



AUTOMOTIVE TECHNOLOGIST

Advanced Engine Technology – Motorsports Applications – Automotive Management & Economics

This 2-year programme for automotive technology specialist is tailored for you who want to work in the automotive business and motorsports industry. You will obtain knowledge concerning engine optimization, vehicle race dynamics and electronics while using management tools such as project management.

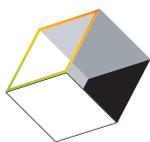
Structure of the Education

The education lasts 2 years and is accordingly divided into four semesters where the last (fourth) semester is a combination of an internship and a final report. Each semester covers 30 ETCS points which are distributed between the technical and business courses.

Semester 1	Semester 2	Semester 3	Semester 4
Management Vehicles Dynamics Engineering Transmissions System Electronics Math and Physics Diagnostics	Powertrain Engineering Engine Optimization Automotive Economics Automotive Measurements Project Management First Year Report	Combustion Indicating Automotive Materials Chassis Design Chassis Dynamics Electrical System Components Engine Mapping Financial Control "Tech Project"	Internship & Final Report
(30 ECTS)	(30 ECTS)	(30 ECTS)	(30 ECTS)

The education contains the following main compulsory elements:

- Management
- Communication
- Operation & Engineering
- Innovation
- Technology & Design



AAMS

Aarhus Maskinmesterskole
Aarhus School of Marine and Technical Engineering



Further Information

If you have additional questions concerning the education you are welcome to contact either

Casper Raahede
+45 4122 7174
mail: cra@aams.dk

or

Henrik Jacobsen
+45 6197 6815
mail: hej@aams.dk

Specialisation

You will be able to specialize in two different directions on your third semester. During your second semester you will be able to choose two elective courses where one is a technical subject and the other is a business subject. On your third semester you can also specialize in business or technical subjects.

Examples of elective courses:

- Project Management
- Engine Mapping
- Electrical Engineering
- Economics

Internship and Final Report

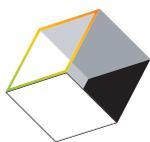
In your fourth semester you apply for an internship in an industry-relevant company. When you start your internship, you also start on your final report which relates to your internship. The aim is that you gain knowledge about the automotive business and increase your competencies for industry employment.

You will work with approved industry matters and gain higher knowledge within the different subjects taught in the previous semesters. The projects can be both commercial and technical.

The internship must be within the automotive business or motorsports industry. This will lead the way to your final report on fourth semester which deals with the projects in the internship company. The final report is the final documentation of what you have obtained through the education.

Job Opportunities as an Automotive Technologist

Your opportunities with this education cover a wide span. Since you will be the link between the engineer and craftsman, you will be a strong asset for many companies seeking a project manager or a skilled technician for the automotive business or motorsports industry. You will also be able to handle smaller development tasks and be an assistant engineer. Furthermore, the education qualifies you for being a floor manager in the automotive garages. Even though many subjects focus on the automotive field, the basic understanding of these elements gives you a lot of opportunities to enter other fields of interest. So, we try at AAMS to give you the basic introduction to the engineering field in general, so you can apply for many different jobs.



AAMS

Aarhus Maskinmesterskole
Aarhus School of Marine and Technical Engineering