

Traditional Courses:**LIST OF COURSES, DURATION AND ENTRY QUALIFICATION FOR ADMISSION TO VARIOUS AFFILIATED COURSES OF NCVT (National Council for Vocational Education):**

ENGINEERING TRADES:				
S. No.	Name of the Trade	Duration Years	Units	Qualification
1.	Plumber	One	One	Passed 8 th examination under 10+2 system of education or its equivalent
2.	Carpenter	One	One	Passed 8 th examination under 10+2 system of education or its equivalent
3.	Welder	One	One	Passed 8 th examination under 10+2 system of education or its equivalent
4.	Automobiles Centre of Excellence	(1 year + ½+1/2)	Six	Passed 10 th class under 10+2 system
5.	Fitter	Two	Two	Passed matriculation examination or 10th class under 10+2 system
6.	Machinist	Two	One	-do-
7.	Turner	Two	One	-do-
8.	Electrician	Two	One	Passed 10 th class examination under 10+2 with science as one of subjects
9.	Instrument Mechanic	Two	One	-do-
10.	Mechanic Refrigeration & Air Conditioning	Two	One	Passed 10 th class exam under 10+2 system of education with science & maths or its equivalent.
11.	Draughtsman Mechanical	Two	One	Passed 10 th class exam under 10+2 system of education with science & maths or its equivalent.
12.	Draughtsman Civil	Two	One	Passed 10 th class exam under 10+2 system of education with science & maths or its equivalent.
13.	Electronic Mechanic	Two	One	Passed 10 th class exam under 10+2 system of education with science & maths or its equivalent.
14.	Machinist Grinder	Two	One	Passed 10 th class exam under 10+2 system of education maths or its equivalent.
15.	I.T.E.S.M.	Two	One	Passed 10 th class exam under 10+2 system of education.
16.	Tool & Die (Press Tools Jigs & Fixture)	Three	One	Passed 10 th class exam under 10+2 system of education with science or its equivalent.

NON-ENGINEERING TRADES :

S. No.	Name if the Trade	Duration	Units	Qualifications
1.	Computer Operator & Programming Assistant	One	One	10 th passed under 10+2 system or duly recognized diploma of 3 Years duration from any polytechnic
2.	Data Entry Operator	Six months	One	Essential: Passed matriculation examination or 10 th class under 10+2 system with English. Desirable: Typing speed of 30 W.P.M. in English/Hindi/Regional Language.
3.	Cutting & Sewing	One	One	Passed 8 th class examination under 10+2 system of education or its equivalent.
4.	Stenography English	One	One	10 th Class Pass.
5.	Stenography Hindi	One	One	10 th Class Pass with Hindi as Compulsory subject.

Weightage of 3 credit points will be given to the NCC 'A' Certificate holders.

Cut off Percentage: The cut off percentage of each trade is determined on the basis of form submitted for admission each year.

Other Courses:**PART A: SCHEME OF TRAINING IN AUTOMOBILE UNDER CENTER OF EXCELLENCE**

It consists of broad based basic training. The training is imparted in six modules on uniform rotation for eight weeks each in the following basic modules:

1. Basic fitting and measurements
2. Basic sheet metal work & welding
3. Basic Electrical & Electronics
4. Basic Microprocessor and Computer Operation
5. Basic Petrol & Diesel Engines
6. Basic of Transmission, Suspension, Steering System & Brakes

ELIGIBILITY: 10th pass under 10+2 system

BATCH SIZE: 96 trainees 16 in each module. (UT Pool 82 General Pool 14 seats)

PART B: Advanced Module

The candidate has to select one of the following specialized modules admission to advance training is made twice a year August and February. Each module having duration of 24 weeks.

1. Servicing & over hauling of automobiles (Petrol)
2. Servicing & over hauling of automobiles (Diesel)
3. Auto Electrical, Electronics & Air-conditioning in Automobiles
4. Overhauling of fuel injector system & steering mechanism

BATCH SIZE: 64 trainees 16 in each module.

ELIGIBILITY: The trainee promoted/passed BBT in Automobiles sector NTC/NAC in Mechanic Motor Vehicle of other relevant trade/diploma in Automobile trade.

SDIS (MES):**List of Courses Registered at I.T.I., Chandigarh****Vide No. RDF/2-9/2008/MES/SDI/R-CHD/5372-5374, dated: 23.01.2009**

