ASDC
AUTOMOTIVE SKILLS DEVELOPMENT COUNCIL

Skill India
कौशल भारत-कुशल भारत

NCVET
कौशल गुणवत्ता प्रगति

Engineering and Manufacturing courses

SIAM
Society of Indian Automobile Manufacturers

ACMA
Automotive Component Manufacturers Association

FADA
Federation of Automobile Dealers Associations

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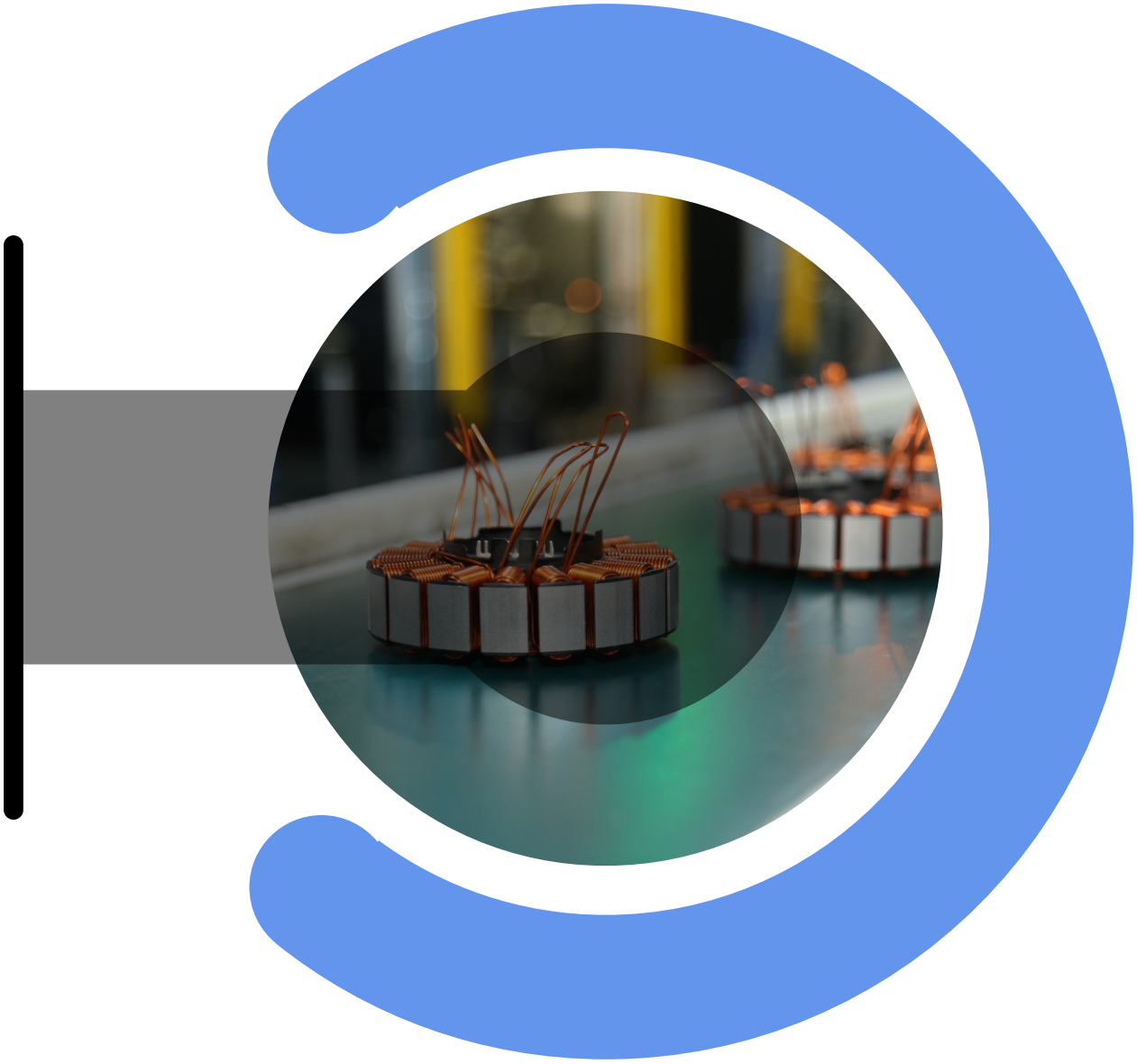

ASDC Support and Services

1. CURRICULUM

ASDC crafted curriculum is designed to meet industry standards, incorporating the latest advancements. Experience top-notch curriculum developed by the best in the Industry.

2. LIST OF TOOLS & EQUIPMENT FOR TRAINING

ASDC extends support by providing an updated list of tools and equipment required for the partner to stay in up to date with the Industry requirement trainings. The comprehensive list of equipment enables the best training outcomes for student and institution alike.

3. TRAINER PROFILE & TRAINING OF TRAINER

Our trainers are carefully selected to ensure they embody the spirit of excellence and share real-world insights with our learners. Our commitment to quality training extends to our trainers. We invest in their continuous development through a robust Training of Trainer program. This ensures they are up to date with the latest industry trends and teaching methodologies, providing you with the highest quality of education.

4. LEARNING CONTENT

ASDC crafted learning content is designed to cover every facet of automotive skills. Our content is tailored to meet industry standards, from foundational concepts to advanced technologies.

5. THIRD-PARTY ASSESSMENT

Experience a fair and impartial evaluation of one's skills through our certified assessment partners. These assessments ensure that the learners proficiency aligns with industry standards, providing a recognized certification upon successful completion.

6. NCVET RECOGNISED CREDIT CERTIFICATE

Achieve a significant milestone with our National Council for Vocational Education and Training (NCVET) recognized credit certificates. These certificates not only validate your skills but also hold national recognition, aligning with the highest standards set by regulatory authorities.

7. PLACEMENT SUPPORT

Navigate the transition from education to employment with ASDC placement support. ASDC helps in industry connections, job placement assistance, and career guidance to help you kickstart your automotive career.

8. FUNDING OPTIONS FOR TRAINING COST

ASDC offers various funding scholarship Programs, government funded programs, and CSR Funded Programs options to support training:.

9. DIGITAL CLASSROOM AID

ASDC has worked on the objective of providing high-quality learning content accessible to learners through a physical and digital medium. Online courses as well as assessments, designed to address every process involved in end-to-end Automotive production.

MANUFACTURING

Automotive Welding Machine Operator (Manual and Robotics)

Course code – ASC/Q3102
Duration of training – 460 hrs
NSQF Level – 3
Next review date – 20th November, 2025

Course Objective

The individual is primarily involved in all robotic and manual welding operations performed in automotive manufacturing. They use various types of welding processes such as TIG, MIG, SMAW welding, etc. They support the welding technician in activities such as inspection of equipment condition, welding, gauging, testing, and inspection of welded workpieces.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Employability Skills (30 Hours)	DGT/VSQ/N0101
3	Interact effectively with colleagues, customers, and others	ASC/N9802
4	Interpret engineering drawing	ASC/N9805
5	Support the technician in the welding process	ASC/N3105

MANUFACTURING

Electric Vehicle Maintenance Technician

Course code – ASC/Q6809
Duration of training – 420 hrs
NSQF Level – 3.5
Next review date – 03rd May 2026

Course Objective

An Electric Vehicle Maintenance Technician is responsible for inspecting, repairing, and maintaining electric vehicles (EVs). Their duties include diagnosing and troubleshooting electrical and mechanical issues, conducting routine maintenance tasks such as battery checks and software updates, and ensuring compliance with safety standards and regulations. They may also perform upgrades or modifications to improve vehicle performance and efficiency. Additionally, they might provide technical assistance to EV owners and collaborate with other team members to optimize vehicle maintenance processes.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources	ASC/N9803, V1.0
2	Employability Skills (60 Hours)	DGT/VSQ/N0102, V1.0
3	Interpret engineering drawing	ASC/N9805, V1.0
4	Perform maintenance of electric vehicle (EV)	ASC/N6816, V2.0

MANUFACTURING

Automotive Body Painting Assistant

Course code – ASC/Q3302
Duration of training – 420 hrs
NSQF Level – 2
Next review date – 29th July, 2026

