





## THE ENHANCE GREEK PILOT COURSE

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Project Title: ENhANCE: EuropeaN curriculum for fAmily aNd Community nursE

Contract No: 2017 - 2976 / 001 - 001

EU Programme: Erasmus plus Start of project: 1 January 2018

**Duration:** 3 years

# FCN EUROPEAN CURRICULUM — FIRST RELEASE

Delivery date: December 2018

Version: V1

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The FCN European Curriculum - first release

Sector Skills Alliances FACEA 04/2017

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- ✓ The 1st release of the FCN EU Curriculum includes 53 Learning Outcomes grouped into 7 Units.
- ✓ The 28 Core Competences of the FCN Professional Profile have been grouped into Key Activities, i.e. into integrated group of professional competences, which are in their entirety necessary to perform a task relevant to the job profile.
- ✓ Each Key Activity includes from 2 to 7 Core Competences.
- ✓ Units of Learning Outcomes of the FCN Curriculum correspond to the identified Key Activities.
- ✓ Each Learning Outcome is described in terms of Knowledge, Skills and Personal and Transversal Competences.



## THE FCN EU CURRICULUM

#### UNITS OF LEARNING OUTCOMES AND LEARNING OUTCOMES

## UNIT OF LEARNING A: NEEDS ASSESSMENT

- 1. Identify and assess the health status and health needs of individuals and families within the context of their cultures and communities.
  - a. Identify and assess individuals' health status and health needs
  - b. Identify and assess families' health status and health needs
  - c. Contextualize and apply needs assessment taking into account cultures and communities
- 3. Plan, implement and assess nursing care to meet the needs of individuals, families, and the community within their scope of competence.
  - a. Plan nursing care to meet the needs of individuals, families, and the community within their scope of competence
  - b. Implement nursing care to meet the needs of individuals, families, and the community within their scope of competence
  - c. Assess nursing care to meet the needs of individuals, families, and the community within their scope of competence
- 19. Multidimensional community health needs assessment to implement appropriate clinical interventions and care management.
  - a. Assess community health needs in a multidimensional perspective
  - b. Identify the appropriate clinical interventions and care management strategies for communities
- 21. Assess the social, cultural, and economical context of patients and their families
  - a. Assess the social, cultural, and economical context of patients and their families



# **Greek Localized Curricula**

A main project outcome result has been the instantiation of the ENhANCE European FCN Curriculum into 3 Localized Curricula. These were launched and piloted in targeting graduate nurses at 3 different educational institutions: The University of Thessaly (UTH), the University of Genoa (UNIGE) and the University of Eastern Finland (UEF).

The FCN Curriculum localized and implemented at UTH is based on all 53 learning outcomes targeted by the <u>ENhANCE European FCN Curriculum</u>, and corresponds to 40 ECTS at EQF-6 level. It consists of a total 250-hour Lifelong Learning Programme and leads to a Certificate of Specialization in Family and Community Nursing.



# Family Community Nursing Curriculum

A 250-hour Lifelong Learning specialization (40 ECTS) in Family Community Nursing provided by the *University*. of Thessaly.

Based on the ENHANCE
Family and Community
Nurse European Curriculus



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# Key Data FCN Curriculum Piloted at UTH

LENGTH OF FCN Lifelong Learning Programme	1 YEAR
NUMBER OF LEARNING OUTCOMES	53
AWARDED CERTIFICATION	CERTIFICATE OF SPECIALIZATION IN FAMILY & COMMUNITY NURSING ISSUED BY UTH
OFFICIAL RECOGNITION	RECOGNITION BY HELLENIC REGULATORY BODY OF NURSING (ENE) WITH OFFICIAL CME (CONTINUED MEDICAL EDUCATION) CREDITS
TOTAL NUMBER OF ECTS	40
TOTAL NUMBER OF TEACHING HOURS	250
TOTAL WORK LOAD (HOURS)	1000
TARGETED EQF LEVEL	6
NUMBER OF MODULES	10
WORK-BASED LEARNING	TAKES PLACE IN COMMUNITY SETTINGS - SEE MODULE DESCRIPTIONS

