b>Week-17</b>	Task-17	Perform PDR work on Luggage
<b>Week-19</b>	Task-19	Perform PDR work on Roof

<b>Week-20</b>	Task-20	Apply putty sanding on provided vehicle/model as per instructions
<b>Week-21</b>		<b>Project/Training</b>
<b>Week-22</b>	Task-22	Spray the repaired part using spray machine
<b>Week-23</b>	Task-23	Perform fine color matching by spray gun
<b>Week-24</b>	Task-24	Perform complete vehicle painting according to specified procedure
<b>Week-25</b>	Task-25	Apply compound polish on vehicle using machine
<b>Week-26</b>		<b>Final Assessment</b>

**Motivational Lectures and Success Stories (Course Outlines)**

Sr #	Topic title	Contents	Theme
1	Success stories	<ol style="list-style-type: none"> <li>1. Story of Skill worker who get good job.</li> <li>2. Entrepreneur /self-business</li> <li>3. Freelancer</li> </ol>	<ol style="list-style-type: none"> <li>1. Family Background</li> <li>2. How to get Training</li> <li>3. How to get job</li> <li>4. Success trait</li> <li>5. Few word of advice for youth</li> </ol>
2	Motivational Lectures	<ol style="list-style-type: none"> <li>1. Soft skills</li> <li>2. work Ethics</li> <li>3. Personality Grooming</li> </ol>	<p><b>Good Habits</b></p> <ul style="list-style-type: none"> <li>• Punctuality</li> <li>• Honesty</li> <li>• Positive attitude</li> </ul> <p><b>Interpersonal skills</b></p> <ul style="list-style-type: none"> <li>• Determinant</li> <li>• Consistent</li> <li>• Welling worker</li> <li>• Team work</li> <li>• Initiative</li> <li>• Hardworking</li> <li>• Creative</li> <li>• Enthusiastic</li> <li>• Goal oriented</li> <li>• Self-motivated</li> <li>• Communication</li> <li>• Loyalty</li> </ul>



### Motivational lectures links

<u>Topic</u>	<u>Speaker</u>	<u>Link</u>
<b>Dry denting expert of cars &amp; jeeps in islamabad pakistan</b>	Pakmotovlog	<a href="https://www.youtube.com/watch?v=OMQlpD4tFmk">https://www.youtube.com/watch?v=OMQlpD4tFmk</a>
<b>How to Face Problems In Life</b>	Qasim Ali Shah	<a href="https://www.youtube.com/watch?v=OrQte08MI90">https://www.youtube.com/watch?v=OrQte08MI90</a>
<b>Just Control Your Emotions</b>	Qasim Ali Shah	<a href="https://www.youtube.com/watch?v=JzFs_yJt-w">https://www.youtube.com/watch?v=JzFs_yJt-w</a>
<b>How to Communicate Effectively</b>	Qasim Ali Shah	<a href="https://www.youtube.com/watch?v=PhHAQEGehKc">https://www.youtube.com/watch?v=PhHAQEGehKc</a>
<b>Your ATTITUDE is Everything</b>	Tony Robbins Les Brown David Goggins Jocko Willink Wayne Dyer Eckart Tolle	<a href="https://www.youtube.com/watch?v=5fS3rj6eIFg">https://www.youtube.com/watch?v=5fS3rj6eIFg</a>
<b>Control Your EMOTIONS</b>	Jim Rohn Les Brown TD Jakes Tony Robbins	<a href="https://www.youtube.com/watch?v=chn86sH0O5U">https://www.youtube.com/watch?v=chn86sH0O5U</a>
<b>Defeat Fear, Build Confidence</b>	Shaykh Atif Ahmed	<a href="https://www.youtube.com/watch?v=s10dzfbozd4">https://www.youtube.com/watch?v=s10dzfbozd4</a>
<b>Wisdom of the Eagle</b>	Learn Kurooji	<a href="https://www.youtube.com/watch?v=bEU7V5rJTtw">https://www.youtube.com/watch?v=bEU7V5rJTtw</a>

<b>The Power of ATTITUDE</b>	Titan Man	<a href="https://www.youtube.com/watch?v=r8LJ5X2ejqU">https://www.youtube.com/watch?v=r8LJ5X2ejqU</a>
<b>STOP WASTING TIME</b>	Arnold Schwarzenegger	<a href="https://www.youtube.com/watch?v=kzSBrJmXqdg">https://www.youtube.com/watch?v=kzSBrJmXqdg</a>
<b>Risk of Success</b>	Denzel Washington	<a href="https://www.youtube.com/watch?v=tbzAVRZ9Xc">https://www.youtube.com/watch?v=tbzAVRZ9Xc</a>