Course Objective

The individual in this role supports the paint shop technician or operator during the preparation of body treatment and painting work such as bringing vehicle body or parts, painting material and tools, body treatment and painting aligning workpiece, holding tools, etc., and cleaning and maintenance of painted part and work area.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Support the technician or operator during body treatment and painting processes	ASC/N3303

MANUFACTURING

Automotive Body Painting Technician

Course code – ASC/Q3304
Duration of training – 450 hrs
NSQF Level – 3
Next review date – 29th July, 2026

Course Objective

The individual in this role performs pre-treatment and body preparation processes, sealing and painting activities such as mixing of paint, applying sealer, paint, etc. and post-painting activities such as quality check, maintenance, storing and tagging, etc.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Employability Skills (60 Hours)	DGT/VSQ/N0102
3	Perform pre-treatment and surface preparation process	ASC/N3309
4	Perform sealing, painting and post-painting operations	ASC/N3310

MANUFACTURING

Automotive Body Painting Technician

Course code – ASC/Q3304
Duration of training – 450 hrs
NSQF Level – 3
Next review date – 29th July, 2026

Course Objective

The individual in this role performs pre-treatment and body preparation processes, sealing and painting activities such as mixing of paint, applying sealer, paint, etc. and post-painting activities such as quality check, maintenance, storing and tagging, etc.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Employability Skills (60 Hours)	DGT/VSQ/N0102
3	Perform pre-treatment and surface preparation process	ASC/N3309
4	Perform sealing, painting and post-painting operations	ASC/N3310

MANUFACTURING

Automotive Body Painting Operator

Course code – ASC/Q3303
Duration of training – 304 hrs
NSQF Level – 3
Next review date – 29th July, 2026

Course Objective

The individual in this role supports the painting technician in pre-treatment and body preparation processes, painting activities such as mixing of paint, applying paint, etc., and post-painting activities such as quality check, maintenance, storing and tagging, etc.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Support the painting technician in pretreatment process	ASC/N3305
4	Support the painting technician in painting and post-painting operations	ASC/N3306

MANUFACTURING

Automotive Maintenance Lead Technician-Electrical

Course code – ASC/Q6801
Duration of training – 504 hrs
NSQF Level – 5
Next review date – 29th July, 2026

Course Objective

The individual in this role is responsible for overseeing electrical diagnostics, repairs, and maintenance in vehicles. Lead the team in ensuring efficient and effective electrical system operations. Collaborate with other departments to optimize vehicle performance and safety.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with team, customers and others	ASC/N9812
3	Plan and conduct maintenance of electrical and electronic systems of equipment	ASC/N6801

MANUFACTURING

Automotive Maintenance Lead Technician-Mechanical

Course code – ASC/Q6808
Duration of training – 504 hrs
NSQF Level – 5
Next review date – 29th July, 2026

Course Objective

The individual in this role is responsible for overseeing mechanical maintenance operations. Responsibilities include supervising technicians, diagnosing complex mechanical issues, performing repairs, and ensuring quality workmanship. The role involves maintaining inventory, scheduling maintenance tasks, and adhering to safety standards

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with team, customers and others	ASC/N9812
3	Plan and conduct maintenance of mechanical equipment	ASC/N6814

MANUFACTURING

Automotive Assembly Operator

Course code – ASC/Q3604
Duration of training – 360 hrs
NSQF Level – 3
Next review date – 25th March, 2026

Course Objective

The individual in this role is responsible for assembling vehicle components, following strict quality standards, and collaborating with team members to meet production goals. Candidates must possess manual dexterity, attention to detail, and the ability to work efficiently in a fast-paced environment.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Interpret engineering drawing	ASC/N9805
4	Support the technician in vehicle assembly operations	ASC/N3617
5	Employability Skills (30 hours)	DGT/VSQ/N0101

MANUFACTURING

Automotive CNC Machining Technician

Course code – ASC/Q3503
Duration of training – 450 hrs
NSQF Level – 4
Next review date – 20th November, 2025

Course Objective

The individual is primarily involved in various machining and inspection work on CNC machines such as quality verification, minor repair work, change of worn-out tools, re-setting of the tools, machine programming, and de-burring.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interpret engineering drawing	ASC/N9805
3	Prepare for machining activities	ASC/N3535
4	Perform machining operations	ASC/N3508
5	Perform post machining and maintenance activities	ASC/N3509
6	Employability Skills (60 hours)	DGT/VSQ/N0102

MANUFACTURING

Automotive Machining Operator

Course code – ASC/Q3501
Duration of training – 360 hrs
NSQF Level – 3
Next review date – 20th November, 2025

Course Objective

The individual in this role supports the machining technician in various machining and inspection work on CNC/conventional machines such as quality verification, minor repair work, change of worn-out tools, resetting of the tools, machine programming, and de-burring.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interpret engineering drawing	ASC/N9805
3	Interact effectively with colleagues, customers and others	ASC/N9802
4	Support in machining and post-machining activities	ASC/N3506
5	Employability Skills (30 hours)	DGT/VSQ/N0101

MANUFACTURING

Automotive Quality Control Inspector

Course code – ASC/Q6303
Duration of training – 400 hrs
NSQF Level – 4
Next review date – 31st August, 2024

Course Objective

The individual is responsible for conducting inspections and maintaining the quality of the manufactured automotive products and related processes to deliver high-quality products to customers.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Inspect and maintain the automotive product and process quality and implement corrective actions	ASC/N6303

MANUFACTURING

Automotive Welding Machine Technician

Course code – ASC/Q3103
Duration of training – 450 hrs
NSQF Level – 4
Next review date – 25th March 2026

Course Objective

The individual is primarily involved in all robotic and manual welding operations performed in automotive manufacturing. They use various types of welding processes such as TIG, MIG, SMAW welding, etc. The individual performs activities such as inspection of equipment condition, gauging, testing, and inspection of welded workpieces.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interpret engineering drawing	ASC/N9805
3	Perform welding and post welding operations	ASC/N3109
4	Employability Skills (60 hours)	DGT/VSQ/N0102

MANUFACTURING

Automotive Plastic Moulding Technician

Course code – ASC/Q4401
Duration of training – 400 hrs
NSQF Level – 4
Next review date – 29th July 2026

Course Objective

The individual is involved in operating the moulding process apparatus and performing various moulding and post moulding activities. Efficiently operate the moulding process apparatus according to established procedures and safety guidelines.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Prepare for plastic moulding process	ASC/N4401
4	Perform plastic moulding and post-moulding operations	ASC/N4402

MANUFACTURING

Automotive Quality Control Assistant

Course code – ASC/Q6301
Duration of training – 360 hrs
NSQF Level – 3
Next review date – 20th January 2026

Course Objective

The individual is involved in supporting quality assurance processes. Responsibilities include conducting inspections, documenting findings, and assisting in resolving quality issues. The role requires attention to detail, strong communication skills, and a commitment to maintaining high standards of product quality.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Interpret engineering drawing	ASC/N9805
4	Inspect automotive parts, products and processes quality	ASC/N6301

MANUFACTURING

Automotive Packing Assistant

Course code – ASC/Q6102
Duration of training – 256 hrs
NSQF Level – 2
Next review date – 31st August 2024

Course Objective

The primary objective of individuals in this job role is to execute the packing and unpacking processes for various parts and assemblies following production and shipping schedules. The focus is on ensuring the efficient, accurate, and timely handling of items to meet organizational and customer requirements.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Safely pack and unpack the materials to meet production and shipment schedule	ASC/N6102

MANUFACTURING

Automotive Quality Control Assistant

Course code – ASC/Q4101
Duration of training – 480 hrs
NSQF Level – 4
Next review date – 29th July 2026

Course Objective

The individuals at this job perform Responsibilities that include organizing, calibrating, and repairing automotive tools and equipment. The role involves coordinating with mechanics to ensure the availability of necessary tools for repairs. Experience with tool tracking systems and attention to detail are essential.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Prepare for tool and die manufacturing operations	ASC/N4101
4	Perform tool and die manufacturing operations	ASC/N4102

MANUFACTURING

Automotive Welding Machine Assistant

Course code – ASC/Q3101
Duration of training – 256 hrs
NSQF Level – 2
Next review date – 20th January 2026

