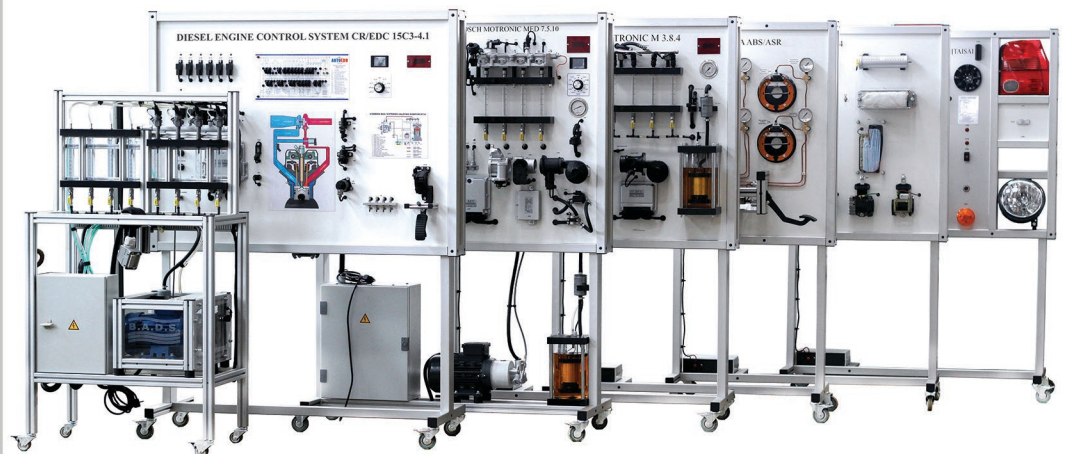


ELECTUDE

AutoEDU



Electude

Baltijos Automobilių Diagnostikos Sistemos JSC was founded in 2001. The enterprise started its business as a trading company selling automotive diagnostic equipment. After several years the company expanded its range of products and services and started selling automotive garage equipment for cars and commercial vehicles.

Since 2005 the company has been developing and manufacturing educational equipment under the AutoEDU brand. This training equipment is a great tool for vocational training and driving schools.

Since 2004 our company has been organizing automotive diagnostic training courses in our own training center. Automotive and demonstrational training equipment was necessary as it could explain different automotive operating principles, demonstrate the possibilities of measuring and diagnostic tools for fault searching and repairing.

The automotive training equipment manufactured by AutoEDU is a great tool that helps students of technical subjects understand working processes of various automotive systems and explore different sensors, actuators, other devices and their functions.

In cooperation with vocational training institutions, we noticed that there is a need for theoretical knowledge and therefore we offered a great solution – Electude Automotive E-learning Program. The program is used worldwide and is translated into more than 35 languages.

The training process is based on visual solutions that help understand technical processes better and learn by doing instead of memorizing. Electude is full of interactive animations and simulations and focuses on doing, not reading. It is based on serious game principles and develops critical thinking.

Our clients

We offer this e-learning program and our training equipment for vocational and professional training centres, agricultural schools, colleges, driving schools, private car repair training organizations, diagnostic equipment manufacturers, diagnostic and car service equipment dealers and other automotive companies.



ELECTUDE GAME-BASED LEARNING

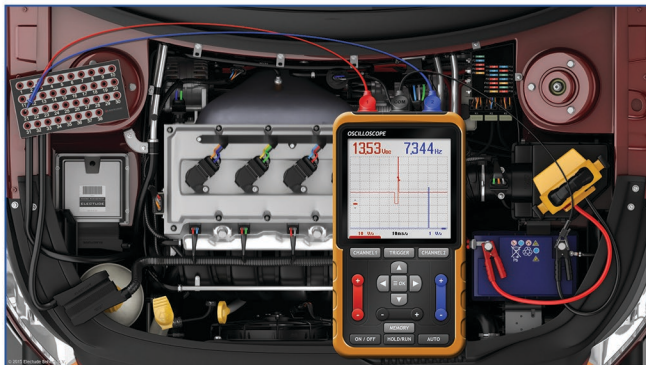
Game – based learning

- Provides an innovative, advanced automotive e-learning curriculum.
- Uses gaming technology to engage, motivate, excite and retain learners.
- Introduces and develops critical thinking and decision making, teaches how to work with automotive diagnostics.
- Gives instructors everything that is necessary to create, teach, track & test students' progress.
- Has a proven track record with thousands of customers in more than 50 countries.
- May be used from any location, any time and on almost any online device.

What is Electude?

Electude is the creator of the world's leading automotive e-learning solution that is used by thousands of schools, companies and governmental organisations in over 50 countries.

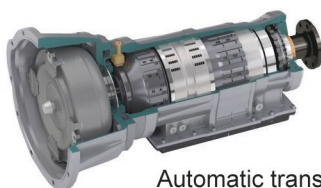
Founded in 1990 by two automotive instructors who pioneered a new and unprecedented approach to automotive education. The Electude team's vision led to the creation of solutions which provide a unique and effective tool to teach all automotive learners by making it interactive, engaging, highly efficient and fun through the use of gaming technology.



What Electude can offer?

Electude offers simulation-based, e-learning lessons. Students are attracted by Electude's unique 3D gamification learning environment. This discovery-based method is about „learning by doing“.

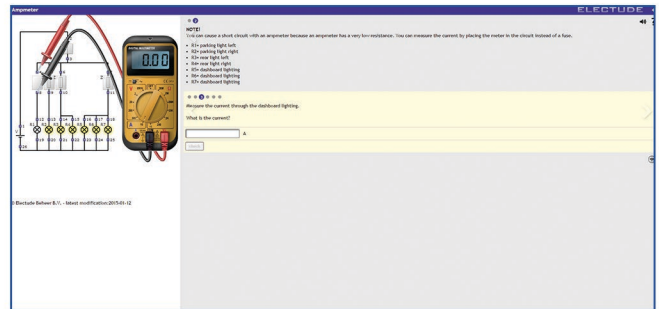
Electude is a cloud based automotive e-learning solution that allows instructors to assign, create, manage and grade lessons, exercises, tests and tasks. Students can complete their assignments from any location and from almost any online device.



