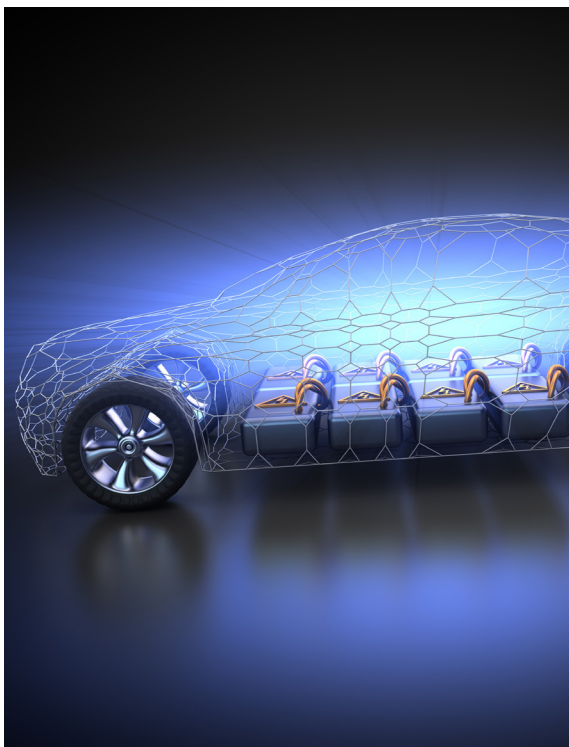




# E-DRIVE SYSTEM SPECIALIST



This education is recommended for anyone who has a background in engineering. When completed the course you will have thorough knowledge of e.g. electrochemical storage technology, control systems and functions of power electronics.

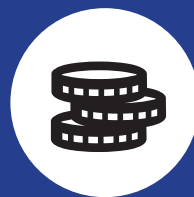
## VÄGEN TILL DITT NYA JOBB



**UTBILDNINGEN**  
225 YH-poäng  
Distans  
Heltid



**MÖJLIGHETER**  
Goda förutsättningar  
att få jobb.



**FINANSIERING**  
Utbildningen är kostnadsfri och  
CSN-berättigad.



**FÖRKUNSKAPER**  
Läs mer om förkunskaper på  
[ya.se](http://ya.se)

### PRIOR KNOWLEDGE AND SELECTION

The E-Drive System Specialist Programme is a web based higher vocational education recommended for anyone with basic engineering background and/or knowledge in electrification. The Programme combine distance learning with student meetings in Gothenburg and Trollhättan. The programme is supported by CSN. More information is available on our web page [ya.se/yrkeshogskola](http://ya.se/yrkeshogskola).

### DISTANCE LEARNING WITH STUDENT MEETINGS

The E-Drive System Specialist is a full time distance learning Programme. Most lectures, assignments and tests are web based and in addition five mandatory Student Meetings are scheduled during the Programme.

### MORE ABOUT THE COURSE AND THE PROFESSIONAL ROLE

When completed the Programme the students will have thorough knowledge of electrochemical storage technology, control systems and functions of power electronics, EMC, the challenges encountered in measuring technology and high frequency currents, the laws and regulations governing the business.

### LIA – YOUR WAY TO AN EMPLOYMENT

The last course in the Programme is internship/LIA. This is an opportunity to practice your learnings and get some industry experience. The expectation is that students successfully completing the Programme finally get a job offer.

### APPLICATION AND DATES

More information is available on our webpage: [ya.se/yrkeshogskola](http://ya.se/yrkeshogskola)

### COURSES

Introduction to the electric drive line and the electrical system in vehicles .....	20 p
Electrical machines .....	25 p
Power electronics.....	25 p
Electrical measurement techniques.....	20 p
Legal requirements, standards and guidelines for e-vehicles .....	15 p
Electrical Storage Systems .....	25 p
EMC.....	20 p
Master thesis.....	15 p
LIA practical application within E-drive.....	60 p
In total .....	225 points



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