Course Objective

The individual in this role supports the Automotive Welding Machine Operator during preparation for welding work such as bringing raw materials and tools, welding activities such as machine setup, aligning workpiece, holding tools etc., and post welding activities such as cleaning and maintenance of machine and work area.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Support the welding operator in routine welding activities	ASC/N3101

MANUFACTURING

Automotive Automation Specialist

Course code – ASC/Q6807
Duration of training – 568 hrs
NSQF Level – 6
Next review date – 18th March 2026

Course Objective

Individual at this job is responsible for the identification of automation opportunities, vendor identification, and implementation of automation systems at shop floor for various automotive manufacturing processes.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with team, customers and others	ASC/N9812
3	Repair and maintain the process control systems	ASC/N6809
4	Plan and arrange installation of new systems	ASC/N6810
5	Select and operate 3D Printing machine for product generation	ASC/N6811

MANUFACTURING

Automotive Machining Assistant

Course code – ASC/Q3502
Duration of training – 300 hrs
NSQF Level – 2
Next review date – 27th May, 2026

Course Objective

The individual in this role supports the machining operator during the preparation of machining work such as bringing raw materials and tools, machining activities such as machine setup, aligning workpieces, holding tools, etc., and cleaning and maintenance of the machine and work area.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Support the machining operator in the routine machining activities	ASC/N3501
4	Employability Skills (30 hours)	DGT/VSQ/N0101

MANUFACTURING

Automotive Machining Trainer

Course code – ASC/Q3511
Duration of training – 520 hrs
NSQF Level – 5
Next review date – 30th September 2024

Course Objective

The individual is using pre-set lesson plans and training materials to plan and conduct training sessions for the machining team to impart competency-based skills and knowledge.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9810
2	Interact effectively with team, customers and others	ASC/N9812
3	Plan and deliver competency based, led training sessions as per session plan	ASC/N3541
4	Evaluation and assessment of trainees	ASC/N3542
5	Conduct technical training of machining team	ASC/N3543
6	Interpret engineering drawing	ASC/N9805

MANUFACTURING

Electric Vehicle Assembly Technician

Course code – ASC/Q3605
Duration of training – 420 hrs
NSQF Level – 3.5
Next review date – 3rd May 2026

Course Objective

The individual is responsible for assembling various components of electric vehicles according to established procedures and standards as well as performing quality checks to ensure vehicles meet safety and performance requirements.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Employability Skills (60 Hours)	DGT/VSQ/N0102
3	Interpret engineering drawing	ASC/N9805
4	Perform electric vehicle assembly operations	ASC/N3619

MANUFACTURING

Automotive Assembly Lead Technician

Course code – ASC/Q3602
Duration of training – 520 hrs
NSQF Level – 5
Next review date – 31st August 2024

Course Objective

The individual is primarily involved in all assembly and quality check operations performed in automotive manufacturing. They support assembly operators and technicians in performing various assembly operations and inspecting assembled auto components.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9810
2	Interact effectively with the team, customers, and others	ASC/N9812
3	Manage shop floor Assembly operations and team	ASC/N3620
4	Perform assembly and post assembly operations	ASC/N3614

MANUFACTURING

Automotive Conventional Machining Technician

Course code – ASC/Q3510
Duration of training – 520 hrs
NSQF Level – 4
Next review date – 18th November 2025

Course Objective

The individual is primarily involved in various machining and inspection work on conventional/ manual machines such as quality verification, minor repair work, change of worn-out tools, re-setting of the tools, etc.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers, and others	ASC/N9802
3	Interpret engineering drawing	ASC/N9805
4	Perform turning operations on conventional lathe	ASC/N3536
5	Perform drilling, reaming, tapping, and boring operations on conventional lathe	ASC/N3537
6	Perform milling operations on conventional lathe	ASC/N3538
7	Perform grinding operations on conventional lathe	ASC/N3539

MANUFACTURING

Automotive Assembly Master Technician

Course code – ASC/Q3603
Duration of training – 560 hrs
NSQF Level – 6
Next review date – 29th July 2026

Course Objective

The individual is primarily responsible for overseeing the assembly process of automotive vehicles, ensuring that each component is correctly installed and functioning properly, expertise in automotive systems and advanced troubleshooting skills will be essential in diagnosing and resolving any issues that arise during

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9810
2	Interact effectively with team, customers and others	ASC/N9812
3	Interpret engineering drawing	ASC/N9805
4	Manage shop floor assembly operations and team	ASC/N3620
5	Plan and perform assembly of critical auto parts and aggregates	ASC/N3616

MANUFACTURING

Automotive Machining Lead Technician

Course code – ASC/Q3505
Duration of training – 520 hrs
NSQF Level – 5
Next review date – 29th July 2026

Course Objective

The individual is primarily involved in various machining and inspection work on CNC/conventional machines such as quality verification, minor repair work, resetting of the tools, machine programming, etc.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9810
2	Interact effectively with team, customers and others	ASC/N9812
3	Interpret engineering drawing	ASC/N9805
4	Manage shop floor Machining operations and team	ASC/N3540
5	Perform machining and post machining operations	ASC/N3510

MANUFACTURING

Electric Vehicle Assembly Operator

Course code – ASC/Q3606
Duration of training – 300 hrs
NSQF Level – 2.5
Next review date – 3rd May 2026

Course Objective

The individual is primarily responsible for assembling various components of electric vehicles, following strict guidelines and procedures. This includes installing electrical systems, batteries, motors, and other essential parts. Attention to detail and precision are crucial to ensure the quality and safety of the finished product.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Employability Skills (30 Hours)	DGT/VSQ/N0101
3	Interpret engineering drawing	ASC/N9805
4	Support the technician in electric vehicle assembly operations	ASC/N3618

MANUFACTURING

Automotive Welding Machine Lead Technician

Course code – ASC/Q3104
Duration of training – 520 hrs
NSQF Level – 5
Next review date – 29th July 2026

Course Objective

The individual is primarily involved in all robotic and manual welding operations performed in automotive manufacturing. They supervise and support welding operators and technicians in performing various types of welding processes such as TIG, MIG, SMAW welding, etc., and inspection of equipment condition, testing, and inspection of welded workpieces.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9810
2	Interact effectively with team, customers and others	ASC/N9812
3	Interpret engineering drawing	ASC/N9805
4	Manage shop floor Welding operations and team	ASC/N3115
5	Perform welding and post-welding activities	ASC/N3113

MANUFACTURING

Automotive Quality Control Lead Inspector

Course code – ASC/Q6305
Duration of training – 520 hrs
NSQF Level – 5
Next review date – 29th July 2026

Course Objective

The individual is responsible for conducting validation and maintaining the quality of the manufactured automotive products and related processes to deliver high-quality products to customers.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9810
2	Interact effectively with team, customers and others	ASC/N9812
3	Calibrate and maintain the quality of parts and processes	ASC/N6310

MANUFACTURING

Industrial Robotic system planning (60 hrs NOS Qualification)

Course code – ASC/N8353
Duration of training – 60 hrs
NSQF Level – 5.5
Next review date – 29th September 2026

Course Objective

An Industrial Robotic System Planner is tasked with designing and planning the implementation of robotic systems in industrial settings. Their responsibilities include analysing production processes to identify areas where robotics can improve efficiency, selecting appropriate robotic technologies based on requirements and budget constraints, designing layouts and workflows to integrate robots into existing production lines, and overseeing the installation and testing of robotic systems. They collaborate with engineers, programmers, and production managers to ensure that robotic solutions meet the needs of the organization and comply with safety standards. Additionally, they may provide training and support to personnel operating the robotic systems.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Industrial Robotic System Planning	ASC/N8353, V1

MANUFACTURING

Industrial Robotic system integration (60 hrs NOS Qualification)

Course code – ASC/N8352
Duration of training – 60 hrs
NSQF Level – 5.5
Next review date – 29th September 2026

Course Objective

An Industrial Robotic System Integrator is responsible for the seamless integration of robotic systems into industrial environments. Their role involves collaborating with clients to understand their manufacturing needs, selecting the appropriate robotic technologies, designing custom solutions, programming the robots to perform specific tasks, and integrating them into existing production processes. They ensure that the robotic systems operate efficiently, safely, and in compliance with industry standards. Additionally, they train operators and maintenance staff, troubleshoot any issues that arise during integration, and optimize the performance of the robotic systems to enhance productivity and quality.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Industrial Robotic System Integration	ASC/N8352, V1