#### Acronyms

EQF European Qualifications Framework

ECTS European Credit Transfer and Accumulation System

FCN Family and Community Nurse

LO Learning Outcomes
OOT Open Online Tool
PHC Primary Health Care
WBL Work-based Learning

#### Module 1

#### Health Needs & Nursing Process in Community and Family Nursing

This module includes learning outcomes that relate to the assessment of the health level and the needs of individuals, families and communities as well as the organization, planning and provision of nursing care from the perspective of nursing and within the framework of interdisciplinarity. This module is one of the most basic modules in the curriculum since it deals with fundamental concepts in the provision of community care. In addition, 7 learning outcomes (LO1a, LO1b, LO3a, LO3b, LO3c, LO19a, LO19b), which are mostly qualified as mandatory, are included, and for this reason it collects 6 of the total 40 credits of the program. With regard to educational strategies, it is possible to use almost all of the proposed ones, such as lectures (mainly online), individual study, group work, labs and work based learning.

LEARNING OUTCOMES EU CURRICULUM:	LEARNING OUTCOME-BASED MODULE COMPOSITION	
LO 1a	Identify and assess individuals' health status and health needs	
LO 1b	Identify and assess families' health status and health needs	
LO 3a	Plan nursing care to meet the needs of individuals, families, and the community within their scope of competence	
1035	Implement nursing care to meet the needs of individuals, families, and the community within their scope of competence	
LO 3c	Assess nursing care to meet the needs of individuals, families, and the community within their scope of competence	
LO 19a	Assess community health needs in a multidimensional perspective	
LO 19c	Identify the appropriate clinical interventions and care management strategies for communities	
TOTAL ECTS	6	



#### Module 2

#### **Decision-making Process**

This module includes decision-making learning outcomes as well as process and decision-making techniques both at the management level and at the level of the clinical judgment. This is a module that includes 3 learning outcomes (LO11a, LO22a, LO22b) and receives 2 credits. With regard to educational strategies, it is possible to use almost all of the proposed ones, such as lectures (mainly online), individual study, group work, labs and work-based learning.

LEARNING OUTCOME-BASED MODULE COMPOSITION

EU CURRICULUM:	
LO 11a	Involve individuals and families in decision-making process
LO 22a	Know and apply leadership techniques that ensures clinical and healthcare effectiveness and appropriateness
LO 22b	Know and apply decision-making techniques that ensures clinical and healthcare effectiveness and appropriateness
TOTAL ECTS	2
Proto by Co.C on Unsplash	

#### Module 3

#### **Health Promotion and Education**

This section includes 8 learning outcomes aimed at developing skills and competencies of trainees to organize prevention, treatment and health promotion programmes, as well as prevent and promote health at individual, family and community. These learning outcomes are focused on community nursing and for this reason they bring together 6 ECTS with the possibility of using all educational strategies. Work-based learning holds a prominent position due to the distinctiveness of the subject which predisposes for on the spot training.

LEARNING OUTCOMES EU CURRICULUN:	LEARNING OUTCOME-BASED MODULE COMPOSITION
LO 4a	Know the main elements/guidelines/procedures/theories to enhance and promote health and prevent disease and injuries in individuals, families and communities and to be able to apply them in daily practice
LO 4b	Know unique needs of subpopulations and detect and contrast the main inequities which affect them
LU 5a	Know and apply the main educational strategies which can be adopted to promote health and safety of individuals and families
LO 16a	Know the main educational strategies for patient education and apply them in daily practice
LO 17a	Know community health promotion goals
LO 17b	Carry out health promotion programs and activities that meet the community's goals
LO 18a	Evaluate policies for health promotion at family and community level
LO 18b	Effectively coordinate, develop and implement policies for health promotion at family and community level
TOTAL ECTS	6

#### Module 4

#### Communication and Interpersonal Skills

Communication and interpersonal relationships are basic skills and competence of nursing at all levels and working frameworks. This section includes 4 learning outcomes (LO23a, LO16b, LO25a, LO6a) aimed at effective communication, counseling and treatment of nurses with patients and families, as well as with various bodies. In addition, this module will also teach strategies and techniques for mentoring students, as students who graduate from the program and work in community structures will re-educate nursing students for family and community issues in the future. This module collects 3.5 credits and all educational strategies and techniques such as role-playing and experiential exercises which are techniques that are suited to the development of such skills.

