



SEM-SEM

Smart Control Systems for Energy Management

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Smart - Learn 2018
Learning for Tomorrow
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Vocational Training and Certification in Technical Professions

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euROTRAINING



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Eurotraining Educational Organization



- ▶ Headquarters located in Athens
- ▶ Two additional certified branches in Thessaloniki and Volos

Eurotraining is certified by the National Certification Center of Lifelong Vocational Training supervised by the Ministry of Education



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Eurotraining Educational Organization

Specializing in the sectors of:



**Environmental
Professions**



Green Energy



**Information
Technology and
Distance Learning**



**Financial
Management and
Tourism**



**Technical
Occupations**



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Activities and Services





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Mission and Objectives

- ▶ The acquisition and development of qualifications and professional skills for employees
- ▶ The upgrade and the continuous update of professional skills for individuals
- ▶ The development and promotion of entrepreneurship with special emphasis on young people
- ▶ The provision of integrated consulting and training services in SMEs



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Vocational Education and Training (VET)

A definition

“VET is the training in skills and teaching of knowledge related to a specific trade, occupation or vocation in which the student or employee wishes to participate”

Vocational education may be undertaken

- at an **educational institution**, as part of secondary or tertiary education,
- as part of **initial training during employment**, for example as an apprentice, or as a combination of formal education and workplace learning



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Technical Professions

Most popular in the Greek VET sector

- ▶ Energy Inspector
- ▶ RES Installation Technician
- ▶ Technician of Applications and Installments in Landscape and Environmental Projects
- ▶ Waste Management and Recycling Technician





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VET in Greece

General overview

The Institutes of Vocational Training (like Eurotraining) provide initial vocational training to graduates of:

- ✓ Schools of Vocational Training
- ✓ Non - compulsory Secondary Education
 - General Upper Secondary Schools
 - Vocational Upper Secondary Schools
 - Vocational Schools
- ✓ Higher Education
 - Universities
 - Technological Educational Institutions

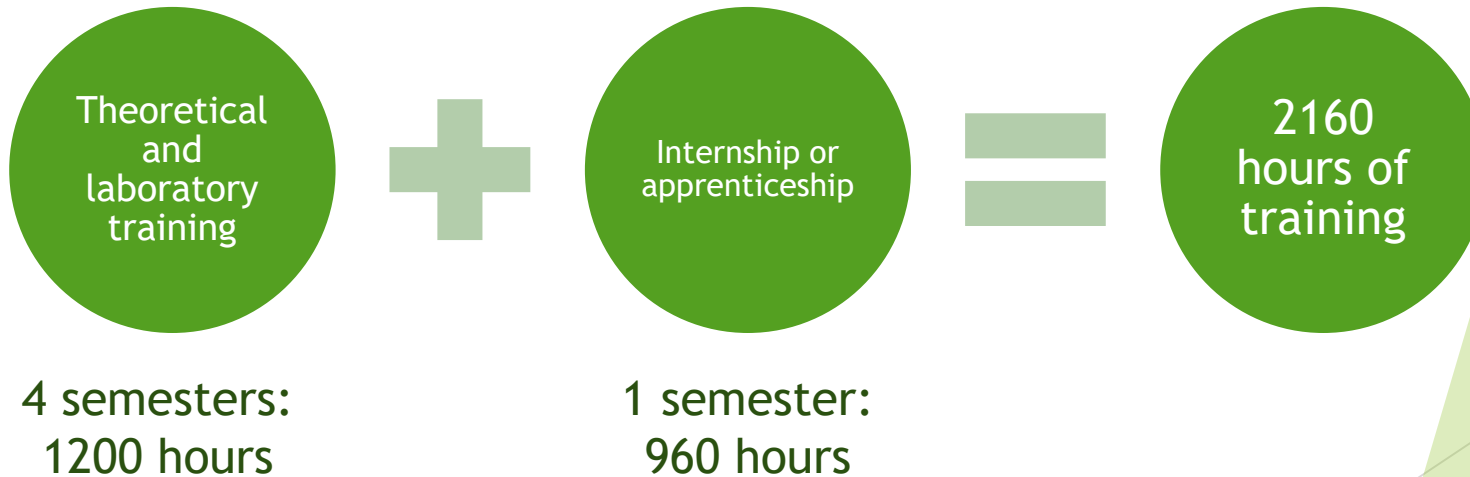


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VET in Greece

Structure of curriculum

Total duration: 5 semesters





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VET in Greece

Getting certified

After successfully completing all prescribed semesters, students can participate in the certification exams which:



