



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 Mechanic/Vehicle Technician

### 2. DESCRIPTION

Car mechanics independently repair and service cars and trucks and ensure the operational readiness of the motor vehicle. They diagnose and remedy the malfunctions by means of technical tools.

Car mechanics service and repair motor vehicles. Depending on the field of study, these include **light motor vehicles** (passenger cars) or **heavy motor vehicles** (trucks, semitrailer trucks, busses). Due to the technical standard of modern vehicles, car mechanics nowadays spend more time on service than repairs.

The challenging tasks of a car mechanic are to detect the causes of malfunctions. An accurate sense of hearing and logical thinking are just as helpful as electronic diagnostics tools and manufacturer manuals. Cars are increasingly being equipped with more electronic components and car mechanics therefore need to use computer-aided measuring and diagnostics instruments. Due to the course of modernisation, they are required to familiarise themselves with new techniques on an ongoing basis.

Their expertise enables car mechanics to carry out major repairs. Sometimes they are required to disassemble whole units and dismantle them. The car mechanic cleans all individual parts and replaces all damaged parts.

Car mechanics master mechanical skills like drilling, cutting threads and welding. However, this basic knowledge has lost on importance over the past few years because defective parts are increasingly being replaced instead of repaired.

All tasks require focused work habits because every minor negligence can potentially cause an accident. In order to secure safety at the workplace, the car mechanic acts according to the safety regulations, thereby contributing to the accident prevention measures.

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: occupational safety and environmental protection, tools and installations, materials and equipment, material processing, service as well as complex repairs and diagnoses of all vehicle technical elements according to their field of study. The required theoretical trade knowledge, general knowledge and personality development are mandatory classes taught at the vocational school.

### 4. PROSPECTIVE PROFESSIONAL FIELDS OPEN TO HOLDERS OF A CAR MECHANIC CERTIFICATE

Skilled car mechanics 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><b>Authority issuing the certificate of apprenticeship</b>                  Liechtensteinisches Amt für Berufsbildung                  Postgebäude                  Postfach 22                  FL- 9494 Schaan</p>	<p><b>Status:</b>                  Department of vocational and educational training                  Liechtenstein                  Controlling institution according to the vocational training law.</p>
<p><b>International level (national and international) of the certificate</b>  <b>ISCED3A</b> (CFC with general qualification for university entrance)  <b>ISCED3B</b> (CFC without general qualification for university entrance)</p>	<p><b>Rating / rules of accomplishment</b>                  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><b>Next professional level</b>  <b>CFC ISCED3A</b> 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.  <b>CFC ISCED3B</b> entitles the holder to enter vocational schools.</p>	<p><b>International treaties</b>                  As member of the EEA                  Member of the United Nations</p>
<p><b>Legal basis</b></p> <ul style="list-style-type: none"> <li>• Vocational and educational training law of the Principality of Liechtenstein of July 17<sup>th</sup> 1976</li> <li>• Decree of May 31<sup>st</sup> 1977 on acknowledgement of the Swiss professional training in Liechtenstein</li> <li>• Rules of procedure of vocational training and the final exam of the specific profession</li> </ul>	

## 6. OFFICIALLY ACKNOWLEDGED WAYS OF OBTAINING THE CERTIFICATE OF APPRENTICESHIP

<p><b>Basis</b> Swiss regulations of vocational training of April 13<sup>th</sup> 1994  <b>Duration</b> 4 years  <b>Main focus</b> light motor vehicles or heavy motor vehicles  <b>Practical training</b> In a car repair shop for passenger cars or commercial vehicles, supplemented by basic courses.  <b>Theoretical training</b> One to two days per week (depending on the apprenticeship year) at a vocational school.  <b>Profession-related courses</b> electronics, engine (construction, combustion, lubrication, cooling system), drive (clutch, transmission etc.), chassis, technical diagrams, materials, ecology, physics  <b>"Berufsmaturität"</b> With excellent scholastic performance, it is possible to visit a higher vocational school during the apprenticeship in order to obtain the "Berufsmaturität"  <b>Driving test</b> is part of the training  <b>Diploma</b> Certificate of apprenticeship of Liechtenstein as "Qualified Car Mechanic for light motor vehicles" or "Qualified Car Mechanic for heavy motor vehicles"</p>
<p><b>Conditions for admission</b>                  Completed level of highest education: intermediate secondary school <b>ISCED2A</b>, or uncompleted upper level of higher secondary school (gymnasiale Oberstufe) <b>ISCED2A</b>.</p> <p><b>Candidate profile</b>                  Good understanding of technical concepts, mechanical skills, good intellectual grasp, logical thinking, precise work habits, highly responsible, independent, good manners, good hearing and agility.</p>