LEARNING OUTCOMES EU CURRICULUM:	LEARNING OUTCOME-BASED MODULE COMPOSITION
LO Ga	Know the main communication strategies and techniques which can be adopted by a FCN and apply them to specific contexts and needs
	Know the main strategies and techniques for building an effective
LO 16b	therapeutic relation with patients and families and apply them in daily practice
LO 23a	Know and apply communication, counselling and negotiation strategies and techniques with different actors
LO 25a	Know strategies and techniques for mentoring students and apply them in daily practice
TOTAL ECTS	3.5

#### Module 5

#### **Health Administration**

This module includes 7 learning outcomes (LO8a, LO8b, LO14a, LO13a, LO13b, LO27a, LO27b) relating to both health services administration and staff motivation as well as multidisciplinary collaboration and effective interdisciplinary treatment and treatment of health issues in the community. It is a module that includes basic and specialized knowledge in this field of work. It collects 4.5 credits and can use a variety of proposed educational strategies.

LEARNING OUTCOMES EU CURRICULUM:	LEARNING OUTCOME-BASED MODULE COMPOSITION
LO 8a	Know and evaluate the main problems and needs which could affect workers in a specific community context
LO 8b	Know and apply strategies and techniques to motivate workers and to engage them in community healthcare promotion
LO 13a	Work and collaborate in a multidisciplinary team to address problems related to health and illness
LO 13b	Implement nursing care to meet the needs of individuals, families, and the community within their scope of competence
LO 14a	Plan and prioritize the activities of the multidisciplinary team in order to address problems related to health and illness
LO 27a	Work and collaborate in a multidisciplinary team to prevent disease and to promote and maintain health
LO 276	Effectively address problems related to health and illness through the multidisciplinary team
TOTAL ECTS	4.5

#### Module 6

#### **Evidence-based Nursing**

Well-established nursing practice and evidence-based practice is a module that includes 5 Los that enable trainees to identify and adopt best practices in family and community nursing to provide the best possible care each time. Additionally, within this module, students will be taught standardized and validated tools to evaluate their own practice as well as important epidemiological issues for families and communities. This module collects 5 ECTS out of the 40 which demonstrates the importance of evidence-based nursing. From the suggested training strategies, it will be preferable to give trainees the opportunity to ask questions - problems to refer to the bibliography to identify best practices on which they will rely to organize and provide effective care.

LEARNING OUTCOMES EU CURRICULUM:	LEARNING OUTCOME-BASED MODULE COMPOSITION
LO 9a	Know the main guidelines, procedures and tools for the monitoring and the definition of the outcomes and apply them in daily practice
LO 10a	Know and use standardized and validated tools in order to evaluate their own practice
LO 10b	Know and use the main monitoring and reporting procedures in order to document their own practice
LO 26a	Know the main scientific evidence databases and make an effective search
LO 26b	Use the best scientific evidences properly and apply them in daily practice
Total ECTS	5

#### Module 7

## Chronic and Rare Diseases, Palliative Care and Information Communication Technology (ICT)

The seventh section includes the chronic and rare diseases that a nurse will work with in communities and families and palliative care, which will be called upon to provide end-stage patients, addressing the problems of cancer patients, such as chronic pain, reduced functionality, and lack of self-care. In this module, students will also learn how to develop databases that will record all data on health problems and the care of patients with chronic and rare diseases. This module includes 7 learning outcomes and 4.5 credits. Concerning the teaching strategies these include mainly online lectures, individual study and online group work.

LEARNING OUTCOMES EU CURRICULUM:	LEARNING OUTCOME-BASED MODULE COMPOSITION
LO 24a	Know and use the main procedures and tools for monitoring people affected by chronic and rare illnesses
LO 24b	Know the main characteristics of chronic and rare diseases which could be monitored at distance and apply the main guidelines about the monitoring process and the expected outcomes
LO 7a	Know the main guidelines and procedures for palliative care and apply them in daily practice
LO 76	Know the main communication and counselling techniques to manage relations with patients (and families) in palliative care
LO 28a	Know the main ICTs supporting health promotion and education and use the most common ones
LO 28b	Know the main ICTs supporting the treatment of patients at distance and use the most common ones
LO 28c	Know the main ICTs supporting distance health monitoring and use the most common ones
Total ECTS	4.5

#### Module 8

#### Ethics and Professional Standards

This module contains 6 learning outcomes (LO2a, LO2b, LO15a, LO15b, LO20a, LO20b) relating to the morality and ethics of the nursing profession when it is exercised in community structures and in the family. This is a module that includes the basic principles of nursing confidentiality, moral dilemmas in family and community nursing, and how to act in specific, particular cases, such as mental disorders. It collects 5.5 credits, and for training, a variety of educational strategies such as lectures, individual study and online grouping will be used for training.