MANUFACTURING

Automotive Press Shop Technician

Course code – ASC/Q3402
Duration of training – 400 hrs
NSQF Level – 4
Next review date – 31st August 2024

Course Objective

An Automotive Press Shop Technician is responsible for operating and maintaining machinery used in the automotive press shop. Their duties typically include setting up and adjusting press machines to produce stamped metal components according to specifications, monitoring the production process to ensure quality and efficiency, performing routine maintenance tasks such as cleaning and lubricating equipment, and troubleshooting any mechanical issues that may arise during operation. They work closely with production supervisors and engineers to optimize the manufacturing process and minimize downtime.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Prepare for press shop operations	ASC/N3402
4	Perform press shop operations	ASC/N3404

MANUFACTURING

Automotive Press Shop Technician

Course code – ASC/Q3202
Duration of training – 304 hrs
NSQF Level – 3
Next review date – 31st August 2024

Course Objective

The course is designed to equip individuals with the necessary skills and knowledge to actively participate in automotive casting operations. Participants will engage in hands-on learning experiences and theoretical modules to become proficient in the preparation, execution, and support of casting activities. Upon completion of the course, participants should be able to contribute effectively to casting processes and post-casting operations in the automotive industry.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact e ectively with colleagues, customers and others	ASC/N9802
3	Prepare for casting process	ASC/N3205
4	Perform post casting operations	ASC/N3207

MANUFACTURING

Automotive Plastic Moulding Assistant

Course code – ASC/Q4402
Duration of training – 256 hrs
NSQF Level – 2
Next review date – 31st August 2024

Course Objective

The individual in this role supports the Plastic Moulding Operator / Technician during preparation for moulding work such as bringing material and tools, moulding activities such as equipment setup, holding tools, etc., and post-moulding activities such as cleaning and maintenance of equipment and work area.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Support the plastic moulding operator /technician in routine moulding activities	ASC/N4404

MANUFACTURING

Automotive Product Equipment Design Engineer

Course code – ASC/Q6405
Duration of training – 504 hrs
NSQF Level – 5
Next review date – 29th July 2026

Course Objective

The individual at this job is responsible for design details of the equipment-mechanism, fixtures, tools, gauges, and other instruments for manufacturing & measuring the quality standards of the production process. 1. Design fixtures, workstation, and their mechanisms 2. Release the drawings and manage the documentation for engineering change 3. Select and operate a 3D Printing machine for product generation 4. Manage work and resources (Manufacturing) 5. Interact effectively with the team, customers, and others.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810
2	Interact effectively with team, customers and others	ASC/N9812
3	Design fixtures, workstation and their mechanisms	ASC/N6413
4	Release the drawings and manage the documentation for engineering change	ASC/N6422
5	Select and operate 3D Printing machine for product	ASC/N6811

MANUFACTURING

Automotive Press Shop Assistant

Course code – ASC/Q3401
Duration of training – 256 hrs
NSQF Level – 2
Next review date – 31st August 2024

Course Objective

The individual in this role supports the Press Shop Technician during preparation for pressing work such as bringing material and tools, pressing activities such as equipment setup, holding tools, etc., and post-pressing activities such as cleaning and maintenance of equipment and work area.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Support the press shop technician during pressing operations	ASC/N3401

MANUFACTURING

Automotive Casting Technician

Course code – ASC/Q6405
Duration of training –256 hrs
NSQF Level – 2
Next review date – 31st August 2024

Course Objective

The individual in this role supports the Press Shop Technician during preparation for pressing work such as bringing material and tools, pressing activities such as equipment setup, holding tools, etc., and post-pressing activities such as cleaning and maintenance of equipment and work area.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Support the press shop technician during pressing operations	ASC/N3401

MANUFACTURING

Automotive Tool Room Lead Technician

Course code – ASC/Q4102
Duration of training –560 hrs
NSQF Level – 5
Next review date – 30th September 2024

Course Objective

An Automotive Tool Room Lead Technician oversees the maintenance and repair of tools, dies, and moulds used in automotive manufacturing processes. Their responsibilities include managing a team of technicians, scheduling and prioritizing maintenance tasks, coordinating with production teams to ensure tool availability, and conducting regular inspections to identify and address issues with tools and equipment. They also collaborate with engineers and designers to develop and implement improvements to tooling designs and processes, optimize tooling performance, and reduce downtime.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Interact effectively with colleagues, customers and others	ASC/N9802
3	Manage shop floor tool room operations and teams	ASC/N4106
4	Supervise various operations related to tool and die manufacturing	ASC/N4105

MANUFACTURING

Automotive Additive Manufacturing Operator

Course code – ASC/Q6410
Duration of training –390 hrs
NSQF Level – 3
Next review date – 17th November 2025

Course Objective

An Automotive Additive Manufacturing Operator is responsible for operating and maintaining additive manufacturing equipment used in automotive production. Their duties typically include setting up 3D printers, loading materials, monitoring the printing process, and removing finished parts. They ensure that the equipment operates efficiently and troubleshoot any issues that arise during printing. Additionally, they may collaborate with engineers and designers to optimize part designs for additive manufacturing, conduct quality inspections on finished parts, and maintain records of production activities.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Employability Skills (30 Hours)	DGT/VSQ/N0101
3	Operate and maintain 3D printing machine for product generation	ASC/N6427

MANUFACTURING

Automotive Additive Manufacturing Technician

Course code – ASC/Q6411
Duration of training –420 hrs
NSQF Level – 3.5
Next review date – 30th December 2024

Course Objective

The Automotive Additive Manufacturing Technician specializes in operating and maintaining additive manufacturing (AM) equipment within the automotive industry. Their responsibilities include setting up and calibrating 3D printers, loading materials into the machines, monitoring print jobs to ensure quality and accuracy, and troubleshooting any issues that arise during the printing process. They may collaborate with engineers and designers to optimize designs for AM, including prototyping and producing complex automotive parts. Additionally, they are responsible for performing routine maintenance on the equipment, such as cleaning and replacing components, to ensure optimal performance.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803
2	Employability Skills (60 Hours)	DGT/VSQ/N0102
3	Designing of a new or existing product by using design software tools	ASC/N6428, V1.0
4	Operate and maintain 3D printing machine for product generation	ASC/N6427, V1.0

MANUFACTURING

Automotive IIOT Application Engineer

Course code – ASC/Q6412
Duration of training –450 hrs
NSQF Level – 4.5
Next review date – 27th January 2025

Course Objective

Individuals at this job are responsible for integrating machines, robots, and automation systems, establishing healthy communication using network protocols, remote monitoring, and fetching vital machine data using IIOT edge devices within an organization for all its processes, the new development, production, and application phases.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Employability Skills (60 Hours)	DGT/VSQ/N0102
3	Design network architecture for end-to-end IoT solutions	ASC/N8227, V2.0
4	Integration of Machines, Robots and Automation system using industrial networking protocols, IIOT Sensors and I/O Link	ASC/N6429, V2.0
5	Perform Remote Monitoring, Controlling and fetch Vital machine data using IIOT Edge Devices	ASC/N6430, V2.0
6	Maintenance and Troubleshoot IIOT network and Devices	ASC/N6431, V2.0

MANUFACTURING

Automotive IIOT Application Technician

Course code – ASC/Q6413
Duration of training –420 hrs
NSQF Level – 3.5
Next review date – 31st March 2025

Course Objective

Individual at this job is responsible for Integrating Machines, robots, and Automation Systems, IIOT sensors using I/O Master Link and Establish Healthy Communication using Network Protocols, Remote Monitoring and Controlling within an organization for all its processes, the new development, production and Application Phases.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Employability Skills (60 Hours)	DGT/VSQ/N0102
3	Support in integration of machines, robots and automation system, IIOT sensors using industrial networking protocols, and I/O link	ASC/N6432, V1.0
4	Perform remote monitoring, controlling, and fetching of vital machine data of the devices connected in the IIOT network	ASC/N6433, V1.0
5	Carry out maintenance and troubleshooting of I/O link master and IIOT network devices	ASC/N6434, V1.0