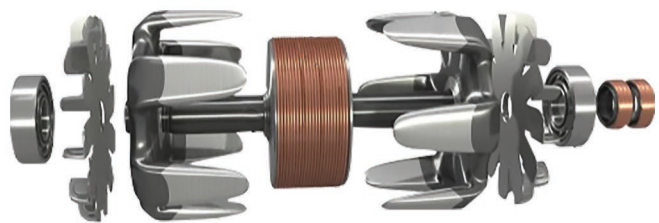
Automatic transmission

Why Electude?

- Created specifically for automotive learners
- Makes learning dynamic, effective, fast and much more fun.
- Completely aligned to NATEF, Lernfelder, IMI, City & Guilds, Europe areas and requirements
- As technology changes, „Electude“ adapts real time.
- More cost effective than textbooks
- The Electude Simulator allows for virtual fault-finding exercises
- Online courses for instructors that count for Continued Professional Development hours



Tasks with a multimeter



The structure of the alternator

Learning designed for automotive students & trainees

The Electude online curriculum consists of hundreds of interactive lessons that are designed specifically for instructing today's generation of automotive learners. Electude is replacing traditional textbooks with its innovative and effective approach to learning:

- Over 1,000 state-of-the-art interactive lessons, tests and simulations, 2-3 new module lessons added or updated weekly at no extra charge.
- Learning management system that allows results tracking, testing and customising classes & courses.
- The brand new Electude Simulator – Engine Management.
- IMI and City & Guilds compliant.
- Pre- and post-tests per subject.
- Loved by students because it is based on gaming principles.
- Budget friendly, with a range of affordable pricing options.



ELECTUDE GAME-BASED LEARNING

Discovery-based learning

In order to improve learning retention and understanding, the lessons have been developed by Electude's authors and game designers based on the educational principle of Guided Seld Discovery. With small interactive tasks, students are guided stepby- step through a discovery-based learning process.

ASE CASE accredited training

All Electude trainers can undergo the ASE CASE (the leading automotive training quality standard used in the United States) accredited Electude Skills Training at no additional charge. This training will allow the participants to master the Electude automotive e-learning solutions.

Main facts and numbers

- Customers in over 50 countries
- Over 200,000 users
- Over 20,000 instructors & teachers
- Over 2,000 customers
- Available in over 30 languages

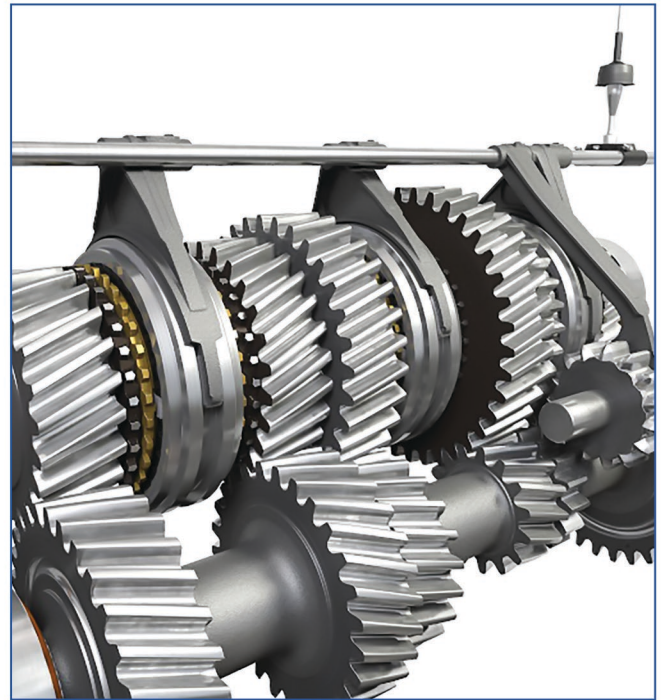
How Electude is related to AutoEDU?

- AutoEDU and Electude are complementary products for automotive students.
- With the help of AutoEDU training equipment students can perform practical tasks and use gained skills in a virtual Electude environment.
- AutoEDU training stands allow students to study real automobile components and processes in the automotive electrical circuits and electronic systems, also, help them to improve acquired knowledge.
- AutoEDU electronic system simulators allow students to use both training systems – game-based Electude and the real component-based automotive training equipment for measurement, diagnosis and practical work.

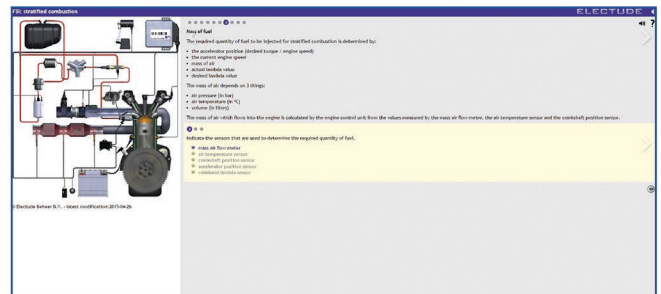


ATMC
**Automotive Training
Managers Council**

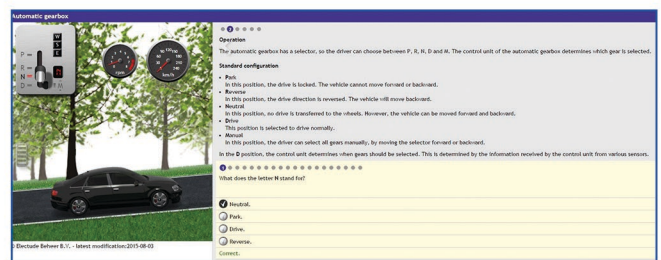
Accredited Training Provider



Manual transmission



FSI petrol direct injection system



Automatic transmission operating principles

ELECTUDE

TRAINING MODULES

The World's Leading Automotive E-learning Solution

Electude online training process consists of hundreds of lessons and quizzes specifically designed for modern automotive education. Electude is a complete curriculum that can replace or supplement traditional automotive technology textbooks.