#### LEARNING OUTCOMES LEARNING OUTCOME-BASED MODULE COMPOSITION EU CURRICULUM: LO 2a Know the main professional ethical standards LO 2b Take decision based on professional ethical standards LO 15a Know professional standards and act in compliance with them Know advanced strategies and techniques of team working and professional collaboration and apply them to specific contexts and LO 15b Know the main ethical principles to manage disparity and diversity and LO 20a apply them in daily practice Know the main guidelines to foster inclusiveness and apply them in daily LO 20b practice 5.5 Total ECTS

#### Module 9

#### Trans-cultural Family & Community Nursing

Given the fact that there are too many immigrants in Greece and too many refugees and economic migrants are passing through our country, the health needs of these populations are very high. Intercultural care for Greece is an important part of community and family nursing. For this reason, it was decided to become a separate module of the localized curriculum, even though it includes only 2 learning outcomes (LO1c, LO21a) and collects 1 credit unit. Within this module, trainees will learn to contextualize and apply needs assessment taking into account different cultures and social context and to apply proper nursing interventions. Concerning the teaching strategies these include mainly online lectures, individual study and online group work.

# LEARNING OUTCOME-BASED MODULE COMPOSITION LO 1c Contextualize and apply needs assessment taking into account cultures and communities LO 21a Assess the social, cultural, and economical context of patients and their families



#### Module 10

#### **Nursing Home Care**

The tenth and final module contains 4 learning outcomes (LO12a, LO12b, LO12c, LO12b) that concern nursing care and nursing activities mainly in people's home. This is a module that includes the basic principles of home care and, above all, the care of the elderly, with the ultimate goal of healthy aging, early diagnosis and confrontation of vulnerability. The population of both Greece and Europe is ageing and health needs of the elderly are constantly increasing. It was therefore considered appropriate to create a separate thematic unit on home care focusing on care of the elderly. The module collects 2 credit points and a variety of educational strategies such as lectures, individual study and online grouping will be used for the training. As mentioned earlier, training will be accomplished mainly through the ENHANCE Open Online Tool (OOT) platform and will be synchronous and asynchronous. The evaluation of the trainees' training course will also be done mainly through OOT, and only the assessment of work based learning will be done by combining OOT and face to face assessment activities.

LEARNING OUTCOMES EU CURRICULUM:	LEARNING OUTCOME-BASED MODULE COMPOSITION
LO 12a	Know the main standards about nursing activities in people's homes and apply them in daily practice
LO 12b	Know the main standards about nursing activities in the community and apply them in daily practice
LO 12c	Evaluate the outcomes related to nursing activities in people's homes
LO 12d	Evaluate the outcomes related to nursing activities in the community
Total ECTS	2

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# **Participants**



#### **Number and profile**

The total number of the enrolled students was 127 nurses, i.e. 40 unemployed nurses in the first pilot course, 43 nurses working in the public sector in the second pilot course and 44 nurses working on the private sector in the third pilot course.

#### Recruitment

The recruitment period started on 03/09/2019 and closed on 16/09/2019 for the first group for unemployed nurses, while for the other two groups it started on 03/10/2019 and closed on 10/10/2019. The course was advertised in various websites and social media to have the maximum attention and applicants. In total, UTH received 300 applications for all three Greek pilot groups.

