



Gujarat Council of Vocational Training  
Gandhinagar



कारण बन्धन

1. Name of course:

AUTOMOBILE PAINTING PROCESS AND TECHNIQUES

N.C.O. No. for skills covered:

7231.90	7212.40	7212.10	7212.20
7212.30	7213.30	7212.50	7142.70
7142.20			

2. Engineering or Non-engineering : Engineering

3. No. of students per batch : 16

4. Duration in hours : 280

5. Duration in month : \_\_\_\_\_ @ 42 hours/week.

Duration in month : 3 @ 22 hours/week

6. Examination Scheme :

No.	Name of subject	Teaching hours during full course	Maximum marks (Excluding sessional)	Minimum marks required for passing (Excluding sessional)	Sessional marks if any
Subject-1	Theory	56	100	40	20
Subject-2	Practical	224	300	180	100
Subject-3	-	-	-	-	-
Subject-4	-	-	-	-	-
Subject-5	-	-	-	-	-

7. Entry qualification for trainees :

Minimum entry qualification (Essential)	5 <sup>th</sup> Pass
Desirable	Any technical certificate from GCVT/NCVT/TEB/GTU

8. Minimum qualification of trainer :

Minimum qualification (Essential)	Diploma in Mechanical/Automobile Engineering
Desirable	Diploma in Mechanical/Automobile Engineering with 2 year experience in Fabrication Technology



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9. Syllabus committee members :

Sr. No.	Name	Organization	Designation	Technical qualification	Experience in years	Signature
1	Mr.Sanjeev Singh	General Motors (India)Pvt.Ltd.Halol	Dy.Director-Production	B.Tech(Chemical)	23 Yrs.	
2	Mr.Pragnesh Patel	General Motors (India)Pvt.Ltd.Halol	Manager-Production	ITI	16 Yrs.	
3	Mr.Paras Shah	ITI Tarsali Vadodara	S.I.	D.A.E	15 Yrs.	
4	Mr.K.C.Vasava	ITI Tarsali Vadodara	S.I.	B.E.Mech	15 Yrs.	

10. Terminal skills of trainee (Should be well defined and having reference to N.C.O.) :

The trainee, after successful completion of training, will have following skills...

1. The trainee will be able to remove/refit major assemblies of vehicle for painting. (NCO reference no.7231.90)
2. The trainee will be able to cut and weld sheet metal through gas welding process. (NCO reference no. 7212.40 and 7212.10)
3. The trainee will be able to do arc welding and spot welding for car body. (NCO reference no. 7212.20 and 7212.30)
4. The trainee will be able to remove dents from car body. (NCO reference no.7213.30)
5. The trainee will be able to do brazing on car body. (NCO reference no. 7212.50)
6. The trainee will be able to mix paint and use it for spray painting. (NCO reference no.7142.70 and 7142.20)





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11. Approximate cost of Tools/Equipments/Machinery for starting one batch of the course સરનાલ સબજમ

Rupees – 67,00,000 = 00

Reference Year:-2011

12. Area required for Practical/Workshop for one batch:

160 Sq. Meter

13. Minimum power connection required :

35 KW

14.1 No. of items in standard list of machinery :

14.1.1 Page no. from 2 to 2

20

14.2 No. of items in standard list of shop outfit :

14.2.1 Page no. from 1 to 2

99

14.3 No. of items in standard list of trainee tool kit :

14.3.1 Page no. from - to -

Nil

\*\*\*\*\*For office use\*\*\*\*\*

Approved by GCVT in governing body meeting on :

19/01/2012

Syllabus implemented w.e.f. admission session :

with immediate effect

Revision history :      Revision no. \_\_\_ Revision date \_\_\_\_\_  
Revision no. \_\_\_ Revision date \_\_\_\_\_  
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