Basic automotive software with at least 1000 different modules:

Modules

All / new

Courses

VOTU

Students

All students

Settings

Liana Autoedu

Electude

Searching

Default (by subject)

All / new

Self-made

Electude - Automotive Essentials

Electude - Electric Drive

Electude - Practical work

Haynes Pro WorkshopData CarSET

Haynes Pro WorkshopData TruckSET

Favourites

All / new

show obsolete content

Modules

TITLE	LEVEL	DATE
Camshaft position sensor - advanced	3	2019-11-10
Camshaft position sensor - basics	2	2019-11-10
Camshaft position sensor - specialist	4	2019-11-10
T-Varia Engine Management TDI: Fuel pressure regulator - advanced	3	2019-11-10
Pressure sensor intake manifold - basics	2	2019-10-25
Camshaft adjustment - basics	2	2019-10-18
Fuel Pump Defective		2019-10-15
Powes Split Device		2019-10-14
Potentiometer quiz - basics	2	2019-08-08
Calculations in parallel circuits quiz - basics	2	2019-08-07
Calculations in series circuits - basics	2	2019-08-07
Calculations in series circuits quiz - basics	2	2019-08-07
Calculations using Watt's law - basics	2	2019-08-07
Calculations using Watt's law quiz - basics	2	2019-08-07
CRD: high pressure	2	2019-08-07
CV joints quiz - basics	2	2019-08-07
Knock sensor - advanced	3	2019-08-07
Knock sensor - basics	2	2019-08-07
NTC resistance quiz - basics	2	2019-08-07

Physics Basics

Electromagnetism - basics

Magnetic field through a coil

The magnetic field of a single thread is weak. The coil has been developed for applications in electrical devices. The magnetic field gets bigger by having more windings.

The magnetic field at the end of the coil can be compared with that of a permanent magnet. Here a north and south pole is created.

The force of an electromagnet is determined by the number of windings and the current. For this the field strength is proportional to the current. In other words:

The field strength of a coil with 5 turns and 1 A is just as powerful as a coil with 1 winding and 5 A.

Click on the buttons to change the current.

What happens to the magnetic field, when you increase the current?

☒ It gets bigger.

☐ It gets smaller.

☐ It remains the same.

Correct.

North pole

South pole

North pole

South pole

North pole

South pole

North pole

South pole

Electude Beheer B.V. - latest modification: 2019-06-18

North pole

South pole

North pole

South pole

North pole

South pole

North pole

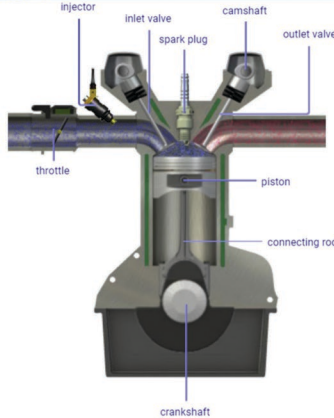
South pole

Electude Beheer B.V. - latest modification: 2019-06-18

TRAINING MODULES

Structure of internal combustion engines

Otto engine - basics



© Electude Beheer B.V. - latest modification:2019-12-10

Introduction

The Otto engine is a 4-stroke internal combustion engine where the mixture is ignited by a spark. The best known fuel for the Otto engine is petrol, but LPG, CNG (Compressed Natural Gas) and ethanol can also be used. The name Otto engine comes from Nikolaus Otto, the inventor of this engine.

Chemical energy is converted into mechanical energy in the engine. A mixture of fuel and air is required for this. This mixture is ignited by using a spark.

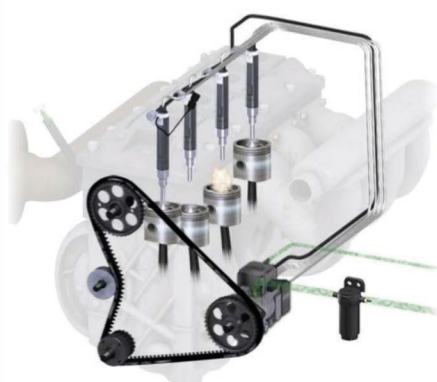
Click on the components of the Otto engine.

- throttle
- injector
- camshaft
- inlet valve
- outlet valve
- spark plug
- piston
- connecting rod
- crankshaft

Correct.

Electronic Diesel Engine Control System (EDC)

EDC: Characteristics - basics



© Electude Beheer B.V. - latest modification:2019-11-21

EDC

In the animation, you can see a 4-cylinder diesel engine with the EDC (Electronic Diesel Control) system. The electronically-controlled distributor pump provides the injection. The pump speed is half the crankshaft speed. That means that the pump runs at the same speed as the camshaft. During 1 revolution of the distributor pump 4 injections take place. You can tell from the injectors and the pump control that the injection order is 1-3-4-2.