Twenty-four professors were involved in the pilot after the successful completion of the teachers training path that was organized and delivered by the Institute for Educational Technology (ITD). In the training course Greek teachers were introduced to the main project outcomes, were trained on the OOT and the teaching/learning methods. This stage was initiated on May 16, 2019 and completed on mid-September of 2019.





















































- **Participants**
- Badges
- Competencies
- **⊞** Grades
- ☐ General
- Opening and socialization phase [M1]
- ☐ Familiarization with the main project outputs (Curricula & OOT) [M2]
- Basics of collaborative learning and learning design [M3]
- ☐ Basics of self-regulated learning and gamification [M4]
- Development of Open Contents and OOT

## Teacher training path (English)

Dashboard / My courses / Teacher training

#### General

- News Forum
- Technical forum
- Meta-Reflection Forum
- My learning journal [optional]

#### Opening and socialization phase [M1]

- Webinar M1
- Forum M1
- Quiz M1

#### Resources

- Slides (Webinar M1)
- Course guide

Your progress ?

 $\mathbf{Y}$ 

 $\mathbf{\nabla}$ 

 $\overline{\mathbf{V}}$ 

Enhance OOT Community

Network servers

Level Up!

681xp

Participate in the course to gain points and X level up!

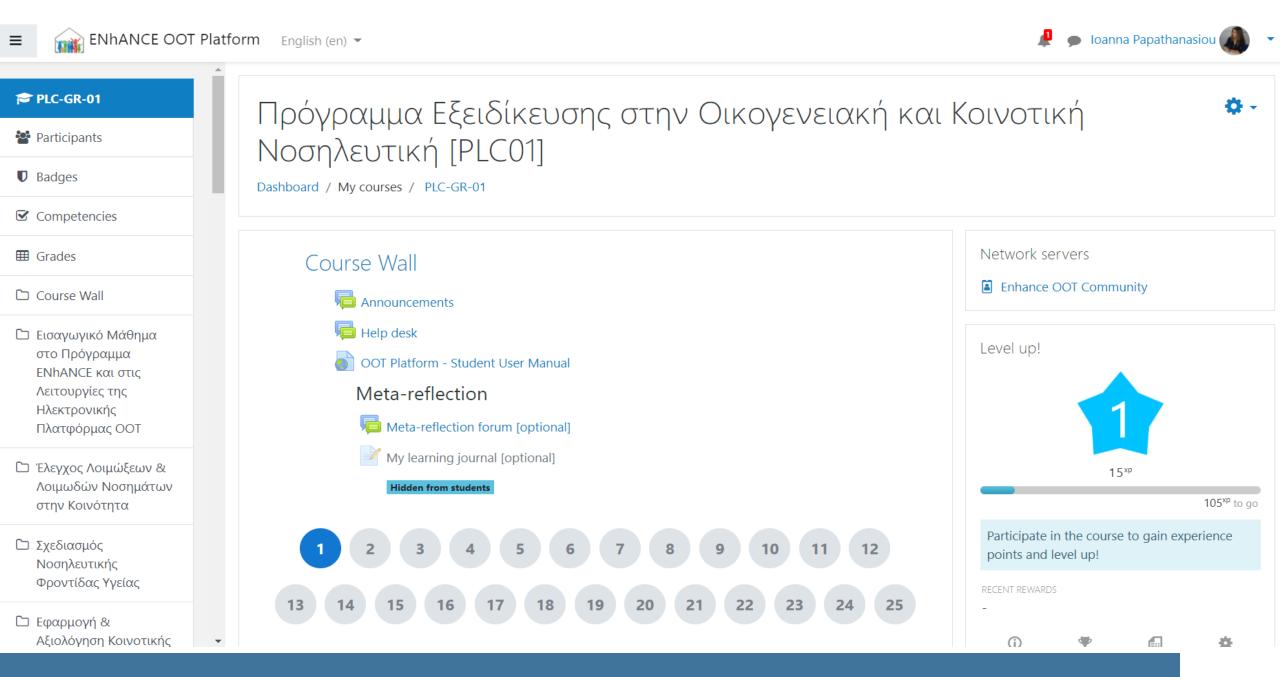
> (i) Info

Ladder

0xp to go

My 4Cs Dashboard

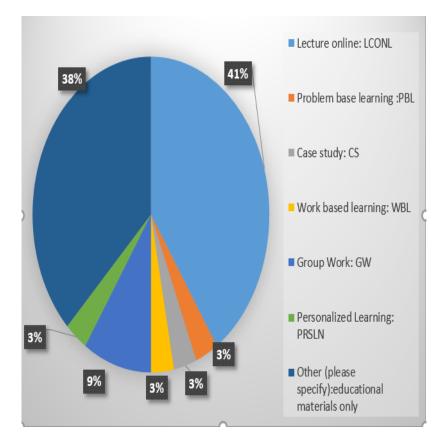
#### The course was delivered on line through the Open Online Tool (OOT), except the work-based activities.