MANUFACTURING

Automotive Assembly Assistant

Course code – ASC/Q3607
Duration of training –256 hrs
NSQF Level – 2.0
Next review date – 29th July 2026

Course Objective

The individual in this role supports the Automotive Assembly Operator during preparation for assembly work such as bringing auto components and tools, assembling activities such as equipment setup, holding tools etc. and post-assembly activities such as cleaning and maintenance of equipment and work area.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Interact effectively with colleagues, customers and others	ASC/N9802, V1.0
3	Support the assembly operator in routine assembly activities	ASC/N3621, V1.0

MANUFACTURING

Automotive Material Handling Assistant

Course code – ASC/Q6101
Duration of training –256 hrs
NSQF Level – 2.0
Next review date – 29th July 2026

Course Objective

The individuals at this job perform loading and unloading of raw material, different vehicles, parts, assemblies, components etc. and transfer them to the stores and transport vehicles based on the requirement.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Interact effectively with colleagues, customers and others	ASC/N9802, V1.0
3	Safely load/unload material from stores	ASC/N6101, V2.0

MANUFACTURING

Automotive Forging Technician

Course code – ASC/Q4501
Duration of training –400 hrs
NSQF Level – 4.0
Next review date – 29th July 2026

Course Objective

The primary objective of the Automotive Forging Technician course is to equip individuals with the knowledge, skills, and competencies required to operate forging process apparatus effectively and perform various forging and post-forging activities. Participants will gain expertise in handling forging equipment, ensuring product quality, and executing post-forging operations. The course aims to prepare individuals for roles where they contribute to the efficient and accurate production of forged components in the automotive industry.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Interact effectively with colleagues, customers and others	ASC/N9802, V1.0
3	Prepare for forging operations	ASC/N4501, V2.0
4	Perform forging operations	ASC/N4502, V2.0
5	Perform post forging operations	ASC/N4503, V2.0

MANUFACTURING

Automotive Welding Machine Master Technician

Course code – ASC/Q3105
Duration of training –560 hrs
NSQF Level – 6.0
Next review date – 29th July 2026

Course Objective

The Automotive Welding Machine Master Technician course aims to provide individuals with advanced skills and knowledge in various welding processes, with a focus on new product development. Participants will develop expertise in programming robotic welding systems, conducting quality checks, creating process sheets, and engaging in other critical aspects of welding operations in the automotive industry.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Interpret engineering drawing	ASC/N9805, V1.0
4	Manage shop floor welding operations and team	ASC/N3115, V1.0
5	Plan, execute and evaluate the welding process for new product development	ASC/N3116, V2.0

MANUFACTURING

Automotive Machining Master Technician

Course code – ASC/Q3506
Duration of training –560 hrs
NSQF Level – 6.0
Next review date – 29th July 2026

Course Objective

The individual is primarily involved in various machining and new product development processes on CNC/conventional machines such as writing and modifying CNC program, quality verification, resetting of the tools, machine PPAP process, six sigma capability study etc.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Interpret engineering drawing	ASC/N9805, V1.0
4	Manage shop floor machining operations and team	ASC/N3540, V1.0
5	Plan, execute and evaluate the machine processes for new product development	ASC/N3511, V2.0

MANUFACTURING

Automotive Material Handling Operator

Course code – ASC/Q6103
Duration of training –304 hrs
NSQF Level – 3.0
Next review date – 31st August 2024

Course Objective

The Automotive Material Handling Operator course is designed to equip individuals with the necessary skills and knowledge to effectively handle the picking and issuing of various parts and assemblies from stores/warehouses. The course aims to enhance participants' abilities to streamline material flow, meet production schedules, and contribute to efficient shipping processes within the automotive industry.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Interact effectively with colleagues, customers and others	ASC/N9802, V1.0
3	Pick and issue the parts from stores as per BOM	ASC/N6103, V2.0

MANUFACTURING

Automotive Heat Treatment Technician

Course code – ASC/Q3901
Duration of training – 400 hrs
NSQF Level – 4.0
Next review date – 30th September 2024

Course Objective

The Automotive Heat Treatment Technician course is designed to provide participants with in-depth knowledge and practical skills related to heat treatment processes within the automotive industry. Participants will gain expertise in the application of heat treatment techniques to enhance the mechanical properties and durability of automotive components.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Interact effectively with colleagues, customers, and others	ASC/N9802, V1.0
3	Prepare for the heat treatment process	ASC/N3901, V2.0

MANUFACTURING

Automotive Maintenance Assistant

Course code – ASC/Q6806
Duration of training – 280 hrs
NSQF Level – 3.0
Next review date – 30th September 2024

Course Objective

The Automotive Maintenance Assistant course is designed to equip participants with the fundamental skills and knowledge necessary to assist in the maintenance of automotive vehicles and systems. This course provides a foundational understanding of automotive maintenance principles and practical skills to support maintenance operations in the automotive industry.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Interact effectively with colleagues, customers and others	ASC/N9802, V1.0
3	Support the Maintenance Technician in routine maintenance activities	ASC/N6808, V2.0

MANUFACTURING

Automotive Welding Machine Trainer

Course code – ASC/Q3110
Duration of training – 520 hrs
NSQF Level – 5.0
Next review date – 25th November 2024

Course Objective

The Welding Team Training Trainer course is designed to empower individuals with the skills and knowledge required to effectively plan and conduct competency-based training sessions for welding teams. Participants will learn to utilize pre-set lesson plans and training materials, ensuring the impartation of comprehensive skills and knowledge within a structured learning environment.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Interpret engineering drawing	ASC/N9805, V1.0
4	Plan and deliver competency based, instructor-led training sessions for welding operations as per the session plan	ASC/N3117, V1.0
5	Evaluation and assessment of welders	ASC/N3118, V1.0
6	Conduct technical training of the welding team	ASC/N3119, V1.0

MANUFACTURING

Electric Vehicle Quality Control Inspector

Course code – ASC/Q6307
Duration of training – 420 hrs
NSQF Level – 3.5
Next review date – 25th November 2024

Course Objective

The Automotive Quality Inspection Specialist course is designed to equip individuals with the essential skills and knowledge needed to conduct inspections and maintain the quality of manufactured automotive products. Participants will learn the intricacies of quality control processes, ensuring the delivery of high-quality products to meet customer expectations.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Employability Skills (60 hours)	DGT/VSQ/N0102, V1.0
3	Inspect and maintain the electric vehicle (EV) parts and process quality and implement corrective actions	ASC/N6313, V1.0

MANUFACTURING

Automotive Additive Manufacturing Engineer

Course code – ASC/Q6414
Duration of training – 600 hrs
NSQF Level – 6.0
Next review date – 28th July 2025

Course Objective

The individual at this job is responsible for finalizing product specifications, designing automotive components, jigs & fixtures, and developing product prototypes as per the requirements fixed by the R&D team.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Prepare for product designing	ASC/N6435, V1.0
4	Design automotive component, jigs & fixtures using CAD Software	ASC/N6436, V1.0
5	Develop product prototype by 3D printing	ASC/N6437, V1.0

MANUFACTURING

Automotive Manufacturing Data Analyst Engineer

Course code – ASC/Q6416
Duration of training – 630 Hours
NSQF Level – 6.0
Next review date – 05th January 2026

Course Objective

The Automotive Manufacturing Data Analyst Engineer course is designed to equip individuals with the specialized skills and knowledge required to analyze and utilize data in the context of automotive manufacturing processes. Participants will gain expertise in leveraging data analytics to enhance efficiency, quality, and decision-making within the automotive manufacturing environment.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Data Extraction and Collection from Industrial Robots, Automation systems, Machines & Other Manufacturing systems	ASC/N6438, V1.0
3	Data preparation and acquisition for analysis	ASC/N6439, V1.0
4	Dashboarding of the Analysed Manufacturing Data	ASC/N6440, V1.0
5	Employability Skills (90 hours)	DGT/VSQ/N0104, V1.0

MANUFACTURING

Automotive Data Science Head

Course code – ASC/Q6419
Duration of training – 750 hrs
NSQF Level – 7.0
Next review date – 29th March 2026

