

Participants Evaluation	S. Barakos			N. Kallioupi			A. Spetsioti			C. Karyotis			D.
	Before	Interim	After	Before	Interim	After	Before	Interim	After	Before	Interim	After	Before
<b>Knowledge, skills and competencies</b>													
<b>1. Designing a Bioclimatic House in AutoCAD</b>													
Basic skills of drawing and management of technical drawings in 2D with AutoCAD.	5	5	5	4	4	5	5	5	6	6	6	6	6
Basic skills of drawing and management of technical drawings in 3D with AutoCAD.	1	4	5	1	3	4	1	4	5	1	4	6	1
Basic skills in the use of AutoCAD software in 2D field by means of creating a design of a bioclimatic house	1	4	5	1	3	4	1	4	5	1	4	6	1
Basic skills in the use of AutoCAD software in 3D field by means of creating a design of	0	4	4	1	3	4	1	4	5	1	4	6	1
Learn about and use bioclimatic elements such as cantilevers, green roofs, solar thermal energy, etc.	2	3	4	2	3	4		4	5		4	5	2
Learn about environmental protection in the construction industry	3	4	5	2	3	4		4	5		4	5	2
Become aware of the importance of our environment and how, using natural energy resources, which in the case of Greece, is the solar radiation	4	5	5	3	4	5		5	6		5	6	5
<b>2. Linguistic knowledge and skills</b>													
Improve Spanish/English communication and listening skills	3	4	5	2	3	4	5	5	6	4	3	4	5
Improve the ability to use English and Spanish sectorial language	4	5	5	2	4	5	5	5	6	2	4	5	4
<b>3. Country culture knowledge and skills</b>													
Get to know the culture and tradition of the region	4	5	6	4	5	6	5	5	6	4	5	6	5
<b>4. Intercultural skills</b>													
Seeing, understanding and embracing cultural differences	5	5	6	5	5	6	5	5	6	5	5	6	5
Recognizing and adjusting when being motivated by different cultural values	5	5	6	5	5	5	5	5	6	4	5	6	5
Being respectful and showing empathy for people from culturally-different backgrounds	6	6	6	6	6	6	6	6	5	6	6	6	6
Working effectively in diverse teams	5	5	5	6	6	6	4	5	5	5	6	6	6
Listening and observing different modes of interaction	6	6	6	5	5	5	4	5	5	4	5	5	4
Communicating effectively in a multilingual environment	5	5	5	4	4	5	5	6	6	5	5	5	5
Being able to establish rapport quickly	5	5	5	5	5	5	5	5	6	5	5	5	5
Adapting to new conditions without judgment	6	6	6	5	5	5	5	6	6	5	5	5	5
Tolerating ambiguity and coping with adversity	6	6	6	5	5	5	5	6	6	5	6	6	6
<b>5. IT skills</b>													
Communicating effectively in a social media group	5	6	6	5	6	6	5	6	6	6	6	6	6
Uploading files in a social media group	4	6	6	5	6	6	4	6	6	6	6	6	6
Uploading and sharing files via dropbox	4	6	6	4	6	6	4	6	6	6	6	6	6
Editing and writing a blog post	1	5	6	1	5	5	1	6	6	6	6	6	6
Administrating a social media page	1	4	4	1	4	4	1	4	4	4	6	6	1
Using effectively hashtags	1	4	4	1	4	4	1	4	4	4	6	6	1
Creating and using a twitter account	1	4	4	1	4	4	1	4	4	4	6	6	1
Creating and using a skype account	5	6	6	5	6	6	4	6	6	6	6	6	7
Creating a EUROPASS CV	5	6	6	5	6	6	4	6	6	6	6	6	6
Creating a EUROPASS European Skills passport	5	6	6	5	6	6	4	6	6	6	6	6	6
Creating a EUROPASS Language Passport	5	6	6	5	6	6	4	6	6	6	6	6	6
<b>6. Personal development</b>													
Improve their confidence	5	5	5	5	5	5	5	5	6	5	5	6	5
Be aware of one's own cultural values (self-awareness)	5	5	6	5	5	6	5	5	6	5	5	6	5
Boost their morale	5	5	6	5	5	6	5	5	6	5	5	6	5
Become more open minded	5	6	6	5	6	6	4	5	6	5	5	6	6