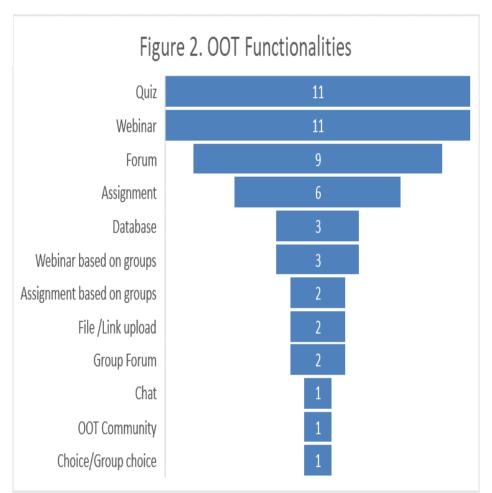


To achieve the targeted learning outcomes different **teaching activities** were organized, several **teaching methods** (Figure 1) and **OOT functionalities** (Figure 2) were applied.

Figure 1.

Teaching Methods applied in the ENhANCE Greek Pilot Course







To evaluate if the students achieved the learning outcomes of the Greek pilot course and the 28 core competencies; assignments, multiple choice tests and a final report of the work-based learning placement were used.

For each one of the student an assessment matrix was used (Figure 3) (Alvino et al, 2019c).

1	COURSE NAME:	Specialization Course in Family and Community Nursing - Greek Pilot	-
	COORDINATOR:	Ioanna V. Papathanasiou	
3	STUDENT CODE	PLC01-S01	
4	P/F	OF CONTRACTOR OF	
5	ASSESSMENT MATRIX	NOTE: this SIMPLIFIED TABLE SHOULD BE USED ONLY WHEN EVERY ASSESSMENT TOOL REFERS TO APPROACH 1	
6			
			STUDENT ASSESSMENT
	ASSESSMENT TOOL	TARGETED LEARNING OUTCOMES	(PASSED/FAILED)
7			[automatically filled in]
	W1-M0-AS	LO0a: Introduction to the Pilot Course	_
8			Р
9	Р	LOOb: Learn about the ENhANCE Project	P
10		LO0c: Know and apply the main functionalities of the OOT	P
11			
			STUDENT ASSESSMENT
	ASSESSMENT TOOL	TARGETED LEARNING OUTCOMES	(PASSED/FAILED)
12			[automatically filled in]
13	W2-M1-GRAS	LO1a: Identify and assess individuals' health status and health needs	Р
14	P	LO1b: Identify and assess families' health status and health needs	P
15			
16			
			STUDENT ASSESSMENT
	ASSESSMENT TOOL	TARGETED LEARNING OUTCOMES	(PASSED/FAILED)
17			[automatically filled in]
18	W2-M1-TEST	LO1a: Identify and assess individuals' health status and health needs	P
19	P	LO1b: Identify and assess families' health status and health needs	P
20	7 (0-10)		
21			
22			CTUDENT ACCECUATION
	ACCECCAMENT TOO!	TARCETER LEARNING OUTCOMES	STUDENT ASSESSMENT
	ASSESSMENT TOOL	TARGETED LEARNING OUTCOMES	(PASSED/FAILED)
23	W0 443 7507		[automatically filled in]
24	W3-M1-TEST	LO3a: Plan nursing care to meet the needs of individuals, families, and the community within their scope of competence	P
25	P o (o to)		
26	8 (0-10)		

The Certification was given only to students that successfully achieved the 80% of the LOs.
In total, 102 Specialized Nurses in Family and Community Nursing graduated of the ENhANCE-Greek Pilot Course and received the Certification of Specialization.



