



ECVET PERMIT: ECVET FOR PERMEABILITY AND TRANSFERABILITY BETWEEN THE NON-FORMAL & FORMAL VET SECTOR

***Yianna Orphanidou, Intercollege
24th EfVET Conference, Cyprus
23rd, October 2015***

INTERCOLLEGE



Funded by
the European Union

This presentation reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

www.nic.intercollege.ac.cy/ecvetpermit/

INTERCOLLEGE ΛΕΥΚΩΣΙΑΣ

Εγγραφές | Επικοινωνία | Κεντρική Ιστοσελίδα
 Αναζήτηση


INTERCOLLEGE ΛΕΥΚΩΣΙΑΣ ΠΡΟΓΡΑΜΜΑΤΑ ΦΟΙΤΗΤΕΣ ΥΠΗΡΕΣΙΕΣ ΕΡΕΥΝΑ ΕΓΓΡΑΦΕΣ ENGLISH SECTION
 Αρχική - ΕΡΕΥΝΑ - Ευρωπαϊκά Έργα - ECVET Permit

EΡΕΥΝΑ

Γραφείο Ευρωπαϊκών Προγραμμάτων

- Ευρωπαϊκά Έργα
 - ECVET Permit**
 - ECVET Permit - Partners
 - ECVET Permit - Instructors
 - ECVET Permit - News
 - ECVET Permit - Contact
- Κινητικότητα
 - Επικοινωνία

ECVET Permit



What is the ECVET PERMIT project about?

The project **ECVET for Permeability and Transferability between the Non-Formal and Formal Vocational Education and Training System (ECVET PERMIT)** aims to implement the [European Credit system for Vocational Education and Training \(ECVET\)](#) methodology in the curricula of VET study programmes within the non-formal and formal VET system, at national and European level, in an effort to increase the permeability and transferability of the learning outcomes achieved within different learning contexts.

[read more...](#)

OUTCOMES

PARTNERS

INSTRUCTORS

NEWS

CONTACT



Erasmus+

The project is funded by the European Commission. This website reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

ECVET PERMIT Consortium

◆ Cyprus

- ◆ Intercollege – Formal HE/VET
- ◆ CPC – Non-formal VET
- ◆ HRDA – Policy VET

◆ Greece

- ◆ IIEK DELTA – Non-formal VET
- ◆ IDEC- Consulting Agency

◆ Malta

- ◆ MCAST – Formal HE/VET

What are we trying to do?

- *The overall aim of the project is the implementation of the ECVET methodology in the curricula of VET study programmes within the **non-formal** and **formal VET** system, at national and EU level, in an effort to increase the permeability and transferability of the learning outcomes achieved within different learning contexts.*

In other words this is what we have agreed to deliver...

