

## **Program information**

### **Program title painter**

#### **Introduction**

The competency based curriculum guide for painter is designed to produce graduates equipped with knowledge, skills and attitudes required by the technicians having this occupation especially for the foreign employment. The program focuses mainly on practical activity, which is performed on actual or simulated sites. Successful graduates of the program will be capable of performing building and steel related painting works safely using different types of paints and painting tools. Graduates of this program typically hold job as “painter”.

The features of this curriculum are:

1. The curriculum is designed on modular basis which gives enough flexibility in implementation.
2. The curriculum focuses practical experiences. However, the minimum theoretical knowledge which directly affects the task performance is included.

#### **Aims**

The aim of this training is to provide competent and confident painter who can provide effective services to the foreign industries.

#### **Duration**

The total duration of the course is 155.00hrs.

#### **Entry**

Individuals desiring to enter this program must be:

#### **Requirements**

1. Youths who are seeking foreign employment and have passed grade 9 or above.
2. Citizens of Nepal with minimum 21 years of age but not exceeding 40.
3. Physically and mentally fit.

#### **Medium of instruction pattern of attendance focus of curriculum**

The medium of instruction for this program will be Nepali and English. However, all technical terminologies will be taught in English.

The trainees should have at least 95% attendance to be eligible to take test and receive completion certificate.

This is a competency-based curriculum. This curriculum emphasizes on performance of competencies.

Minimum 80% times is allocated for practical and remaining 20% time is allocated for related technical knowledge.

#### **Teaching learning methodologies student's evaluation details**

**Demonstration followed by guided practice, independent practice and performance test should be the key methods besides illustrated talks, assignments, group works, simulations etc.**

- Continuous evaluation of the trainees' performance is to be done by the related instructor/ trainer to ensure the proficiency over each competency under each module.
- Related technical knowledge learnt by trainees will be evaluated through written tests. The test items will mainly be objective types.

Trainees must secure minimum marks of 70% in an average of both theory and practical evaluations to obtain the course completion certificate.

#### **Grading system**

The trainees will be graded based on the marks in percentage secured by them in tests/ evaluations.

- Grade "A": passed with 90% or above
- Grade "B": passed with 80% or below 90%
- Grade "C": passed with 70% and below 80%
- Grade "D": (failed): below 70%

#### **Trainer's qualification**

- Vocational training institute graduate level III in related trade with minimum of 3 years field experience.
- Good occupational and instructional skills.
- Above qualification with 2 years experience in related foreign employment.

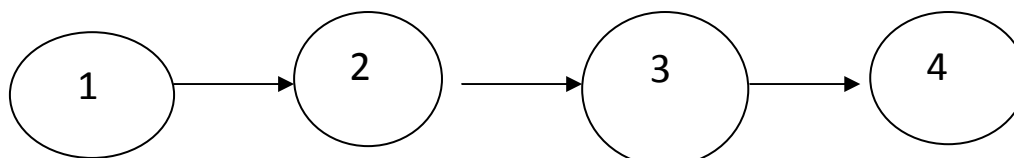
#### **Trainer-trainees ratio**

- 1:10 for practical instruction.
- 1:20 class room instruction

#### **Course structure**

The painter training program consists of 4 modules. "Basic skills", "building painting" and "steel painting" and project works. "Basic skill" module must be taken before advancing to building or steel painting.

s.no	Module name	Nature Pr. / th.	Time (hrs.)		Total	Full marks		Total
			Pr.	Th.		Pr.	Th.	
1.	Basic skill	Pr. /th.	47.00	7.00	54.00	150		
2.	Building painting	Pr. /th.	38.00	4.00	42.00	100	100	500
3.	Steel painting	Pr. /th.	35.38	3.22	39.00	100		
4.	Project works	Pr	15.00		15.00	50		



### Course objectives

Upon completion of this program, the trainee will be able to do the following:

- Given the working drawing, the trainee will be able to estimate the required paint quantities for painting work.
- Given any house, the trainee will be able to apply paint as requested by the customer.
- Given any house having faded or damaged paint, the trainee will be able to remove old paint and clean the surface for painting.
- Given any steel component of industry, apply paint as requested by the customer. Use and maintain tools/equipment to the standard of competency and safety required in the trade.

### Assessment

Formative and summative evaluations are conducted to assess the performance of trainee.

### Certification

For certification of the training, an individual learner must have at least 95% attendance and a minimum score of 70% in aggregate of theory & practical test. Pass percentage for both theory and practical tests are 70% however individual should pass both theory and practical test separately.

### Module and tasks

s.no.	Skill	Theory credit hours (providing related information)	Practical credit hours (demonstration and	Total credit hours	Remarks

			assignment)		
<b>Basic skills</b>					
1.	Take approval for painting from safety supervisor /QC	0.30	0.30	1.00	
2.	Orient about safety rules.	0.30	1.00	1.30	
3.	Protect working area using warning tape	0.15	1.15	1.30	
4.	Clean surface using scribe and knife.	0.30	1.00	1.30	
5.	Smooth wall/ceiling surface grinding stone	0.30	2.30	3.00	
6.	Smooth wall/ceiling surface using sandemery paper	0.30	2.30	3.00	
7.	Clean plaster surface with air blower and water spray.	0.35	2.25	3.00	
8.	Protect surrounding area using plastic and masking tape	0.25	2.35	3.00	
9.	Prepare water hose for fire fighting	0.30	2.30	3.00	
10.	Prepare wall putty by mixing wall putty powder and water then apply using scribe.	0.40	11.20	12.00	
11.	Mix primer with curing/thinner using paint mixer and apply with required brush.	0.35	5.25	6.00	
12.	Spray paints on steel, wooden and wall surface	0.30	11.30	12.00	
13.	Clean tools/equipments using thinner	0.30	2.30	3.00	

### **Building painting**

14. Estimate Quantity of paint	0.55	5.05	6.00
15. Mark level using pipe level and Mark Straight line by liner.	0.25	2.35	3.00
<b>Apply masking tape along the</b> Marked line for color separation And finish color line using artist Brush.	0.25	2.35	3.00
1. Apply paints on wall and ceiling Using roller	0.40	11.20	12.00
2. Check thickness of paint on wall Using shim set	0.10	0.50	1.00
3. Apply texture paint on wall and Ceiling	0.30	7.30	8.00
4. Remove plastic and masking tape for Clean paint spot on unwanted surface	0.25	2.35	3.00
5. Mark patterns according to given Pattern stencil.	0.30	5.30	6.00

### **Steel painting**

6. Remove rust from the surface using Needle gun	0.27	2.33	3.00
7. Clean surface using grinding machine With emery and cloth cup	0.25	2.35	3.00
8. Cover sand blasting area using Tarpaulin	0.25	2.35	3.00
9. Wear personal safety equipments And remove paint or iron oxide using Sand blasting	0.35	17.25	18.00
10. Touch – up irregular surface (not bolt/ Welded surface)	0.30	2.30	3.00
11. Spray final coat of paint on steel and Wooden surface	0.30	8.00	8.30
12. Report work completion to the Supervisor	0.30		0.30

### **Project works**

1. Apply final water base paint on wall Surface using roller/brush with color Separation	6.00	6.00	
2. Apply final paints on steel surface Using spray gun	3.00	3.00	
3. Apply mount texture paint on wall Surface	3.00	3.00	

4. Mark patterns and apply paint on Wall surface	3.00	3.00
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