#### ΚΕΝΤΡΟ ΕΠΙΜΟΡΦΩΣΗΣ & ΔΙΑ ΒΙΟΥ ΜΑΘΗΣΗΣ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΘΕΣΣΑΛΙΑΣ



#### ΠΙΣΤΟΠΟΙΗΤΙΚΌ ΕΞΕΙΔΙΚΕΥΜΕΝΗΣ ΕΠΙΜΟΡΦΩΣΗΣ

«Άρθρο» «Επώνυμο» «Όνομα» του «Πατρώνυμο», Κωδικός Πιστοποιητικού «.....»

Ολοκλήρωσε επιτυχώς το εκπαιδευτικό πρόγραμμα «Εξειδίκευση στην Οικογενειακή και Κοινστική Νοσηλευτική», το οποίο υλοποιήθηκε στα πλαίσια του Ευρωπαϊκού Προγράμματος Erasmus+ Sector Skills Alliances EACEA 04/2017 με τίτλο «ENhANCE: EuropeaN curriculum for fAmily aNd Community nursE» (Project Ref. Number 591946-EPP-1-2017-1-IT-EPPKA2-SSA)

Το πρόγραμμα διάρκειας 250 ωρών και 40 ECTs, πραγματοποιήθηκε από Δευτέρα 30 Σεπτεμβρίου 2019 έως Κυριακή 05 Αποιλίου 2020.

Η Πρόεδρος του Κέντρου

Αντιπρύτανις Έρευνας & Διά Βίου Εκπαίδευσης Αναπληρώτρια Καθηγήτρια Ιωάννα Λαλιώτου



Η Επιστημονική Υπεύθυνη του Προγράμματος

Αναπληρώτρια Καθηγήτρια Ιωάννα Παπαθανασίου



## **Evaluation and quality issues**

The Greek pilot course was evaluated by the students.

A formative evaluation was carried out three times (at week 6, week 15 and week 23) and a summative evaluation was implemented in the final week 25.

The results of the internal evaluation are available at the project website (Deliverable 6.4).

Moreover, External Experts in family and community nursing were recruited from the ENhANCE Alliance under WP8, in order to provide external evaluation of the ENhANCE Greek pilot courses.

The results will be available soon, under WP8.



# **Employment data**

As we have reported, students from PLC02 and PLC03 were nurses that already worked in the public and private sector and NGOs (total 70 students).

Regarding the PLC01, 32 students graduated the pilot course and until now 11 of them reported that they have been employed after the course completion.

#### The data for the 11 are:

- 5 as school nurses at school communities,
- 2 as community nurses at units of the national public organization,
- 1 as a community nurse at a community senior center,
- 2 as nurses at intensive care units and
- 1 as a nurse teacher at a VET secondary school.



# **Department of Nursing of UTH**

In order to ensure the use and sustainability of the ENhANCE project developed and is now implementing the lifelong

learning program

"Specialization in School Nursing". School Nursing is a subspecialization of Community Nursing. This LL program is running through the LifeLong Learning Institute of University of Thessaly, and is an online program with a duration of 340 hours. The program adopted many LOs, teaching and assessment strategies of the ENhANCE European Curriculum.

Furthermore Nursing Department developed and during May will start to implement the lifelong learning program for Community Nurses that gives a certification of specialization in "Care for Diabetes". This LL program will run also through the LifeLong Learning Institute of University of Thessaly, and will be an online program with a duration of 365 hours. This program also adopted many LOs and teaching strategies of the ENhANCE European Curriculum.



# Our next steps

The Nursing Department – University of Thessaly (UTH) has currently established by law the Community Nursing Lab, where many actions for community populations will be developed. Those actions will include health promotion and education, health screening, rehabilitation interventions for civilians in Thessaly region and research in the field of Family and Community Nursing. In these actions many of the specialised nurses that graduated from the ENhANCE Greek Pilot Course will be involved.

In addition, this laboratory is responsible for the training of nurses in the field of community nursing and it is our intention to continuously implement the ENhANCE FCN Curriculum.





# Our next steps

Last but not least, even though in Greece UTH implemented the EQF-6 level of the ENhANCE Curriculum, we are in the process of development and establishment of a new Master Degree Program in the School Nursing (sub specialization of Community Nursing) in which EQF-7 level of the ENhANCE Curriculum will be integrated.



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