

B. Voc. in Automotive- Maintenance, Service & Repair

Fifth Semester

Skill Component 1: Service supervisor level 7: part 1							Remark
NOS code	Component	Unit (Module)	Subunit (Session)	Learning objective	Duration in hour	Credit	
ASC/ N 1424	Theory	Technical specifications of various OEM vehicular products	<ul style="list-style-type: none"> Vehicle technical specification(viz. power, torque, engine specification, transmission type, vehicle additional feature.) Vehicle body type (Sedan, hatch back, SUV etc.) Vehicle ergonomics 	Knowledge of OEM technical standards	05	1	This subject can be used for Skill Subject
1424	Theory	Vehicle basic technology	<ul style="list-style-type: none"> Core aggregates like engine, gear box, propeller shaft, clutch and brake assembly, transmission systems, axles etc. 	Understanding of basic vehicle technology used in modern car	10		
1424	Theory	Knowledge related vehicle legislation, design etc	<ul style="list-style-type: none"> Relevant and up-to-date knowledge of vehicle design, manufacture, consumer and vehicle legislation, industry and trade practices 	Knowledge of motor vehicle acts and legislation	05	1	
1424	Theory	Workshop Staff training	<ul style="list-style-type: none"> how to train and provide guidance (both technical and soft skills) to the Technicians/ Component Specialists in all matters related to the overall automotive service, maintenance and repair of OEM vehicle 	Understanding of technical training delivery system of workshop staff	10		
	Practical	Authorized workshop visit for workshop management	Understand of supervisor role, body shop work management, job allotment to technician, test ride evaluation, technician training, critical work understanding etc.	Understanding of role of service supervisor at workshop	60	2	
Suggested Books: <ul style="list-style-type: none"> Automobile workshop Manual Workshop technique and Marketing, Chikara Anil, Satya Publication New Delhi 							

Skill Component 2: Service supervisor level 7: part 2 -							Remark
NOS code	Component	Unit (Module)	Subunit (Session)	Learning objective	Duration in hour	Credit	
ASC/ N 005	Theory	Technical aspects communication in workshop through OEM	<ul style="list-style-type: none"> The technical aspects communicated from the OEM as conveyed by the Workshop Manager (through various service circulars) and communicate it to the Technicians though regular meetings 	Knowledge of technical communication system through OEM	15	1	This subject can be used for Skill Subject
ASC/ N 1424	Theory	Retro-fit kits for vehicle for various application	<ul style="list-style-type: none"> various aspects of retro-fitments to be specified batch of vehicles as indicated by the Workshop Manager and get the retro-fitment kits fitted through technicians as per the OEM guidelines 	Understanding of vehicle retro-fitment system	15	1	
ASC/ N 005	Practical	Training to technician for diagnosis for vehicle fault or trouble shooting	<ul style="list-style-type: none"> how to advice the Technicians and other Component Specialists to deal with various technical issues (which are difficult to diagnose) to contribute to the overall learning and development of the technical skills of the Technicians 	Understanding of technical training delivery system of workshop staff	60	2	
Suggested Books: <ul style="list-style-type: none"> Automobile workshop Manual Workshop technique and Marketing, Chikara Anil, Satya Publication New Delhi 							

Skill Component 3: Service Supervisor level 7: part 3 -							Remark
NOS code	Component	Unit (Module)	Subunit (Session)	Learning objective	Duration in hour	Credit	
ASC/ N 1424	Theory	Workshop documents	<ul style="list-style-type: none"> Documentation requirements for appraisals and other performance evaluations of various subordinate positions, brief knowledge of Motor vehicle act 	Knowledge of workshop documentation system.	10	2	This subject can be used for Skill Subject
ASC/ N 1424	Theory	Workshop quality Standards management	<ul style="list-style-type: none"> Process flow for performance evaluation, documentation and appraisals related with them 	Knowledge of quality system implementation in workshop	10		
ASC/ N 1424	Theory	Work process in organization through hierarchy.	<ul style="list-style-type: none"> Subordinate and reporting executive's problems and queries and documenting it in the organization's prescribed format 	Understanding of workshop hierarchy system.	10		
ASC/ N 1424	Practical	Workshop software	<ul style="list-style-type: none"> Software or format such as MS Word, Excel, PowerPoint and Management Information System (MIS) as prescribed by the organization. 	Knowledge of workshop software (CRM, MIS software)	60	2	
Suggested Books: <ul style="list-style-type: none"> Automobile workshop Manual Workshop technique and Marketing, Chikara Anil, Satya Publication New Delhi 							