S.	Code	Name of the course	Qualifica.	Hrs
Sector: AUTOMOTIVE REPAIR			Age: 14 Years	
1	AUR-101	Basic Automotive servicing(4 wheeler)	5 th	180
2	AUR-102	Basic Automotive Servicing(2-3 wheelers)	5 th	180
3	AUR-203	Repair & Overhauling of 2 wheeler(moped)	5 th +aur102	210
4	AUR-204	Repair & Overhauling of 2 wheeler(scooter)	5 th +aur102	240
5	AUR-205	Repair & Overhauling of 2 wheeler(motor cycle)	5 th +aur102	270
6	AUR-206	Repair & Overhauling of 3 wheeler	5 th +aur102	270
7	AUR-207	Repair & Overhauling of Engine system(petrol/diesel)	5 th +aur101	320
8	AUR-208	Repair & Overhauling of Chasis system(light vehicle)	5 th +aur101	320
9	AUR-210	Repair of Auto Air conditioning	5 th +aur101	240
10	AUR-211	Wheel Alignment & Balancing	5 th +aur101	120
11	AUR-212	Minor repair of auto body	5 th +aur101	210
12	AUR-213	Auto body painting	5 th +aur101	180
13	AUR-214	Diesel Fuel injection technician	5 th +aur101	180
14	AUR-215	Repair & Overhauling of Auto Electrical/Electronic system	8 th +aur101	320
15	AUR-216	Bicycle & Tricycle repair	5 th	180
Sector: CONSTRUCTION			Age: 18 Years	
16	CON-111	Assistant Plumber	5 th	300
17	CON-212	Plumber	5 th = con111	300
Sector: ELECTRICAL			Age: 14 Years	
18	ELE-101	Basic Electrical Training	8 th	120
19	ELE-202	Repair of Home Appliances	8 th +ELE101	120
20	ELE-203	House Wiring	8 th +ELE101	120
21	ELE-204	Electronic Choke & CFL Assembling	8 th +ELE101	120
22	ELE-205	Transformer Winding	8 th +ELE101	120
23	ELE-206	Armature Winding	8 th +ELE101	120
24	ELE-207	Rewinding of AC/DC Motors	8 th +ELE101	120
25	ELE-208	Repair of Electrical Power Tools	8 th +ELE101	120
26	ELE-209	Maintenance of Batteries	8 th +ELE101	60
Sector: ELECTRONICS			Age: 14 Years	
27	ELC-101	Basic Electronics(Repair & Maint. of Power Supply & UPS	8 th	120
28	ELC-202	Installation & Maintenance of DTH system	8 th +ELC101	60
29	ELC-205	Repair & Maintenance of TV Receiver	8 th +ELC101	180
30	ELC-207	Repair & Maintenance of Cellular phone	8 th +ELC101	210
31	ELC-208	Repair & Maintenance of Intercom system	8 th +ELC101	150
32	ELC-210	Repair & Maintenance of PA & Audio systems	8 th +ELC101	120
Sector: FABRICATION			Age: 14 Years	
33	FAB-101	Basic Welding(Gas)	8 th	120
34	FAB-102	Basic Welding(ARC)	8 th	120
35	FAB-103	Gas Cutting	8 th	120
36	FAB-204	TIG Welding	8 th + FAB101	90
37	FAB-205	MAG/CO2 Welding + FAB 103	8 th + FAB101	90
38	FAB-206	Fabrication Welding + FAB 103	8 th + FAB101	180
39	FAB-207	Pipe Welding(TIG & ARC) + FAB 103	8 th + FAB101	150
40	FAB-108	Basic Fitting work	8 th	180
41	FAB-109	Basic Sheet Metal Work	8 th	180
S.	Code	Name of the course	Qualifica.	Hrs
Sector: INFORMATION & COMMUNICATION TECHNOLOGY			Age: 14 Years	

42	ICT-101	Computer Fundamentals, MS-Office & Internet	8 th	120
43	ICT-116	Architectural & civil 2D-Drfating with Autocad	10 th	300
44	ICT-224	Mechanical drafting & modeling with autodesk (Autocad)	8 th + Any	300
Sector: PRODUCTION AND MANUFACTURING			Age: 14 Years	
45	MAN-101	Turning	8 th	210
46	MAN-202	Advance turning	8 th +MAN101	240
47	MAN-103	Milling	8 th	210
48	MAN-204	Advance Milling	8 th +MAN103	240
49	MAN-105	Surface Grinding	8 th	210
50	MAN-206	Cylindrical Grinding	8 th +MAN105	210
51	MAN-307	CNC Turning	10 th +MN202	240
52	MAN-308	CNC Milling	10 th +MN204	240
Sector: WOOD WORK			Age: 14 Years	
53	WOO-101	Basic Wood work	5 th	270
54	WOO-202	Wooden Furniture	5 th +WOO101	270
Sector: PRINTING			Age: 14 Years	
55	PRI-102	Basic Book Binding	8 th	120
Sector: GARMENT MAKING			Age: 14 Years	
56	GAR-101	Hand Embroider	5 th	210
57	GAR-102	Machine Embroidery Operator	5 th	210
58	GAR-103	Garment Packer	5 th	120
59	GAR-104	Garment Ironer	5 th	120
60	GAR-105	Tailor (Basic Sewing Operator)	5 th	270
61	GAR-106	Maintenance of machine in Garment sectors	8 th	300
62	GAR-207	Computerized Embroidery machine operator	10 th	210
63	GAR-208	Garment cutter	8 th +GAR105	270
64	GAR-209	Garment checkers	8 th +GAR105	210
65	GAR-210	Skilled Sewing operators	8 th +GAR105	210
66	GAR-211	Special Sewing machine operator	10 th +GAR105	270
67	GAR-212	Tailor children	8 th +GAR105	210
68	GAR-213	Tailor ladies	8 th +GAR105	420
69	GAR-214	Tailor Gents	8 th +GAR105	210
70	GAR-215	Tailor suits + 213/214	10 th +GAR105	300
Sector: REFRIGERATION & AIR CONDITIONING			Age: 14 Years	
71	REF-101	Basic Refrigeration & Air conditioning	5 th	120
72	REF-202	Repair & maintenance of Refrigerators & deep freezers	5 th +REF101	120
73	REF-203	Service & maintenance of water cooler & bottle cooler	5 th +REF101	120
74	REF-204	Repair & maintenance of Air conditioner	5 th +REF101	120
75	REF-205	Repair & maintenance of car air conditioning unit	5 th +REF101	120
76	REF-206	Service & maintenance of air conditioning plant	8 th +REF101	150