



The candidates who have accomplished the criteria of the final examination will receive a **certificate of apprenticeship of Liechtenstein as well as a report card** and they have the right to assume this legally protected occupational title.



1. LEGALLY PROTECTED TITLE

Car Maintenance Technician

2. DESCRIPTION

Car maintenance technicians are responsible for all maintenance tasks and simple repairs on passenger cars or trucks. They control the vehicles, adjustment settings and remedy malfunctions. In addition, they administrate the spare parts and accessories stock.

Depending on the field of study, car maintenance technicians are specialized in **light motor vehicles** (passenger cars) or **heavy motor vehicles** (trucks, semitrailer trucks, busses) and carry out **simple repairs as well as all maintenance work on these motor vehicles**. They check the batteries and charge them, replace worn tires and balance the wheels. They check the brake and steering systems as well as the wheel suspension by means of a special tool. They check the exhaust system and change the oil, control the ignition and adjust the fuel-mixture preparation to an ideal level. A very important task of the car maintenance technicians is the exhaust-gas measurement. Should the mandatory threshold values be exceeded, they carry out the necessary adjustments, thereby contributing to the environmental compatibility of the motor vehicle.

Car maintenance technicians carry out **simple repairs**: They repair damages to the suspension, change worn brake disks and other parts of the brake system. They exchange defective clutches and install new exhaust systems. They disassemble wear parts, replace them and finally check their functionality. Car maintenance technicians use electronic measuring tools to detect malfunctions in the electrical system.

Car care which protects the vehicle from ageing and corrosion, is also a task of the car maintenance technicians. They clean the **chassis**, undercarriage and interior, treat the underbody with protection care products and care for the paint of the car. The car care includes lubrication, checking the cooling system, examining the electrical system as well as overall control of the functions.

Work on passenger vehicles and trucks requires focus and reliability, because minor negligence can potentially cause an accident.

This translation does not have a legal status.

3. PROFILE OF PROFESSIONAL SKILLS AND QUALIFICATIONS

Those who have completed this professional training successfully will have gained competence in the following areas of study:

Service and repair tasks on light or heavy passenger or transport vehicles according to manufacturer specifications. For this purpose, they are trained to professionally handle equipment and tools, materials and materials processing as well as resources. They learn to conduct individual maintenance services according to specifications, they help with simple repairs, are well versed in the spare parts service, repair simple defects on the drive unit, undercarriage, electrical system as well as security system and convenience features.

4. PROSPECTIVE PROFESSIONAL FIELDS OPEN TO HOLDERS OF A CAR MAINTENANCE TECHNICIAN CERTIFICATE

Skilled car maintenance technicians of both fields are mostly active in the car and transportation industries. Rapid technical development of the industry requires continuous training and education especially in the field of electronics.

5. LEGAL BASIS OF THE CERTIFICATE OF ACCOMPLISHMENT

<p>Authority issuing the certificate of apprenticeship Liechtensteinisches Amt für Berufsbildung Postgebäude Postfach 22 FL- 9494 Schaan</p>	<p>Status: Department of vocational and educational training Liechtenstein Controlling institution according to the vocational training law.</p>
<p>International level (national and international) of the certificate ISCED3A (CFC with general qualification for university entrance) ISCED3B (CFC without general qualification for university entrance)</p>	<p>Rating / rules of accomplishment The performance is ranked from 6 to 1. 6 is the best mark. The mark 4 and higher indicates sufficient performance. The result of the exam is shown in a cumulative grade (mean value of the subjects). The exam is passed successfully if neither the subject mark "practical assignment" nor the cumulative grade are below 4.</p>
<p>Next professional level CFC ISCED3A qualifies the holder to enter a higher vocational school with the aim to obtain the "Berufsmaturität" (final exam at a higher vocational school). After that, one may attend technical colleges and universities in Austria, Switzerland and Liechtenstein. CFC ISCED3B entitles the holder to enter vocational schools.</p>	<p>International treaties As member of the EEA Member of the United Nations</p>
<p>Legal basis</p> <ul style="list-style-type: none"> • Vocational and educational training law of the Principality of Liechtenstein of July 17th 1976 • Decree of May 31st 1977 on acknowledgement of the Swiss professional training in Liechtenstein • Rules of procedure of vocational training and the final exam of the specific profession 	

6. OFFICIALLY ACKNOWLEDGED WAYS OF OBTAINING THE CERTIFICATE OF APPRENTICESHIP

<p>Basis Swiss regulations of vocational training of April 13th 1994 Duration 3 years Main focus a) light motor vehicles or b) heavy motor vehicles Practical training In a car repair shop for passenger cars or commercial vehicles, supplemented by basic courses. Theoretical training One day per week at a vocational school Profession-related courses electronics, engine (construction, combustion, lubrication, cooling system), drive (clutch, transmission, axle drive etc.), chassis, technical diagrams, physics, materials, ecology "Berufsmaturität" With excellent scholastic performance, it is possible to visit a higher vocational school during the apprenticeship in order to obtain the "Berufsmaturität" Driving test is part of the training Diploma Certificate of apprenticeship of Liechtenstein as "Qualified Car Maintenance Technician for light motor vehicles" or "Qualified Car Maintenance Technician for heavy motor vehicles"</p>
<p>Conditions for admission Completed lower or intermediate secondary school ISCED2PV or ISCED2A. An aptitude test will be administered for entering this profession.</p> <p>Candidate profile Good understanding of technical concepts, mechanical skills, precise work habits, responsible, good manners, good hearing and agility.</p>