## Annexure-III

### SUGGESTIVE FORMAT AND SEQUENCE ORDER OF MOTIVATIONAL LECTURE

#### Mentor

Mentors are provided an observation checklist form to evaluate and share their observational feedback on how students within each team engage and collaborate in a learning environment. The checklist is provided at two different points: Once towards the end of the course. The checklists are an opportunity for mentors to share their unique perspective on group dynamics based on various team activities, gameplay sessions, pitch preparation, and other sessions, giving insights on the nature of communication and teamwork taking place and how both learning outcomes and the student experience can be improved in the future.

#### Session- 1 (Communication):

Please find below an overview of the activities taking place Session plan that will support your delivery and an overview of this session's activity.

<b>Session- 1 OVERVIEW</b>
Aims and Objectives:
<ul style="list-style-type: none"> <li>To introduce the communication skills and how it will work</li> <li>Get to know mentor and team - build rapport and develop a strong sense of a team</li> <li>Provide an introduction to communication skills</li> <li>Team to collaborate on an activity sheet developing their communication, teamwork, and problem-solving</li> <li>Gain an understanding of participants' own communication skills rating at the start of the program</li> </ul>

Activity:	Participant Time	Teacher Time	Mentor Time
Intro Attend and contribute to the scheduled.			
Understand good communication skills and how it works.			
Understand what good communication skills mean			
Understand what skills are important for good communication skills			
<b>Key learning outcomes:</b>	<b>Resources:</b>		<b>Enterprise skills developed:</b>

<ul style="list-style-type: none"> <li>• Understand the communication skills and how it works.</li> <li>• Understand what communication skills mean</li> <li>• Understand what skills are important for communication skills</li> </ul>	<ul style="list-style-type: none"> <li>• Podium</li> <li>• Projector</li> <li>• Computer</li> <li>• Flip Chart</li> <li>• Marker</li> </ul>	<ul style="list-style-type: none"> <li>• Communication</li> <li>• Self Confidence</li> <li>• Teamwork</li> </ul>
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Schedule	Mentor Should do
<b>Welcome:</b> 5 min	Short welcome and ask the <b>Mentor</b> to introduce him/herself. Provide a brief welcome to the qualification for the class. Note for Instructor: Throughout this session, please monitor the session to ensure nothing inappropriate is being happened.
<b>Icebreaker:</b> 10 min	Start your session by delivering an icebreaker, this will enable you and your team to start to build rapport and create a team presentation for the tasks ahead. The icebreaker below should work well at introductions and encouraging communication, but feel free to use others if you think they are more appropriate. It is important to encourage young people to get to know each other and build strong team links during the first hour; this will help to increase their motivation and communication throughout the sessions.
<b>Introduction &amp; Onboarding:</b> 20mins	Provide a brief introduction of the qualification to the class and play the “Onboarding Video or Presentation”. In your introduction cover the following: <ol style="list-style-type: none"> <li>1. Explanation of the program and structure. (Kamyab jawan Program)</li> <li>2. How you will use your communication skills in your professional life.</li> <li>3. Key contacts and key information – e.g. role of teacher, mentor, and SEED. Policies and procedures (user agreements and “contact us” section). Everyone to go to the Group Rules tab at the top of their screen, read out the rules, and ask everyone to verbally agree. Ensure that the consequences are clear for using the platform outside of hours. (9am-8pm)</li> </ol>

	<p>4. What is up next for the next 2 weeks ahead so young people know what to expect (see pages 5-7 for an overview of the challenge). Allow young people to ask any questions about the session topic.</p>
<p><b>Team Activity Planning: 30 minutes</b></p>	<p><b>MENTOR:</b> Explain to the whole team that you will now be planning how to collaborate for the first and second collaborative Team Activities that will take place outside of the session. There will not be another session until the next session so this step is required because communicating and making decisions outside of a session requires a different strategy that must be agreed upon so that everyone knows what they are doing for this activity and how.</p> <ul style="list-style-type: none"> <li>• “IDENTIFY ENTREPRENEURS” TEAM ACTIVITY</li> <li>• “BRAINSTORMING SOCIAL PROBLEMS” TEAM ACTIVITY”</li> </ul> <p><i>As a team, collaborate on a creative brainstorm on social problems in your community. Vote on the areas you feel most passionate about as a team, then write down what change you would like to see happen.</i></p> <p>Make sure the teams have the opportunity to talk about how they want to work as a team through the activities e.g. when they want to complete the activities, how to communicate, the role of the project manager, etc. Make sure you allocate each young person a specific week that they are the project manager for the weekly activities and make a note of this.</p> <p>Type up notes for their strategy if this is helpful - it can be included underneath the Team Contract.</p>
<p><b>Session Close: 5 minutes</b></p>	<p><b>MENTOR:</b> Close the session with the opportunity for anyone to ask any remaining questions.</p> <p><b>Instructor:</b> Facilitate the wrap-up of the session. A quick reminder of what is coming up next and when the next session will be.</p>