Course Objective

The individual at this job is responsible for the management and supervision of designing and developing visualization platforms for end-to-end visibility, analytics solutions and services, and customer retention strategies based on the customer database. He/she also leads the development activities and guides the team on the technical front in analytics solutions and reviewing code and design activities, proposing suitable solution architecture based on comparative studies. He/she also supports a range of analytical, visualization, and predictive modelling projects along with project management.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Employability Skills (120 hours)	DGT/VSQ/N0104, V1.0
3	Supervise and manage the model development process	ASC/N6441, V1.0
4	Prepare and visualize data by using analytical tools	ASC/N6442, V1.0
5	Supervise and develop solutions for complex business problems	ASC/N6443, V1.0

RESEARCH & DEVELOPMENT

RESEARCH AND DEVELOPMENT

Automotive Prototype Manufacturing Lead Technician

Course code – ASC/Q6501
Duration of training – 520 hrs
NSQF Level – 5.0
Next review date – 29th September 2026

Course Objective

Individuals at this job are responsible for coordinating with different departments and functions to manufacture the prototype vehicle/parts that will finally be used for testing and validation. 1. Develop the prototype for existing product modification 2. Develop the prototype based on the organization's future business plan 3. Select and operate a 3D Printing machine for product generation 4. Manage work and resources (Manufacturing) 5. Interact effectively with team, customers, and others.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with the team, customers, and others	ASC/N9812, V1.0
3	Develop the prototype for existing product modification	ASC/N6501, V1.0
4	Develop the prototype based on organization's future business plan	ASC/N6502, V1.0
5	Select and operate a 3D Printing machine for product generation	ASC/N6503, V1.0

RESEARCH AND DEVELOPMENT

Automotive Automation and Robotics Engineer

Course code – ASC/Q8303
Duration of training – 570 hrs
NSQF Level – 5.0
Next review date – 30th December 2024

Course Objective

The Automotive Automation and Robotics Engineer course is designed to provide individuals with specialized knowledge and skills in the field of automation and robotics within the automotive industry. Participants will gain expertise in designing, implementing, and maintaining automated systems to enhance manufacturing processes and overall efficiency.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Employability Skills (90 Hours)	DGT/VSQ/N0103, V1.0
3	Designing, selection, and integration of Automation Systems	ASC/N8305, V1.0
4	Selection, Installation, Commissioning, and Maintenance of Industrial Robot	ASC/N8306, V2.0
5	Integration of robots and automation system using industrial networking protocols	ASC/N8307, V1.0
6	Design, operate and maintain 3D printing machine for product generation	ASC/N8308, V1.0

RESEARCH AND DEVELOPMENT

Automotive CAD Technician

Course code – ASC/Q8201
Duration of training – 400 hrs
NSQF Level – 4.0
Next review date – 30th September 2024

Course Objective

The Automotive CAD Technician course is designed to equip individuals with the specialized skills and knowledge required to work as Computer-Aided Design (CAD) Technicians specifically within the automotive industry. Participants will gain proficiency in using CAD software to create detailed technical drawings and 3D models for automotive components and systems.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Interact effectively with colleagues, customers and others	ASC/N9802, V1.0
3	Create design of component/ aggregate	ASC/N8201, V2.0

RESEARCH AND DEVELOPMENT

Automotive Electric Vehicle Test Engineer

Course code – ASC/Q8406
Duration of training – 510 hrs
NSQF Level – 4.5
Next review date – 24th April 2026

Course Objective

The Automotive Electric Vehicle Test Engineer course is designed to provide individuals with specialized skills and knowledge to conduct testing and validation of electric vehicles (EVs) and their components. Participants will gain expertise in evaluating the performance, safety, and reliability of electric vehicles, contributing to the development of sustainable transportation solutions.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Employability Skills (60 Hours)	DGT/VSQ/N0102
3	Interpret engineering drawing	ASC/N9805, V1.0,
4	Perform testing of electric vehicle	ASC/N8410, V1.0

RESEARCH AND DEVELOPMENT

Automotive Computer-Aided Product Design

Course code – ASC/N8114
Duration of training – 60 hrs
NSQF Level – 5.5
Next review date – 29th September 2026

Course Objective

The Automotive Computer-Aided Product Design course with a focus on Robotics Setup and Commissioning is designed to provide individuals with specialized skills and knowledge in leveraging computer-aided design (CAD) for the setup, installation, and commissioning of robotics systems within the automotive industry.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	**Computer Aided Product Design**	**ASC/N8114, V1.0**

RESEARCH AND DEVELOPMENT

Automotive Product Reverse Engineering

Course code – ASC/N8115
Duration of training – 60 hrs
NSQF Level – 5.5
Next review date – 29th September 2026

Course Objective

The course on Product Reverse Engineering and Robotics Setup is designed to equip individuals with the skills and knowledge required for both product reverse engineering and the setup and installation of robots. Participants will learn to employ reverse engineering techniques to understand and recreate existing products, along with the setup and commissioning of robotics systems for diverse applications.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	**Product Reverse Engineering**	**ASC/N8115, V1.0**

RESEARCH AND DEVELOPMENT

Automotive Electric Vehicle Product Design Engineer

Course code – ASC/Q6808
Duration of training – 510 hrs
NSQF Level – 4.5
Next review date – 23rd June 2026

Course Objective

The individual at this job is responsible for designing the automotive products using different simulation tools based on requirements. The individual is also responsible for supporting the manager in ensuring that the designed product includes aspects related to telematics, human-machine interface, ergonomics, and design of EV.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Employability Skills (60 hours)	DGT/VSQ/N0102, V1.0
3	Interpret engineering drawing	ASC/N9805, V1.0
4	Support the manager in finalizing the design specifications and reliability parameters of the product	ASC/N8106, V1.0
5	Design vehicles and components using simulation tools	ASC/N8107, V1.0

RESEARCH AND DEVELOPMENT

Automotive Product Design Lead Engineer

Course code – ASC/Q8102
Duration of training – 568 hrs
NSQF Level – 6.0
Next review date – 30th September 2024

Course Objective

The Product Design Lead Engineer course is designed to equip individuals with advanced skills and knowledge in leading product design projects. Participants will gain proficiency in managing the end-to-end product design process, from conceptualization to implementation, and develop leadership abilities to guide design teams effectively.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Explaining the product requirements, support the manager in finalizing the design specifications and reliability parameters of the product	ASC/N8102, V2.0
4	Design vehicles & components using computer aided technology	ASC/N8103, V2.0
5	Manage the product data and system integration mechanism	ASC/N8104, V2.0
6	Performing the component designing operation for 3D manufacturing machine	ASC/N8108, V2.0
7	Select and operate 3D Printing machine for product generation.	ASC/N6811, V2.0

RESEARCH AND DEVELOPMENT

Automotive Material Testing Incharge

Course code – ASC/Q6504
Duration of training – 600 hrs
NSQF Level – 6
Next review date – 30th September 2024

Course Objective

The Material Testing Incharge course is designed to equip individuals with the skills and knowledge required to oversee and manage material testing processes effectively. Participants will gain expertise in various material testing methods, quality control procedures, and leadership skills to ensure the reliability and compliance of materials used in manufacturing and construction.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Perform testing and validation of materials	ASC/N6503, V2.0
4	Develop alternate material for improving the product quality	ASC/N6504, V2.0
5	Select and operate 3D Printing machine for product generation	ASC/N6811, V1.0

RESEARCH AND DEVELOPMENT

Automotive Product Testing Technician

Course code – ASC/Q8407
Duration of training – 420 hrs
NSQF Level – 4
Next review date – 28th April 2025

Course Objective

The Automotive Product Testing Technician course is designed to equip individuals with the specialized skills and knowledge required to conduct diverse tests on vehicles, both within a laboratory setting and on the road. Participants will gain expertise in performing comprehensive testing procedures to ensure the safety, performance, and compliance of automotive products.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Organize work and resources (Manufacturing)	ASC/N9803, V1.0
2	Interact effectively with colleagues, customers and others	ASC/N9802, V1.0
3	Perform testing of vehicle	ASC/N8401, V1.0

RESEARCH AND DEVELOPMENT

Automotive Robotics and Automation Simulation Engineer

Course code – ASC/Q8304
Duration of training – 570 hrs
NSQF Level – 6
Next review date – 28th July 2025