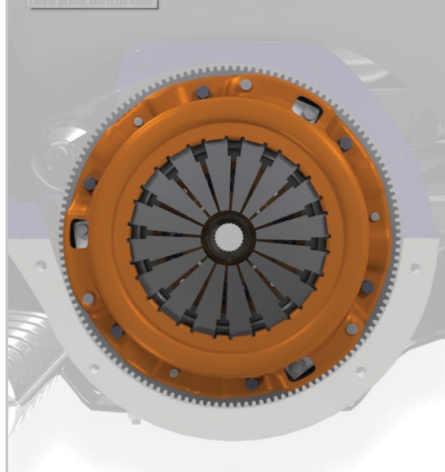
What is the pump driven?

- ☐ Via gearwheels.
- ☐ By oil pressure.
- ☐ With an electric motor.
- ☒ Via the cambelt.

Ok.

Clutch disc maintenance basics

Maintenance on clutch plates - basics



© Electude Beheer B.V. - latest modification:2019-09-04

Removing

Before starting to disassemble the clutch, you should look up the proper procedure in the workshop manual. Be careful not to damage any lines and cables during your work on the clutch.

When disassembling a clutch it is important to loosen the bolts, fixing the pressure plate to the flywheel, gradually and diagonally, so as to prevent the bolts or the diaphragm from breaking.

It is advised to replace the flywheel spigot bearing while you are doing this.

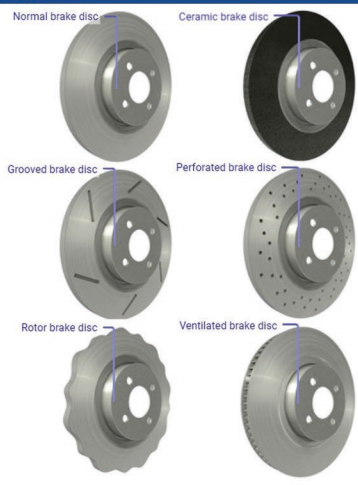
Click on the gearbox to disassemble it, together with the clutch casing.

Correct.

TRAINING MODULES

Brake disc maintenance basics

Brake disc - basics



Normal brake disc

Ceramic brake disc

Grooved brake disc

Perforated brake disc

Rotor brake disc

Ventilated brake disc

© Electude Beheer B.V. - latest modification:2019-11-13

ELECTUDE

More types

There are also other versions.

- **Rotor brake disc:**
This brake disc is wave shaped, meaning that it has the advantage of having a lower weight and better cooling.
- **Ceramic composite brake disc:**
This has a lower weight, the best deceleration and a long service life.

Other combinations of types of brake disc are also possible.


Find the following types of brake discs:

- Normal brake disc
- Grooved brake disc
- Perforated brake disc
- Rotor brake disc
- Ventilated brake disc
- Ceramic brake disc

Good.
You have found them all.

Safety systems - Electronic braking system

Electronic braking system: Characteristics - basics



© Electude Beheer B.V. - latest modification:2019-06-18

ELECTUDE

ESP or Electronic Stability Programme is a collection of different systems:

- Anti-lock Braking System (ABS)
- Anti-Slip Regulation (ASR)
- Brake Assist System (BAS)
- Motor Speed Regulation (MSR)
- Electronic Traction System (ETS)

ESP adds an extra system to this. This system ensures that the vehicle maintains the course that has been chosen.

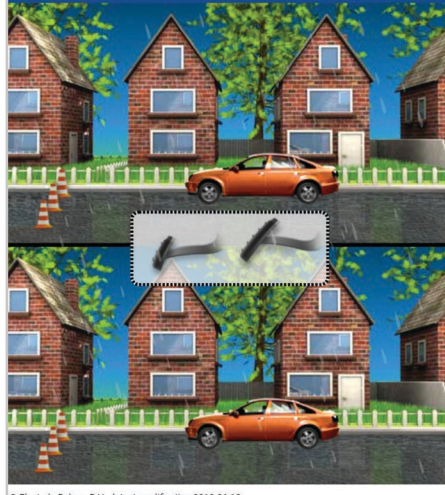
Which systems are included in ESP?

ABS	<input type="radio"/>
SIPS	<input type="radio"/>
BAS	<input type="radio"/>
SRS	<input type="radio"/>

Correct.

Anti-lock braking system

Electronic braking system: Characteristics - basics



© Electude Beheer B.V. - latest modification:2019-06-18

ELECTUDE

Anti-lock Braking System

When you brake, the ABS stops the wheels from locking or limits locking as much as possible by activating and releasing the brakes.

Which system ensures that the wheels do not lock during a (emergency) stop or that the lock is minimised?

- Motor Speed Regulation
- Anti-Slip Regulation
- Brake Assist System
- ☒ Anti-lock Braking System

Correct.
The ABS makes the braking distance shorter and the car easier to control.

TRAINING MODULES

Electronic traction system

Electronic braking system: Characteristics - basics



© Electude Beheer B.V. - latest modification:2019-06-18

Progress indicator: 1 of 5

Electronic traction system

When a vehicle loses its grip because it is partially on a different surface, TCS will brake the wheel that is slipping so that the other wheel gets more traction.

Progress indicator: 1 of 5

Which system ensures that one wheel is braked as soon as it loses its grip.

- ☐ Anti-lock Braking System
- ☒ Electronic Traction System
- ☐ Motor Speed Regulation
- ☐ Electronic Stability Programme

Correct.

The wheel that is slipping is braked. This ensures that the other wheel gets more traction.

Electronic stability system

Electronic braking system: Characteristics - basics



© Electude Beheer B.V. - latest modification:2019-06-18

Progress indicator: 1 of 5

Electronic Stability Programme

If a vehicle goes out of control, ESP will brake one or more wheels to keep the vehicle on course. ESP also adjusts the engine power if this is necessary.

Progress indicator: 1 of 5

Which system ensures that the vehicle cannot go out of control?