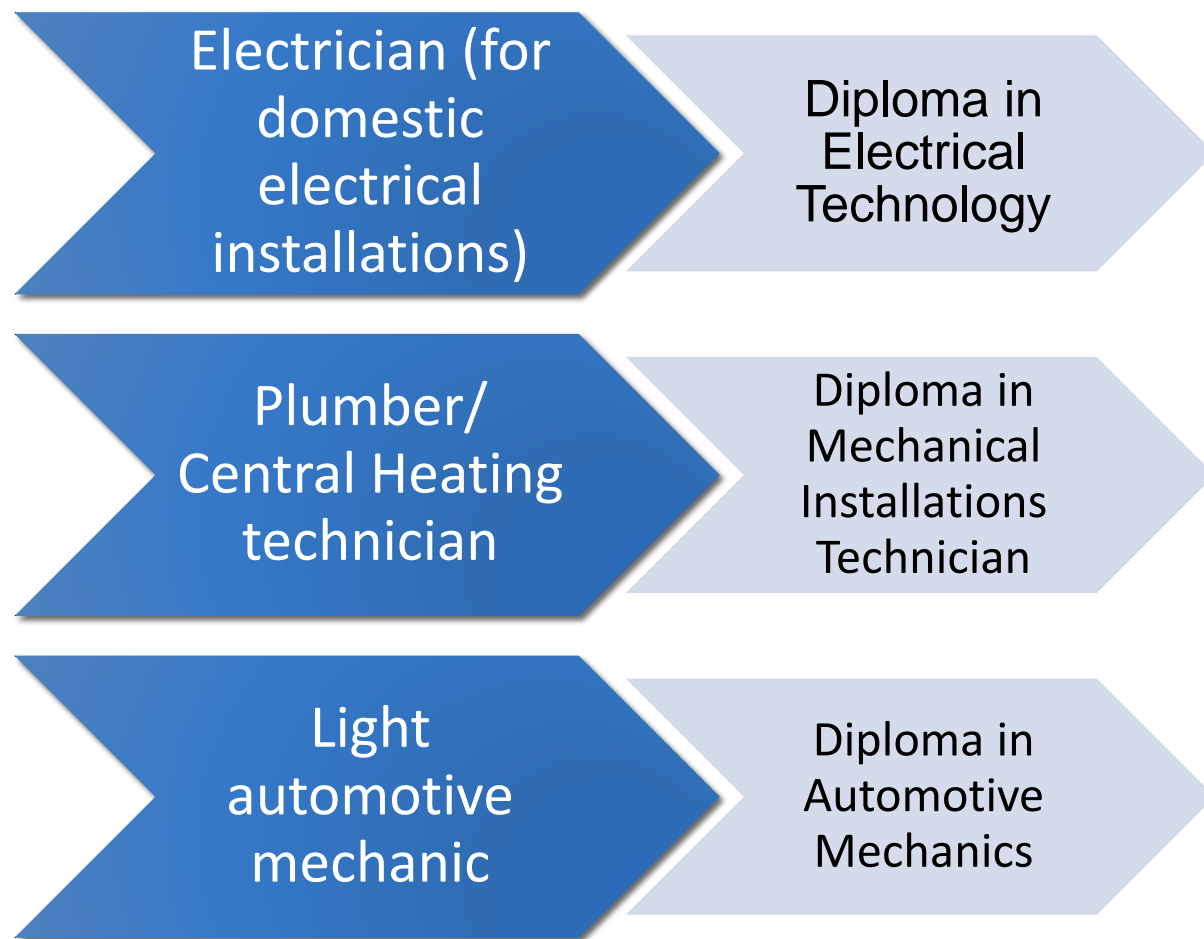
To apply the ECVET methodology for describing, assessing and validating learning outcomes in 3 **non-formal** technical VET specializations:

- Electrician (for domestic electrical installations)
- Plumber/ Central Heating technician
- Light automotive mechanic

in order to test the transferability of credits from the non-formal to the formal VET system, firstly within the national borders (Cyprus) and secondly on EU level (Greece & Malta).

Credit transfer from non-formal to formal education

Note: Formal education programmes are approx. 3,000 total learning hours/2 year programmes.



