

ELECTRICAL ENGINEERING VOCATIONAL Baccalauréat



THE JOB

General or industrial electricity

THE MISSIONS

Implant, connect, operate and maintain electrical installations

AREAS OF INTERVENTION

Production, transport, distribution, transformation, energy control

HOST COMPANIES

Craft firms, small, medium, large sized companies in varied fields : home, tertiary, industrial sectors, services, food industry, public equipments...

WHAT DOES THE ELECTRICAL ENGINEERING VOCATIONAL BACCALAURÉAT CONSIST OF ?

PREPARATION

DEVELOPMENT

COMMISSIONING

MAINTENANCE

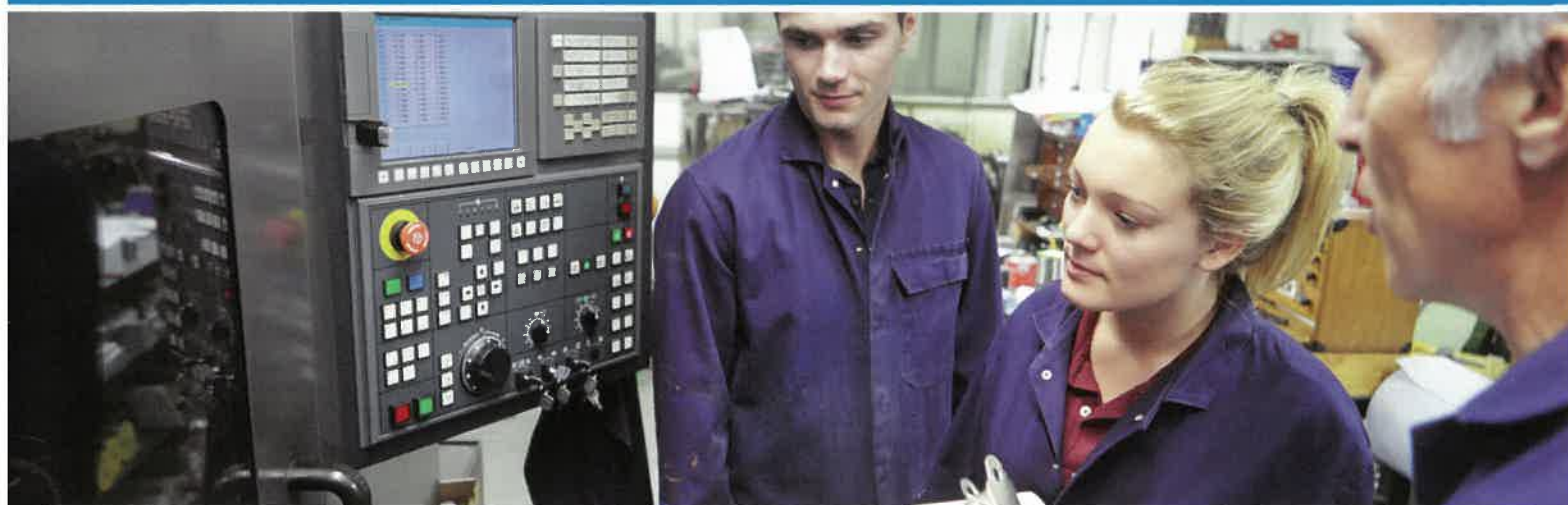
COMMUNICATION

22 WEEKS
AS A TRAINEE
IN COMPANIES



In their achievements, they master the standard, regulatory aspects of the safety of people and goods, of energy efficiency, of environmental protection and of sustainable development.

MACHINING TECHNICIAN VOCATIONAL Baccalauréat



THE JOB

Making mechanical parts,
Driving machine tools

REQUIRED QUALITIES

Thorough,
Skilful,
Curious

WAGES AND EMPLOYABILITY

From €1100 to
€1600 for early
career workers
on permanent
contracts

JOB OPPORTUNITIES

in mechanical
industries

POSSIBLE EVOLUTION

Machine tool
operator,
Mechanical
technician,
Industrial
designer

DRIVING A NUMERICAL CONTROL MACHINE, WHAT IS IT ?

DESIGN

Industrial designer

DEFINITION

DEVELOPMENT

setup operator

INDUSTRIALISATION

high level technician

VIRTUAL
MODEL

PROGRAMMING

PREPARING
THE MACHINE

MACHINING

CONTROLLING

ASSEMBLY OF
PARTS

FINISHED
PART

They can intervene in
any mechanical field

They are able to carry out
studies of complex products

They are able to drive numerical
control machines

VEHICLE MAINTENANCE VOCATIONAL BACCALAURÉAT* Passenger car option



*Vocational certificate during the second training year

*A professional training: 55 per cent in High School / 45 per cent in companies (22 weeks)



THE JOB

Maintenance
Diagnosis
Repair

REQUIRED QUALITIES

Spirit of initiative
Sociability (customers)
Rigour and analysis (diagnoses)
Curiosity (new technologies)

EMPLOYABILITY

Car dealerships,
agents, independent
mechanics,
transport fleet...

EVOLUTION

Further education
(HND, bachelor degree,
motor sports...), technical
advisor, shop manager,
technical controller,
automotive expert

THEY INTERVENE ON THE MECHANICAL AND ELECTRONICAL SYSTEMS ON THE WHOLE

VEHICLE
TYPE-APPROVAL

DIAGNOSIS

PERIODICAL AND
CORRECTIVE
MAINTENANCE

VEHICLE
RETURN



AIR CONDITIONING



BRAKE SYSTEMS



RUNNING GEARS



DIAGNOSES



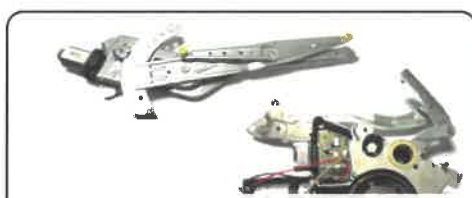
ELECTRIC VEHICLES



TRAINING VEHICLES



MODELS



TRAINING SYSTEMS



ENGINES

Carry out regular vehicle maintenance (oil changing, tyres, brakes, shock absorbers, exhaust pipes, engine timing...)
Diagnose mechanical or electrical breakdowns. Make the vehicle conform again.