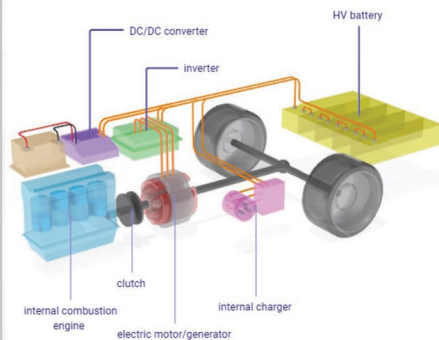
- ☐ Brake Assist System.
- ☒ Electronic Stability Programme.
- ☐ Anti-lock Braking System.
- ☐ Anti Slip Regulation.

Correct.

ESP ensures that wheels are braked without the intervention of the driver. The engine power is also adjusted.

Electric drive basics

Electric drive - basics



© Electude Beheer B.V. - latest modification:2019-04-15

Progress indicator: 1 of 5

Electric drive

The word hybrid means "combination": the combination of different technologies to drive a vehicle.

An internal combustion engine is combined with an electric motor; together they provide the drive.

If the batteries' capacity is large enough, the vehicle can drive purely on electricity.

Progress indicator: 1 of 5

This is a schematic representation of a hybrid vehicle.

Which two components can drive the vehicle?


- ☐ Just the internal combustion engine.
- ☒ The internal combustion engine and the electric motor.
- ☐ Just the electric motor.

Correct.

TRAINING MODULES

Electric drive components

Electric drive - basics



overview

- electric motor/generator
- HV battery
- inverter
- DC/DC converter
- charging system

© Electude Beheer B.V. - latest modification:2019-04-15

Components

In hybrid vehicles, there are other components in addition to a complete internal combustion engine.


- Electric motor/generator;
Drives the vehicle. Can also generate energy when braking.
- HV battery;
Storage of electric energy.
- Inverter;
Controls the electric motor/generator. The HV battery's DC voltage is converted into a three-phase AC voltage for the electric motor.
- DC/DC converter;
Converts the high voltage, so the 12 V battery can be charged. This component replaces the standard vehicle's alternator.
- Internal charger;
To charge the HV battery externally.

Click on the electric motor/generator in the list to zoom in on it.

Correct.

Virtual measurements with different tools

Pulse Width Modulation - basics



Temperature

© Electude Beheer B.V. - latest modification:2019-12-10

Pulse-width Modulation

A PWM signal is a square wave voltage whose pulse width can vary. The amplitude and frequency of the signal remain the same.

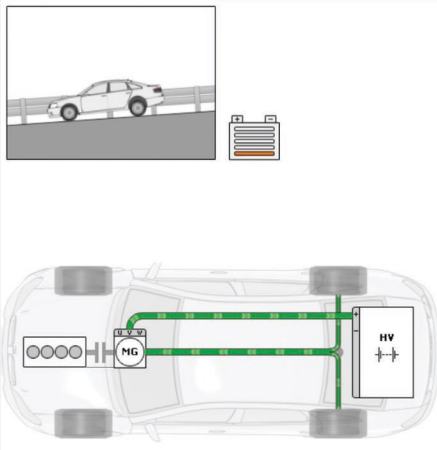
Which of the following statements are true?

- ☐ The signal amplitude changes.
- ☒ The signal pulse width changes.
- ☐ The signal frequency changes.

Correct. This is a PWM signal.

Short quizzes and tests

Energy flow in hybrid vehicles quiz - basics



© Electude Beheer B.V. - latest modification:2019-03-15

Answer every question.

Please note: you can answer each question only once.

When you've answered a question, you can go to the next question.

You can scroll back to check your answers.

Good luck!

Look at this type of drive.

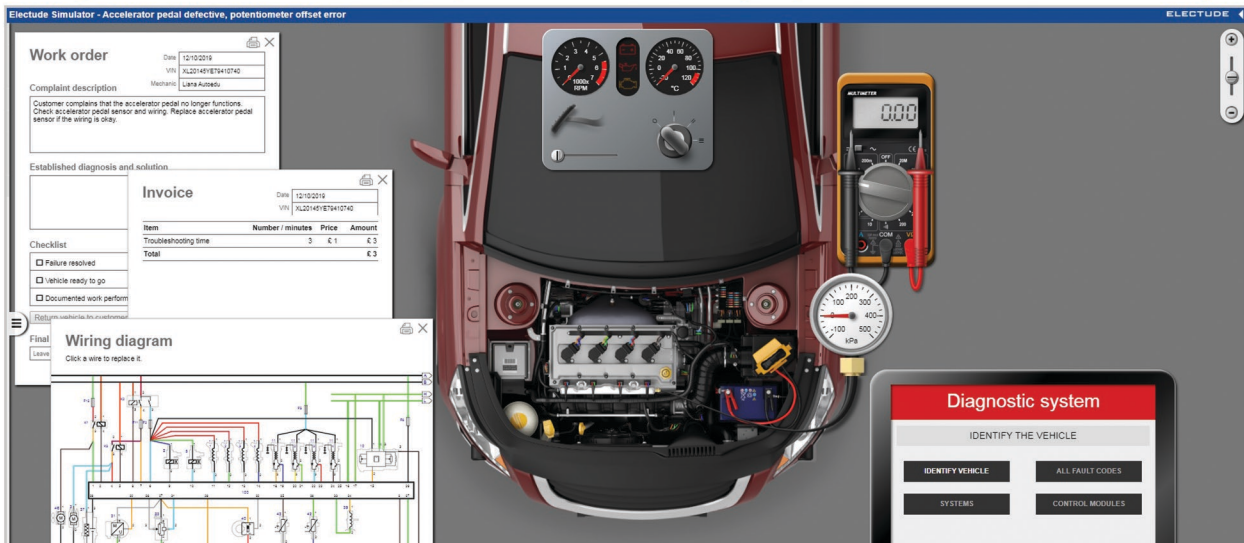
Assess these statements, in this situation:

- The HV battery is being charged.
- The electric motor drives the wheels.
- The internal combustion engine drives the wheels.