Course Objective

The individual at this job is responsible for designing, finalizing, and modifying all robotics manufacturing lines to be installed in Automotive manufacturing. They master the use of various skills like Material flow and Process Development, Layout finalization and PFD, New Equipment Specification writing, Robot and EOAT Selection, Robot reachability and weld feasibility, Weld Distribution, and Offline Robotic Programming.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Prepare for simulation and integration of robot and automation system	ASC/N8313, V1.0
4	Selection, designing and lay outing of robot and automation system	ASC/N8314, V1.0
5	Simulation and integration of robot and automation system	ASC/N8315, V1.0

RESEARCH AND DEVELOPMENT

Automotive Robotics and Automation Manager

Course code – ASC/Q8305
Duration of training – 660 hrs
NSQF Level – 7
Next review date – 28th July 2025

Course Objective

The Automotive Robotics and Automation Manager course is designed to equip individuals with the advanced skills and knowledge required to understand, implement, and manage robotic automation operations on the shop floor in the automotive industry. Participants will gain expertise in optimizing automation processes, ensuring efficiency, and contributing to the strategic goals of the organization.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Manage robot operations for automobile manufacturing process	ASC/N8309, V1.0
4	Plan installation and execution of robotic system	ASC/N8310, V1.0
5	Manage robotic line operations and team	ASC/N8311, V1.0
6	Liaison with vendors and other departments	ASC/N8312, V1.0

RESEARCH AND DEVELOPMENT

Automotive Robotics System Integrator/Planner

Course code – ASC/Q8306
Duration of training – 570 hrs
NSQF Level – 6
Next review date – 28th July 2025

Course Objective

The individual is primarily involved in installation, interfacing and programming processes of industrial robot and cobot systems. They use various types of programming and simulation processes like Online and Offline project creation to map the application requirements with real setup. They support the robot technician in activities such as robotic cell anatomy, robotic cell layout mapping and development, wire harnessing, interfacing and installation of robot/cobot setups and their programming.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Identify product feasibility and setup requirements	ASC/N8316, V1.0
4	Selection and setup of end-effector and robot	ASC/N8317, V1.0
5	Installation, commissioning and integration of robot system	ASC/N8318, V1.0
6	Robot/Cobot programming and application testing	ASC/N8319, V1.0

RESEARCH AND DEVELOPMENT

Automotive Smart Manufacturing Engineer

Course code – ASC/Q8307
Duration of training – 570 hrs
NSQF Level – 6
Next review date – 28th July 2025

Course Objective

The individual at this job is responsible for developing automated and non-automation systems, IIoT sensors, IO-link trans-receivers, and IO-Link based electronic communication for dashboards, establish healthy communication using industrial networking standard for machine integration to fetch vital machine data using IIoT edge devices within the organization for all its manufacturing process new developments, designing.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812, V1.0
3	Selection and designing of IIoT sensors, dashboard and automation systems	ASC/N8320, V1.0
4	Manage integration of IIoT sensors, edge devices and machines with robots and industrial automated systems NOS Version No. –1.0	ASC/N8321, V1.0
5	Manage remote monitoring, controlling and data acquisition through IIoT sensors and edge devices	ASC/N8322, V1.0

RESEARCH AND DEVELOPMENT

Automotive Smart Manufacturing Specialist

Course code – ASC/Q8308
Duration of training – 660 hrs
NSQF Level – 7
Next review date – 28th July 2025

Course Objective

Individual at this job is responsible for designing and developing the end to end Distributed EDGE Computing solutions and services, Leading the development activities and guiding the team on technical front in Edge computing Solutions, Review of code and design activities, Propose Right Architecture based on comparative studies, Develop working accelerator solutions for the technical teams to adapt, designing the IIoT sensors, IO-Link transreceivers, and EDGE devices to be connected through the standard communication to fetch the data from the machines and the automation systems for EDGE computation.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Interact effectively with team, customers and others	ASC/N9812 , V1.0
3	Prepare financial model and plan project requirements	ASC/N8323, V1.0
4	Manage development of IIOT devices and networking systems	ASC/N8324, V1.0
5	Manage installation and commissioning of IIoT hardware on machine and automation systems	ASC/N8325, V1.0

RESEARCH AND DEVELOPMENT

Automotive Open System Architecture (AUTOSAR) Engineer

Course code – ASC/Q8309
Duration of training – 630 hrs
NSQF Level – 6
Next review date – 17th November 2025

Course Objective

The individual in this job role performs planning, creation, and integration of internal and exterior software and its components. The individual creates software configuration and also monitors its consistency for different variants of the system. He/she coordinates with the responsible person for the software subsystems and the software project manager with regard to software integration and testing, debugging, and analyzing integration problems.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Employability Skills (90 hours)	DGT/VSQ/N0103
3	Develop AUTOSAR Architecture	ASC/N
4	Configure and execute AUTOSAR project	ASC/N

RESEARCH AND DEVELOPMENT

Automotive Sustainability Engineer

Course code – ASC/Q8309
Duration of training – 630 hrs
NSQF Level – 6
Next review date – 05th January 2026

Course Objective

Individual at this job should be able to review, plan & Implement Vehicle Manufacturing using green power, personnel training on green issues, reduction, and recycling initiatives. He/she must also do Planning of all Energy Conservative process events that impact our people, Communities and Environment. Design and Development of the interior influenced by the three pillars of sustainability (economical, ecological, and social issues). Sustainability engineer support and implement programs that focus on improving the environment, saving money for the organisation, & supporting society. He/she conduct research, analyse, and identify opportunities for upcoming projects as well as improvements in current projects / products / Processes.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Review existing Organizational Processes, Product Development Cycle & current market trends suitable	ASC/N8326, V1.0
3	Planning of Sustainable majors to improve current processes to meet organizational targets	ASC/ N8327, V1.0
4	Ensure implementation of action plan & reporting progress to managements	ASC/ N8328, V1.0
5	Maintain sustainability score for the organization to the level & strive to improve further	ASC/ N8329, V1.0
6	Employability Skills (90 hours)	V1.0

RESEARCH AND DEVELOPMENT

Automotive Cybersecurity Engineer

Course code – ASC/Q8312
Duration of training – 630 hrs
NSQF Level – 5.5
Next review date – 28th February 2026

Course Objective

Individuals at this job are responsible for the design of security processes, the detection of threats and Security incidents to Devices, Automation Systems, Robots & Machineries in the IIOT Networks.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Research & Development)	ASC/N9810, V1.0
2	Employability Skills (90 hours)	DGT/VSQ/N0103
3	Manage integration of IIoT sensors, edge devices and machines with robots and industrial automated systems	ASC/N8321, V1.0
4	Design security layers to manage security threats across the communication networks	ASC/N8328, V1.0
5	Detect & respond to security incidents	ASC/N8329, V1.0

RESEARCH AND DEVELOPMENT

Automotive Cyber Security Specialist

Course code – ASC/Q8313
Duration of training – 750 hrs
NSQF Level – 6
Next review date – 28th February 2026

Course Objective

Individuals at this job are responsible for the Execution of security processes, the detection of threats and Security incidents to Devices, Automation Systems, Robots & machinery in the IIOT Networks and report to Appropriate people for Investigation & Action. Also to enhance analytics on Security & Threat Data to improve decision making & Data Accuracy.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Research & development)	ASC/N9818, V1.0
2	Employability Skills (120 hours)	DGT/VSQ/N0104
3	Manage Integration of Edge, Cloud Application and Platform security	ASC/N8330, V1.0
4	Analyse and interpret Security Incidents data and enhance analytics processes	ASC/N8331, V1.0
5	Liasoning with vendors	ASC/N8312, V1.0

RESEARCH AND DEVELOPMENT

Automotive Advanced Driver Assistance System (ADAS) Engineer

Course code – ASC/Q8311
Duration of training – 630 hrs
NSQF Level – 5.5
Next review date – 28th February 2026

Course Objective

The incumbent in the job is responsible for designing and developing the ADAS and its substitute systems. He/she also defines design standards, guidelines, and carryover strategies, reviews test cases for integration and system testing, prepares test scenarios, test environment, and test data, reviews defects identified in the tests and design closure, and prepares process document that would lead to improvement in the quality of validation etc.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Research & development)	ASC/N9818, V1.0
2	Employability Skills (90 hours)	DGT/VSQ/N0103
3	Development of ADAS system	ASC/N8326, V1.0
4	Implementation of the ADAS system	ASC/8327, V1.0