**SUCCESS STORY**

S. No	Key Information	Detail/Description
1.	<b>Self &amp; Family background</b>	<b>Mr. Asif</b> runs a famous Auto Garage in heart of Lahore
2.	<b>How he came on board NAVTTC Training/ or got trained through any other source</b>	He did his diploma from one of the NAVTTC partner institutes
3.	<b>Post-training activities</b>	He set up his garage after completing his DAE in Lahore with specialization in dry denting and paint.
4.	<b>Message to others (under training)</b>	Take the training opportunity seriously Impose self-discipline and ensure regularity Make Hard work pays in the end so be always ready for the same.

**Note:** Success story is a source of motivation for the trainees and can be presented in several ways/forms in a NAVTTC skill development course as under: -

1. To call a passed out successful trainee of the institute. He will narrate his success story to the trainees in his own words and meet trainees as well.
2. To see and listen to a recorded video/clip (5 to 7 minutes) showing a successful trainee Audio-video recording that has to cover the above-mentioned points.\*
3. The teacher displays the picture of a successful trainee (name, trade, institute, organization, job, earning, etc) and narrates his/her story in the teacher's own motivational words.

\* *The online success stories of renowned professional can also be obtained from **Annex-II***

## **Workplace/Institute Ethics Guide**

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Work ethic is a standard of conduct and values for job performance. The modern definition of what constitutes good work ethics often varies. Different businesses have different expectations. Work ethic is a belief that hard work and diligence have a moral benefit and an inherent ability, virtue, or value to strengthen character and individual abilities. It is a set of values-centered on the importance of work and manifested by determination or desire to work hard.

The following ten work ethics are defined as essential for student success:

**1. Attendance:**

Be at work every day possible, plan your absences don't abuse leave time. Be punctual every day.

**2. Character:**

Honesty is the single most important factor having a direct bearing on the final success of an individual, corporation, or product. Complete assigned tasks correctly and promptly. Look to improve your skills.

**3. Team Work:**

The ability to get along with others including those you don't necessarily like. The ability to carry your weight and help others who are struggling. Recognize when to speak up with an idea and when to compromise by blend ideas together.

**4. Appearance:**

Dress for success set your best foot forward, personal hygiene, good manner, remember that the first impression of who you are can last a lifetime

**5. Attitude:**

Listen to suggestions and be positive, accept responsibility. If you make a mistake, admit it. Values workplace safety rules and precautions for personal and co-worker safety. Avoids unnecessary risks. Willing to learn new processes, systems, and procedures in light of changing responsibilities.

**6. Productivity:**

Do the work correctly, quality and timelines are prized. Get along with fellows, cooperation is the key to productivity. Help out whenever asked, do extra without being asked. Take



pride in your work, do things the best you know-how. Eagerly focuses energy on accomplishing tasks, also referred to as demonstrating ownership. Takes pride in work.

**7. Organizational Skills:**

Make an effort to improve, learn ways to better yourself. Time management; utilize time and resources to get the most out of both. Take an appropriate approach to social interactions at work. Maintains focus on work responsibilities.

**8. Communication:**

Written communication, being able to correctly write reports and memos. Verbal communications, being able to communicate one on one or to a group.

**9. Cooperation:**

Follow institute rules and regulations, learn and follow expectations. Get along with fellows, cooperation is the key to productivity. Able to welcome and adapt to changing work situations and the application of new or different skills.

**10. Respect:**

Work hard, work to the best of your ability. Carry out orders, do what's asked the first time. Show respect, accept, and acknowledge an individual's talents and knowledge. Respects diversity in the workplace, including showing due respect for different perspectives, opinions, and suggestions.