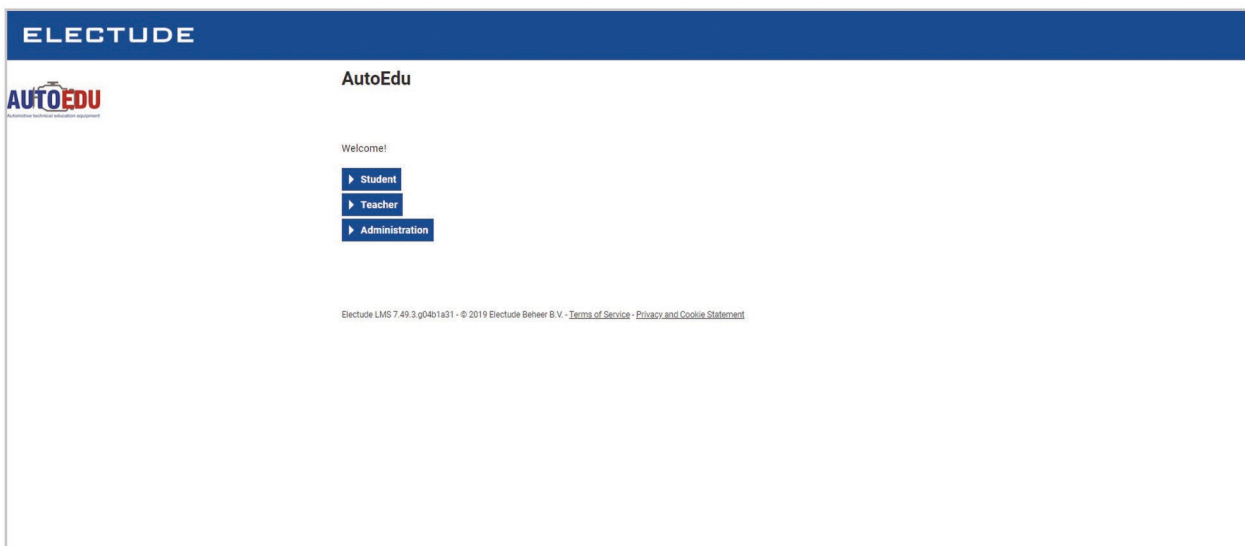
Ok.

TRAINING MODULES

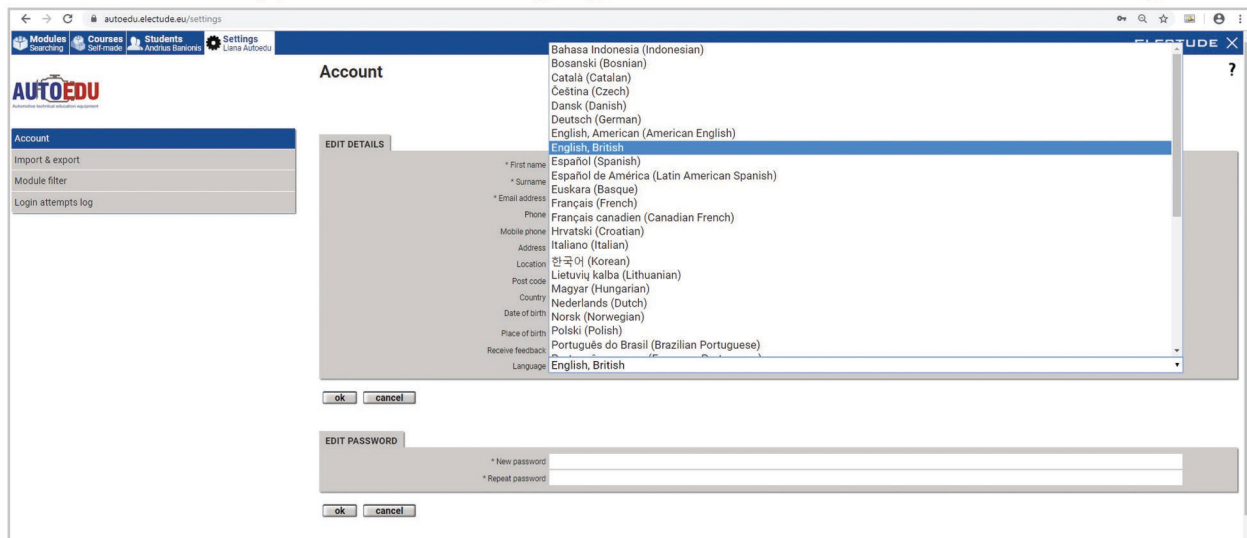
Engine Simulator - the ability to perform service and repair procedures as in a real workshop



Electude E-learning software accounts: Student, Teacher, Administration



Electude supports over 30 languages and can be selected in the settings



TRAINING MODULES

Electude software comes with a help manual and is marked with a question mark

The screenshot shows the Electude LMS interface with the 'Modules' tab selected. The left sidebar lists various modules, including 'Camshaft position sensor - basics', 'Pressure sensor intake manifold', 'Fuel Pump Defective', 'Potentiometer quiz - basics', 'Calculations in parallel circuits', 'Calculations in series circuits', 'Calculations using Watt's law', 'CRD: high pressure pump quiz', 'CV joints quiz - basics', 'Knock sensor - advanced', 'Knock sensor - basics', 'NTC resistance quiz - basics', 'Throttle position sensor - advanced', and 'Throttle position sensor - basics'. The main content area displays the 'Electude LMS - Teacher Manual' with a table of contents and a list of links for each module.