PRACTICAL GUIDE

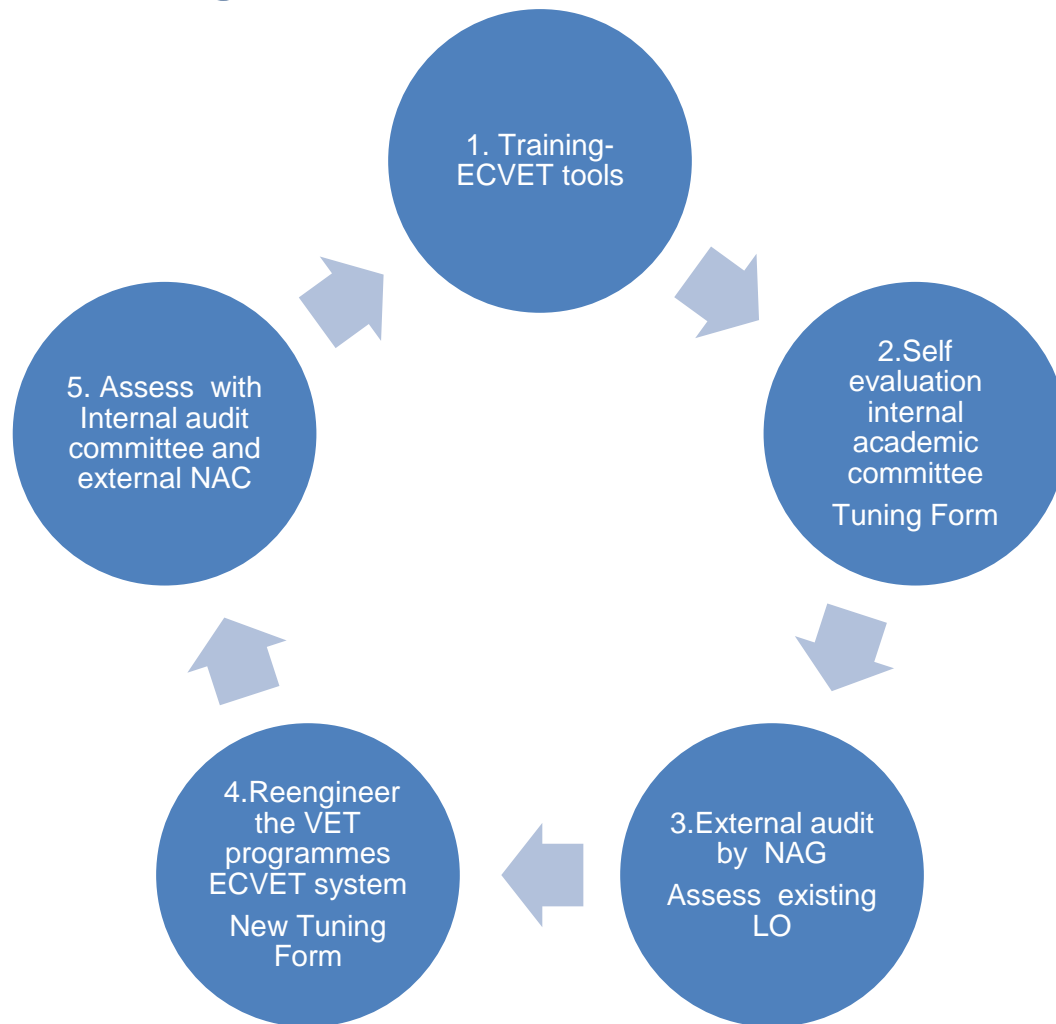
- ECVET PERMIT – MANUAL

- ✓ Step by Step and practical guide on how to implement the ECVET tool between the Formal and Non-Formal VET Sector
- ✓ The Manual will be available in English and Greek and uploaded on the project's website.