RESEARCH AND DEVELOPMENT

Automotive Smart Manufacturing Head

Course code – ASC/Q6420
Duration of training – 750 hrs
NSQF Level – 7
Next review date – 29th March 2026

Course Objective

The individual at this job is responsible for the management and supervision of designing and developing the visualization platforms for end-to-end visibility, analytics solutions and services, and customer retention strategies based on the customer database. Lead the development activities and guide the team on the technical front in analytics solutions reviewing of code and design activities, proposing suitable solution architecture based on comparative studies. Supported a range of analytical, visualization, and predictive modeling projects along with project management.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Employability Skills (120 hours)	DGT/VSQ/N0104
3	Prepare Financial Model & Plan Project Requirements	ASC/N6444, V1.0
4	Manage the Development of Smart Manufacturing Systems	ASC/N6445, V1.0
5	Manage Installation & Commissioning of Smart Automation System	ASC/N6446, V1.0

RESEARCH AND DEVELOPMENT

Automotive IIOT Application Manager

Course code – ASC/Q6415
Duration of training – 660 hrs
NSQF Level – 6
Next review date – 23rd June 2026

Course Objective

The individual at this job is responsible for managing and monitoring activities of integration of machines, robots, and Automation Systems in Healthy Communication, establish healthy communication using network protocols, remote monitoring and fetch vital machine data using IIOT edge devices within an organization for all its processes, the new development, production and application phases.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Plan and design a Network Architecture using IIOT Solutions	ASC/N6438, V1.0
3	Manage integration of machineries / Automation Systems in Healthy Communication via IIOT Senso	ASC/N6447, V1.0
4	Use Analytics, Edge & Cloud Computing Technologies to make Predictions on Production & Machineries	ASC/N6448, V1.0
5	Liaison with vendors and other departments	ASC/N8332, V1.0
6	Employability Skills (120 hours)	DGT/VSQ/N0104

RESEARCH AND DEVELOPMENT

Automotive Design Safety Manager

Course code – ASC/Q8310
Duration of training – 660 hrs
NSQF Level – 6
Next review date – 23rd June 2026

Course Objective

The individual at this job is responsible for end-to-end design and development of systems and services (Electrical/Electronic/Mechanical), deployment of standards, and review of systems and engineering activities. He/she leads the product engineering activities and guides the team on technical functions through technologies and engineering applications. He/she also develops management processes for the team, PD (Product Development) programs, and reports and records QIP (Quality Improvement Plan) related activities towards achieving product quality excellence.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Conduct safety analysis of electrical/electronic/ mechanical systems	ASC/N8112, V1.0
3	Lead Computer Aided Engineering (CAE) simulations to ensure safety and vehicle performance	ASC/N8113, V1.0
4	Employability Skills (120 hours)	DGT/VSQ/N104

RESEARCH AND DEVELOPMENT

Automotive Flex Fuel Design Engineer

Course code – ASC/Q8105
Duration of training – 630 hrs
NSQF Level – 5.5
Next review date – 28th February 2026

Course Objective

The individual at this job is responsible for end-to-end design and development of engine-fuel-exhaust systems (Electronic controls & Mechanical parts), leading the product engineering work guided on technical functions through trending technologies, market regulations & supplychain conditions, validation of system design & analysis of vehicle performance, proposing alternatives based on emerging statutory standards and recording QIP (Quality Improvement Plan) related activities towards achieving product quality excellence.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Research & Development)	ASC/N9818, V1.0
2	Employability Skills (90 hours)	DGT/VSQ/N0103
3	Design an Engine Management system	ASC/N810, V1.0
4	Conduct Design of Experiments (DoE) methods to investigate the behaviour on various blends of flex-fuel	ASC/N8110, V1.0
5	Perform calculation, design-level simulation, and test result analysis	ASC/N8111, V1.0

RESEARCH AND DEVELOPMENT

Automotive Electric Vehicle BSS (Battery Swapping Station) Planning Engineer

Course code – ASC/Q8314
Duration of training – 630 hrs
NSQF Level – 5.5
Next review date – 28th February 2026

Course Objective

Individuals at this job should plan, evaluate & identify several solutions in the design and architecture of the BSS system & its setup for Electric Vehicles Battery Swapping solutions (BSS) as per the safety norms prescribed by the IEC Standards. BSS planning engineer supports the manager and core team in planning and implementation of technical solutions based on the demand-supply analysis performed.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Research & Development)	ASC/N9818, V1.0
2	Employability Skills (90 hours)	DGT/VSQ/N0103
3	Review the targeted design architecture of the EV	ASC/N8332, V1.0
4	Develop prominent options for BSS architecture, infrastructure, and solutions	ASC/N8333, V1.0
5	Assist manager & project teams to execute implementation of BSS	ASC/N8334, V1.0

RESEARCH AND DEVELOPMENT

Automotive Manufacturing Data Science Specialist

Course code – ASC/Q6417
Duration of training – 660 hrs
NSQF Level – 6
Next review date – 23rd June 2026

Course Objective

The individual at this job is responsible for designing and developing the visualization platforms for end-to-end visibility, after-sales analytics solutions and services, and determining repair cost estimates and allocating repair timelines, recording and creating daily maintenance logs and progress reports. He/she leads the development activities and guides the team on the technical front in analytics solutions and reviewing of code and supports a range of analytical, visualization, and predictive modelling projects along with project management.

Course Module Details (NOS)

Sl.No	*National Occupation Standards (NOS)*	*NOS Codes*
1	Manage work and resources (Manufacturing)	ASC/N9810, V1.0
2	Manage data extraction and collection in automotive manufacturing entities	ASC/N6449
3	Prepare and analyse data by using analytical tools	ASC/N6450, V1.0
4	Develop solutions for complex business problems	ASC/N6443, V1.0
5	Analyse assembly line data in an automotive manufacturing entity	ASC/N6451, V1.0
6	Employability Skills (120 hours)	DGT/VSQ/N0104

RESEARCH AND DEVELOPMENT

Automotive Electronic Battery Management Engineer

Course code – ASC/Q8315
Duration of training – 630 hrs
NSQF Level – 5.5
Next review date – 28th February 2026

Course Objective

Individuals at this job should benchmark, understand, and release the design and architecture of the BMS system & its components for the Electric Vehicle (EV) as per the specified norms and standards. BMS engineer also supports the manager and core team during implementation and field issue resolution after implementation.

Course Module Details (NOS)

Sl.No	National Occupation Standards (NOS)	NOS Codes
1	Manage work and resources (Research & Development)	ASC/N9818, V1.0
2	Employability Skills (90 hours)	DGT/VSQ/N0103
3	Review the targeted design architecture of the EV	ASC/N8335, V1.0
4	Develop prominent options for BMS architecture, infrastructure, and solution	ASC/N8336, V1.0
5	Conduct simulation for verification & validation of various architectures	ASC/N8337, V1.0
6	Support manager to execute implementation of BMS system	ASC/N8338, V1.0


PULSER COIL ASSY

ASDC VISION AND MISSON

Vision & Mission

- To continually develop and upgrade Automotive Skills for Higher value additions (higher value addition through Skilling will facilitate capital creation, leading to more economic activity and consequent additional jobs.)

- Making Skills aspirational and integrated with academic pathways

- Honouring and celebrating the Skilling achievements

To be achieved through

- Complete commitment of the Industry (SIAM, ACMA and FADA) who are already contributing a lot in Skilling on their own.

- Ensuring credibility, reliability, and robustness of the Skill Assessment process.

- Facilitate and support conduct of Skill Competitions.

WHO ARE WE

The automotive industry in India is undergoing a transformation because of its sustained growth and profitability. The Automotive Industry is known to be highly dynamic with ceaseless innovations pouring in from all over the world, changing the face of the industry as we know it.

Promoted by **Automotive Component Manufacturers Association of India (ACMA), Society of Indian Automobile Manufacturers (SIAM) and Federation of Automobile Dealers Associations of India (FADA), ASDC has a vision and mission to continually develop and upgrade automotive skills** for higher value additions facilitating capital creation, leading to more economic activity and consequent additional jobs.

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