The screenshot shows the 'Students and groups' section of the Electude LMS interface. The left sidebar lists various groups, including 'AUTOEDU grup 2017.01.20', 'Demo LT', 'Demo LV', 'VGUTU', 'All students', and 'Unassigned'. The main content area displays the 'Students and groups' section with a table of contents and a list of links for each group. The right sidebar shows a progress bar for each group.

Creating study groups, courses, and student accounts

The screenshot shows the 'All groups' section of the Electude LMS interface. The left sidebar lists various groups, including 'AUTOEDU grup 2017.01.20', 'Demo LT', 'Demo LV', 'VGUTU', 'All students', and 'Unassigned'. The main content area displays the 'All groups' section with a table of contents and a list of links for each group. The right sidebar shows a progress bar for each group.

NAME	NUMBER OF STUDENTS
AUTOEDU grup 2017.01.20	13
Demo LT	1
Demo LV	18
VGUTU	1

TRAINING MODULES

Creating study groups, courses, and student accounts

The screenshot shows the ELECTUDE LMS interface with the 'Students' tab selected. The left sidebar contains a search bar and a list of groups: 'All groups', 'AUTOEDU grupe 2017.01.20', 'Demo LT', 'Demo LV', 'VGTU', 'All students', and 'Unassigned'. The main content area displays a list of modules with columns for 'Module', 'Level', and 'Date'. The modules listed are: Electromagnetism quiz - advanced (00:10:24), Electromagnetism quiz - basics (00:00:17), Duty cycle - basics (00:12:30), Pulse Width Modulation - basics (00:01:16), Pulse Width Modulation quiz - basics (00:00:08), Electude Simulator - Car doesn't run smoothly; engine often stalls (00:16:39), Electude Simulator - Car stopped on hard shoulder with overheated engine (00:05:07), Electude Simulator - Vehicle has had a fire under the bonnet. (00:20:09), Electude Simulator - Towed away by recovery services (00:06:27), Electude Simulator - Vehicle front right damage repaired (00:11:55), Electude Simulator - Engine doesn't run smoothly (00:17:00), and Electude Simulator - Engine won't warm up (00:14:07). Below the module list, there is a 'NEW STUDENT' form with fields for Username, First name, Surname, Email address, Phone, Mobile phone, Address, Post code, Location, Country, Date of birth (mm/dd/yyyy), and Place of birth.

Ability to create your own lecture content, questions and answers, quizzes or tests

The screenshot shows the ELECTUDE LMS interface with the 'Self-made' tab selected. The left sidebar contains a search bar and a list of groups: 'Default (by subject)', 'All / new', 'Self-made', 'Electude - Automotive Essentials', 'Electude - Electric Drive', 'Electude - Practical work', 'Haynes Pro WorkshopData CarSET', 'Haynes Pro WorkshopData TruckSET', and 'Favourites'. The main content area displays a list of modules with columns for 'Module', 'Level', and 'Date'. The modules listed are: Fuel Pump Defective (2019-10-15), Power Split Device (2019-10-14), Test test (2015-06-04), File upload blabla (2015-06-04), and Berts lesson (2015-06-04). Below the module list, there is a button labeled 'all objectives'. At the bottom, there is a footer with the text: 'Electude LMS 7.49.3 g04b1a31 - © 2019 Electude Behar & V - Terms of Service - Privacy and Cookie Statement'.

The screenshot shows the ELECTUDE LMS interface with the 'VGTU' group selected. The left sidebar contains a search bar and a list of groups: 'All groups', 'AUTOEDU grupe 2017.01.20', 'Demo LT', 'Demo LV', 'VGTU', 'All students', and 'Unassigned'. The main content area displays a list of modules with columns for 'Module', 'Level', and 'Date'. The modules listed are: Fuel Pump Defective (2019-10-15), Power Split Device (2019-10-14), Test test (2015-06-04), File upload blabla (2015-06-04), and Berts lesson (2015-06-04). Below the module list, there is a button labeled 'all objectives'. At the bottom, there is a footer with the text: 'Electude LMS 7.49.3 g04b1a31 - © 2019 Electude Behar & V - Terms of Service - Privacy and Cookie Statement'.

TRAINING MODULES

Ability to track the achievements and results of licensed students

Results

The results of modules and courses can be viewed in many ways. There are overviews for every group and every student, for a collection of courses, for one course only or for one module only. You can print or export these views, e.g. to process them in a spreadsheet program like Excel or OpenOffice. For more information, see [Exporting results](#).

When you zoom in on the individual results of one module, the path you take is shown below the main menu. By clicking an item from this path you can quickly retrace your steps.

The progress bar

All progress is shown in a bar chart. This chart consists of green, red, white and sometimes grey areas. These colours represent parts of the learning content and have the following significance:

- green: finished correctly
- red: finished incorrectly
- grey: finished, but with unknown result
- white: not finished yet

For example:

The chart shows that 75% of the course, module or objective (depending on the content) has been completed; the remaining 25% is still white. The size of the green area in relation to the red area shows the ratio of correct answers to incorrect answers. The weight of the answers is used to calculate this ratio. In this case the ratio is 2:1.

The relative progress and the percentage of correct answers are shown numerically when you move the cursor over the diagram.

For some modules (e.g. files or links) it is only clear that the student has viewed the module; the result remains unknown. This is represented by a grey area. If, for example, one half of a group has opened a file, the 'group result' for this file will look like this:

You can change the result for this type of module manually; see [Individual results of a module](#).