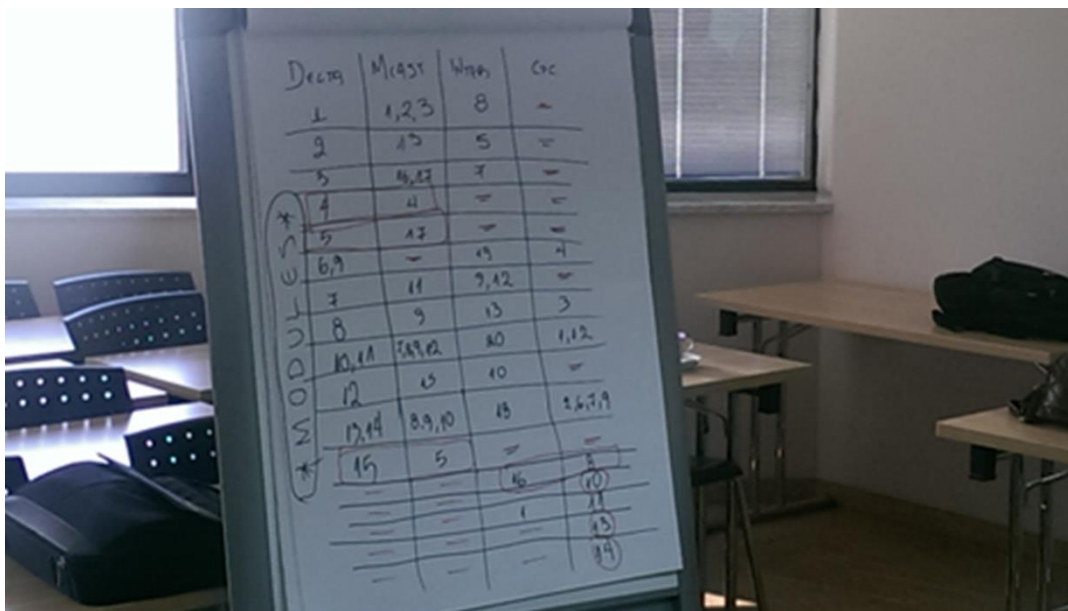
ECVET Tuning steps

- Methodology of ECVET Permit
- Mapping No Formal – Formal Education
- ECVET Tuning Curriculum
- Learning Outcomes training
- Reengineering of Units

ECVET Permit framework for ECVET reengineering



Δράσεις Κατάρτισης/Μάθησης



LO	Level	Bloom	Learning Outcome
LO1	Skill	Apply (3)	Apply the basic principles of organization in a car workshop.
LO2	Competence	Synthesis (5)	Organize his work in communication with his colleagues.
LO3	Competence	Evaluation (5)	Interpret the rules referred to healthy and safe performance of duties
LO4	Knowledge	Knowledge (1)	Recall the legislative framework relating to the protection of the environment
LO5	Competence	Analyze (4)	Distinguish the materials that must be retained for recycling.
LO6	Skill	Apply (3)	Implement the intended recycling process.
LO7	Skill	Analyze (4)	Identify the causes of accidents and especially the risks in garages.
LO8	Competence	Apply (3)	Follow a certain procedure in case of an accident.
LO9	Competence	Evaluate (6)	Observe all required forms for the exercise of the duties.
LO10	Competence	Synthesis (5)	Advise the client regarding the service procedure

Intercollege and CPC Comparison (2)

Mechanical Installation courses

Qualification/Task	Intercollege	Cyprus Productivity Centre (CPC)
Units of learning outcomes / profile of skills and competence	Plumbing systems (Interior) MTECH -150	<u>Module 2:</u> Tools for the trade of plumbing and Heating <u>Module3:</u> Fundamentals of maths, fluids and heating <u>Module 5(a):</u> Plumbing theory <u>Module 6:</u> plastic pipes and fittings <u>Module 7:</u> Copper pipes and fittings <u>Module 8:</u> Cast Iron and steel pipes and fittings <u>Module 9:</u> Sewage and drainage installations

Tuning Form Example

Study Programme Code: MTECH

Study Programme Title: Mechanical Installations Technology

Unit Code: MTECH250

Unit Title: Plumbing Systems (Exterior)

*Unit level (EQF/NQF): **Level 5***

Table 1: Current form

Learning Outcomes	Method of assessment
<ol style="list-style-type: none"> 1. To study and apply modern technological methods with regard to plumbing installation 2. To recognize and choose correctly the various tools, parts and mechanical equipment used in plumbing installations. 3. To study and apply security rules in plumbing installations 4. Can understand and apply correctly the construction instructions for plumbing installations 5. Be able to understand all the functions of a pumping station and can correctly assemble all parts. 6. Can understand correctly water pressurized systems and know the correct operation and their installation 7. Can sustain and solve problems related to the proportional plumbing installations. 	<ol style="list-style-type: none"> 1. Examinations (Mid-term and Final) 2. Examinations (Mid-term and Final) 3. Examinations (Mid-term and Final) 4. Assignments and In-class exercises 5. Workshop report based on workshop 6. Workshop report based on workshop 7. Workshop report based on workshop



