

Career opportunities



With the Master of Engineering in Automotive Service Technology and Processes you will acquire valuable technical, strategic and intercultural competences.

Your employment possibilities range from the automotive diagnosis, spare parts management, product support, service training to the diagnostic methods development, market oriented corporate governance and the management of car dealerships – all in an international context.

Positions with vehicle manufacturers and suppliers – both at national as well as in the international range – will be potentially available to you following the completion of this Master course.

Fast facts

Course of studies:	Automotive Service Technology and Processes
Degree:	Master of Engineering (M. Eng.)
Study:	Full time
Language of instruction:	English
Duration:	3 semesters (incl. Master thesis)
Start of studies:	September 1 st
Deadline for registration:	April 15 th

Admission requirements:

- Completed studies (University or University of Applied Sciences), 7 semesters (210 Credit Points in accordance with the European Credit Transfer and Accumulation System, ECTS)
- Awarded Bachelor's degree or equivalent in a similar bachelor program
- Good English skills
- Examination certificate of German skills A2 level during the application process
- Written proof of suitable professional experience in the domain of engineering sciences for not less than one year.

Please refer to the admission policy for further details.

Information and Application Forms

Trainings- & Weiterbildungszentrum Wolfenbüttel e.V. (TWW)
 Am Exer 9
 38302 Wolfenbüttel
 E-Mail info@tww.de
 Web www.tww.de | www.ostfalia.de

Contact person
 Mr. Rainer Goral
 Phone 05331 939-78010
 E-Mail ra.goral@ostfalia.de

Course Management
 Mr. Norbert Grawunder
 E-Mail n.grawunder@ostfalia.de

Faculty of Automotive Engineering

Automotive Service Technology and Processes

Master of Engineering (M.Eng)

Wolfsburg



Salzgitter

Suderburg

Wolfenbüttel

Master's Degree Automotive Service Technology and Processes

One third of all of the vehicle manufacturer's revenue is generated by after sales. The Master's degree Automotive Service Technology and Processes qualifies you for a career in this multi-billion Euro market.

In order to train you in the best possible way, we focus in this English-language Master's degree in three fundamental aspects of the automotive industry: automotive technology, globalized service processes and aftersales management in a highly innovative, technical industry.

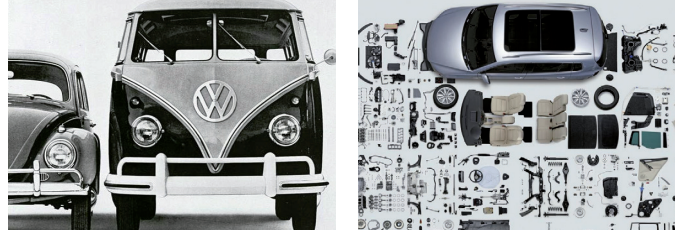
As you know, the complexity of modern vehicles has increased rapidly in the recent years. This is due to the increased use of micro-processors in electronic control units (ECUs) and their networking in the vehicle, resulting in new functions in the field of vehicle safety, driver assistance and ecology.

While modern personal computers combine up to 8 processors modern vehicles utilize 50 or more networked ECUs.

Vehicle manufacturers are facing the challenging task of offering these technologies to global markets regarding the highest quality standards and offering a lifetime serviceability and manageability.

We will educate you in the best possible way in order for you to be successful in this challenging industry.

Structure of Studies



The Master's degree is divided into three thematic blocks.

In the first semester, the emphasis lies on technology and intercultural aspects. The second semester deals with management and quality. The third and final term consists of two priorities in the field of Vehicle Communication Technology and the practical phase.

The topics of the Master's thesis will be worked on during the practical phase in national or international automotive related industries, ensuring highly practical relevance.

The courses are linked to each other supporting a global, joint-up thinking.

The course of study begins with a two-week team building event for the international students with the aim of promoting intercultural, social competence. The students present the specifics of their culture to each other, thereby gaining insights into foreign cultures themselves.

Good knowledge of German language facilitates living in Germany and makes it much easier to get an appropriate internship in the third semester. You need German language B1 level for admission to master's thesis. Therefore we offer German courses starting at the 1st of September. We recommend taking part in it very much!

The objective of this study programme

We will teach you the skills that enable you to successfully play a leading role in the aftersales industry in companies operating locally and globally. You will be able to apply the acquired knowledge independently and in a problem-oriented and interdisciplinary manner. Through the intercultural competence you will be able to interact successfully with business partners worldwide. The study period comprises internships in the industry which will provide you with the opportunity to gather practice-oriented working experience, to make contacts with potential employers in a very early stage or to expand your already existing professional business contacts. This offers you a wide variety of opportunities for your future career.

Curriculum

1. Semester	2. Semester
Service Technology and Diagnostics	Technical Product Quality
Service Technology and dedicated Processes	Technical Product Monitoring and Optimization
Diagnostic and dedicated Processes incl. laboratories	Product Influencing
Workshop Technology and Logistics	Management
Logistics and Spare Parts Management	International Strategic Management
Conceptions of Workshops	Quality Management
Project Management and Training	Business Management
Global Service Training	Service Quality
Technical Project Management Service	Service Quality and Organization
Project I: Intercultural Competence	Project II: Real Case
3. Semester	
Vehicle Communication Technology	Master thesis and colloquium
Infotainment, Driver Assistance-systems incl. Telematics	Praxis Phase, Master Thesis and Colloquium
Automotive Communication Systems	