Sometimes lesson content changes slightly, such as when a question is added, an objective is altered or the weight of a question changes. This can result in a grey bar appearing in the progress diagram. This can occur, for example, when a student has viewed the previous form of a module and a new question has been added at the start of the module. The student has not answered this question, but is already 'past' the new question. The score for this question is therefore uncertain and is shown as a grey bar. This will appear as follows:

A grey area may also appear during practical work, if there are exercises that cannot be evaluated automatically. The practical work results report may show extra information that you can evaluate yourself. For more information see [Lesson, practical work and test results](#).

Calculating the lesson score

In a lesson an answer attempt is always calculated as entirely correct or entirely incorrect.

The site administrator can select to use **all answers** or just the **first answer** to calculate the score. By default, all attempts are used in the calculation.

Let's suppose that the weight of the first question in a lesson makes up 10% of the total weight of the module. If the student answers this question incorrectly, the progress bar will look like this:

Students

The results of modules and courses can be viewed in many ways. There are overviews for every group and every student, for a collection of courses, for one course only or for one module only. You can print or export these views, e.g. to process them in a spreadsheet program like Excel or OpenOffice. For more information, see [Exporting results](#).

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- white: not finished yet

For example:

The chart shows that 75% of the course, module or objective (depending on the content) has been completed; the remaining 25% is still white. The size of the green area in relation to the red area shows the ratio of correct answers to incorrect answers. The weight of the answers is used to calculate this ratio. In this case the ratio is 2:1.

The relative progress and the percentage of correct answers are shown numerically when you move the cursor over the diagram.

For some modules (e.g. files or links) it is only clear that the student has viewed the module; the result remains unknown. This is represented by a grey area. If, for example, one half of a group has opened a file, the 'group result' for this file will look like this:

You can change the result for this type of module manually; see [Individual results of a module](#).

Sometimes lesson content changes slightly, such as when a question is added, an objective is altered or the weight of a question changes. This can result in a grey bar appearing in the progress diagram. This can occur, for example, when a student has viewed the previous form of a module and a new question has been added at the start of the module. The student has not answered this question, but is already 'past' the new question. The score for this question is therefore uncertain and is shown as a grey bar. This will appear as follows:

A grey area may also appear during practical work, if there are exercises that cannot be evaluated automatically. The practical work results report may show extra information that you can evaluate yourself. For more information see [Lesson, practical work and test results](#).

Calculating the lesson score

In a lesson an answer attempt is always calculated as entirely correct or entirely incorrect.

The site administrator can select to use **all answers** or just the **first answer** to calculate the score. By default, all attempts are used in the calculation.

Let's suppose that the weight of the first question in a lesson makes up 10% of the total weight of the module. If the student answers this question incorrectly, the progress bar will look like this:

Using an administrator account it is possible to edit settings, create teacher accounts, change the graphic design, track license volume, select certificate templates and etc.

Account

autoedu.electude.eu

EDIT DETAILS

* Name of organization: AutoEdu

* Email address: @autoedu.lt

* First name: AutoEdu

* Surname: AutoEdu

Address: Ateities pl. 30G

Location: KAUNAS

Post code: LT-52163

Country: Lithuania

Phone: +370

Mobile phone: +370

Contact details of Data Protection Officer (if applicable)

First name:

Surname:

Email address:

Direct phone number:

Official name of organization: AutoEdu

EDIT PASSWORD

* New password:

* Repeat password:

Electude is a cloud based automotive e-learning solution that works on PCs running Windows, Android or equivalent operating systems from almost any online device.

E-Learning Solutions

Automotive Essentials

Designed to match the visual and kinesthetic learning styles of most automotive students, Automotive Essentials will give learners a thorough understanding of the fundamentals of automotive technology. It has been designed to cover all the areas of ASE, IMI, City & Guilds, Lernfelder, TESDA, Grado Superior and other national qualification standards.

Electric Drive

Complete electric drive curriculum designed to teach automotive students and working technicians to understand and recognize all of the components and systems of hybrid and electric vehicles. Users will simulate safe work practices associated with hybrid and electric vehicle service as well as working on their testing and diagnosis skills.

Engine Management Simulator

The Simulator allows users to practice their diagnostic skills. Instructors can create countless faults and description combinations for students to diagnose. Designed to worked on individually, in teams or as part of classroom exercises or presentations.

Learning Management System

The Electude LMS is included in all of it's e-learning solutions. It has drag & drop technology for creating courses and classes. SCORM customers can also use the LMS to set up the packages and create their own modules.

Customized Development

Electude develops customized modules for certain customers. These are built using the Electude LCMS and are made in accordance with the customer's specs.



WHAT CUSTOMERS SAY

At Coleg Menai we are excited to be the first college in Wales to work with Electude software. Students grow bored if content isn't highly visual and interactive; the Electude Simulator lets our students work on virtual fault-finding exercises. They learn by doing and it really works. As a tutor I can easily measure the progress of each student by just taking a look at the onscreen progress bar; I can see where a student is struggling and assign more modules related to that subject. I spend less time marking and more time teaching.

Arron Peel - Coleg Menai Wales - UK



Electude is a powerful teaching tool when integrated correctly. It is not a replacement for an excellent teacher, but it will definitely help a new or inexperienced instructor teach the content in a much more organized and professional manner. Even as an experienced teacher, I feel my students have a much higher level of understanding now that we are using Electude.

Kenneth Adkins - Maine East High School - USA



I would absolutely recommend Electude to fellow teachers. The support that comes with Electude is amazing. Very fast responses and they take feedback from the customers to help improve the product. Matt Boudinoit



Dakota County Technical College - USA

I was using a textbook in combination with another e-learning tool. When I saw Electude I knew I found what I wanted to use. Electude has helped me in my teaching to get students to understand a concept. When they can have something interactive on the screen and I can have it displayed on my projector, I can make a point or get them to understand much better than when I have 15 students in a shop huddled around a car with only two or three actually paying attention.

Joe Hires - Nichols Career Center - USA





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