TUNING FORM FOR AN ECVET MODULE/UNIT - Intercollege Nicosia
Development and Assessment of Competences/Skills/Knowledge

Programme of Studies:	Automotive Engineering Diploma
Name of the module / course unit:	Internal Combustion Engines I AUTO 100
Type of course (e.g. major, minor, elective):	Major
Level of the module / course unit:	Level 5
Prerequisites:	Thermodynamics MTECH 100
Number of ECVET credits:	6

Learning Outcomes

By completion of this unit the learner should be able to

1. **Understand** the Otto and Diesel cycles for internal combustion engines
2. **Describe** the different types of valve timing systems
3. **Identify** of the major engine parts through practical workshops



permeability between the non-formal and
formal vocational and educational system

TUNING FORM FOR AN ECVET
MODULE - UNIT- Intercollege Nicosia
AUTO- 100
Internal Combustion Engines I

Learning outcomes By the end of this course a learner is expected to:	Method of assessment	ECVET System		Estimated student work time in hours
1. Understanding the Otto and Diesel cycles for internal combustion engines	<ul style="list-style-type: none"> Mid-term and final exams Class discussion Class participation 	K	<ul style="list-style-type: none"> Being able to describe the different IC engines cycle of operation (petrol and diesel) Two stroke and four stroke Pressure-volume diagrams 	70
		S	<ul style="list-style-type: none"> Not applicable 	0
		C	<ul style="list-style-type: none"> Not applicable 	0
2. Describe the different types of valve timing systems	<ul style="list-style-type: none"> Final exams Class discussion Class participation Workshop participation Workshop report 	K	<ul style="list-style-type: none"> Methods of valve timing (chain, gears and belts) Variable valve timing principles 	21
		S	<ul style="list-style-type: none"> Extract information from valve timing diagram 	20
		C	<ul style="list-style-type: none"> Perform measurements in workshop and adjust valve/cam clearance 	4
3. Identification of the major engine parts through practical workshops	<ul style="list-style-type: none"> Laboratory / workshop report Observation through workshop 	K	<ul style="list-style-type: none"> The exact location of each component on the IC engine 	19
		S	<ul style="list-style-type: none"> Determining the kind of tools and equipment needed to do a job. Identification of worn parts that need to be 	8

INTERCOLLEGE ΛΕΥΚΩΣΙΑΣ

Εγγραφές | Επικοινωνία | Κεντρική Ιστοσελίδα

Αναζήτηση

INTERCOLLEGE ΛΕΥΚΩΣΙΑΣ ΠΡΟΓΡΑΜΜΑΤΑ ΦΟΙΤΗΤΕΣ ΥΠΗΡΕΣΙΕΣ **ΕΡΕΥΝΑ** ΕΓΓΡΑΦΕΣ ENGLISH SECTION

Έρευνα

Ερευνητικά Προγράμματα



[Αρχική - Έρευνα](#)

ΕΡΕΥΝΑ

Γραφείο Ευρωπαϊκών Προγραμμάτων
Ευρωπαϊκά Έργα
Κινητικότητα
Επικοινωνία

Έρευνα

ΕΥΡΩΠΑΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ



Ευρωπαϊκά Προγράμματα

Το Intercollege συμμετέχει είτε ως συντονιστής είτε ως εταίρος σε μια σειρά στοχευμένων ευρωπαϊκών έργων. Για περισσότερες πληροφορίες ...

ΚΙΝΗΤΙΚΟΤΗΤΑ



Κινητικότητα

Το πρόγραμμα διακρατικής κινητικότητας προσφέρει στους/στις φοιτητές/τριες, το διδακτικό και το διοικητικό προσωπικό του Intercollege ...

Yianna Orphanidou

Orphanidou.y@intercollege.ac.cy

<http://www.nic.intercollege.ac.cy/ecvetpermit/>

Thank you!