- ▶ Include both practical and theoretical parts
- ▶ Are conducted under the jurisdiction of the National Organisation for the Certification of Qualifications and Vocational Guidance (EOPPEP)
- ▶ Award Initial Vocational Training Diplomas at EQF level 5



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What does EQF level 5 mean?

The European Qualifications Framework (EQF) is a common European reference framework whose purpose is to make qualifications more readable and understandable across different countries and systems



European
Qualifications
Framework

Core of the EQF: **Eight (8) reference levels**, defined in terms of learning outcomes, i.e. knowledge, skills and autonomy - responsibility.

- Learning outcomes express what individuals know, understand and are able to do at the end of a learning process



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EQF levels in Greece

EQF Level	VET	General Education
1		Primary School
2		Lower Secondary School
3	Schools of Vocational Training	
4	Vocational Upper Secondary School	General Upper Secondary School



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EQF levels in Greece

EQF Level	VET	General Education
5	Institutes of Vocational Training	
6		Bachelor's Degree
7		Master's Degree
8		Doctorate (PhD)



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The European Credit system for Vocational Education and Training (ECVET)



ecvet
European Credit system for
Vocational Education & Training

The ECVET is a European System designed to support individuals to transfer and cumulate their learning outcomes throughout Europe.

For ECVET purposes the EQF is used as a reference for levels.





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The European Credit system for Vocational Education and Training (ECVET)

ECVET Credit

According to the structure of VET programmes, ECVET credit is designated to learning outcomes which have been assessed and which can be accumulated towards a qualification or transferred to other learning programmes or qualifications.



Based on this documented credit, other institutions across Europe can recognise learners' achieved training.



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Certification

A definition

“The process of issuing a certificate, diploma or title formally attesting that a set of learning outcomes knowledge, know-how, skills and/or competences acquired by an individual have been assessed and validated by a competent body against a predefined standard”



Source: CEDEFOP, *Terminology of European Education and Training Policy*, 2008



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VET and Certification

Why is certification important?

Certification has become an important element of verifying the competence of an increasingly mobile and global workforce.

For the (potential) employee:

- ✓ It's a sign of being kept updated, according to current needs,
- ✓ It shows that there is desire and ambition to grow professionally,
- ✓ It contributes in improving the chance of getting hired,
- ✓ It can help in negotiating for a higher salary.



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Certification of Technical Professions in Greece

The VET providers' approach

VET providers cooperate with certification bodies to provide specialized training programmes of shorter duration that provide both training and the opportunity to acquire a certification

Example: Certification process according to ISO 17024





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Certification of Technical Professions in Greece

The ISO 17024

The international standard ISO 17024 aims to harmonize the various procedures used around the world for certifying the competence of personnel in different occupations or professions.



It provides a global benchmark for personnel certification programmes to ensure that they operate in a consistent, comparable and reliable manner worldwide, thus allowing individuals to have skills that translate across national limits.



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Certification of Technical Professions in Greece

The ISO 17024

For specialized training programmes, ISO 17024 has specific prerequisites that ensure the quality of the training offered. According to each specialization, participants in the certification process should:

- ▶ Hold a relevant degree of a defined level (BA, MSc, PhD)
- ▶ Have proven working experience in the broader field of the specialization
- ▶ Be fluent in English
- ▶ Be competent in using a computer



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Conclusions

- ▶ The VET sector is capable of providing **high - level training and certification opportunities** in the technical field
- ▶ Interested professionals can acquire **internationally-recognised certification** on specialized technical fields
- ▶ The renewable energy - related professions are growing into the VET sector, as **more and more learners prefer them** over more “traditional” professions
- ▶ It is anticipated that during the following years **the quantity of provided training programmes related to renewable energy will be increased** to match the market’s needs



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Thank you for your attention!

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