10/14/2015

Evaluation Worksheets\_Construction.xlsx

Value team work

5 6 6 5 6 6 5 6 6 5 6 6 5 6 5 6 6



Participants Evaluation	A. Spilioti			K. Zarkinou			D. Ermidis			E. Asimai			C. Avge	
Knowledge, skills and competencies	Before	Interim	After	Before	Interim	After	Before	Interim	After	Before	Interim	After	Before	Ir
<b>1. Designing a Bioclimatic House in AutoCAD</b>														
Basic skills of drawing and management of technical drawings in 2D with AutoCAD.	4	3	4	1	3	4	6	5	6	3	4	5	1	5
Basic skills of drawing and management of technical drawings in 3D with AutoCAD.	1	3	4	1	3	4	1	5	5	1	3	4	1	4
Basic skills in the use of AutoCAD software in 2D field by means of creating a design of a bioclimatic house	1	3	4	1	3	4	1	5	6	1	3	4	1	5
Basic skills in the use of AutoCAD software in 3D field by means of creating a design of a bioclimatic house	1	3	4	1	3	4	1	5	5	1	3	4	1	5
Learn about and use bioclimatic elements such as cantilevers, green roofs, solar thermal energy, etc.	2	3	5	2	3	4	2	4	5	2	3	4	2	4
Learn about environmental protection in the construction industry	2	3	4	2	3	4	3	5	6	2	3	4	2	4
Become aware of the importance of our environment and how, using natural energy resources, which in the case of Greece, is the solar radiation	3	4	5	3	4	5	3	5	6	3	4	5	3	5
<b>2. Linguistic knowledge and skills</b>														
Improve Spanish/English communication and listening skills	2	3	4	5	5	5	5	6	6	3	4	4	4	5
Improve the ability to use English and Spanish sectorial language	2	3	4	5	5	5	4	6	6	3	3	4	5	5
<b>3. Country culture knowledge and skills</b>														
Get to know the culture and tradition of the region	3	4	5	5	5	5	5	5	6	4	5	5	4	5
<b>4. Intercultural skills</b>														
Seeing, understanding and embracing cultural differences	5	5	5	5	5	5	5	5	6	5	5	5	4	5
Recognizing and adjusting when being motivated by different cultural values	5	5	5	5	5	5	5	5	6	5	5	5	4	5
Being respectful and showing empathy for people from culturally-different backgrounds	5	5	6	6	6	6	6	6	6	5	5	5	4	6
Working effectively in diverse teams	5	5	5	5	5	5	5	6	6	5	5	5	4	6
Listening and observing different modes of interaction	4	4	5	6	6	6	6	6	6	5	5	5	5	6
Communicating effectively in a multilingual environment	3	4	4	5	5	5	5	6	6	5	5	5	5	6
Being able to establish rapport quickly	3	4	5	5	5	5	5	6	6	5	5	5	4	5
Adapting to new conditions without judgment	4	5	6	5	5	5	5	6	6	5	5	5	4	5
Tolerating ambiguity and coping with adversity	4	5	6	6	6	6	6	6	6	6	6	6	4	5
<b>5. IT skills</b>														
Communicating effectively in a social media group	4	6	6	4	6	6	6	6	6	5	6	6	6	6
Uploading files in a social media group	4	6	6	4	6	6	6	6	6	5	6	6	6	6
Uploading and sharing files via dropbox	7	4	4	4	6	6	6	6	6	5	6	6	6	6
Editing and writing a blog post	7	4	4	7	6	6	7	6	6	7	6	6	7	6
Administrating a social media page	7	4	4	7	6	6	7	6	6	7	6	6	7	6
Using effectively hashtags	7	4	4	7	6	6	7	6	6	7	6	6	7	6
Creating and using a twitter account	7	4	4	7	6	6	7	6	6	7	6	6	7	6
Creating and using a skype account	7	4	4	7	6	6	7	6	6	7	6	6	7	6
Creating a EUROPASS CV	7	6	6	4	6	6	6	6	6	4	6	6	6	6
Creating a EUROPASS European Skills passport	4	6	6	4	6	6	6	6	6	4	6	6	6	6
Creating a EUROPASS Language Passport	4	6	6	4	6	6	6	6	6	4	6	6	6	6
<b>6. Personal development</b>														
Improve their confidence	4	4	5	5	5	5	5	6	6	5	5	5	5	5
Be aware of one's own cultural values (self-awareness)	4	4	5	5	5	5	5	6	6	5	5	5	5	5

10/14/2015

Evaluation Worksheets\_Construction.xlsx

Boost their morale	5	5	5	5	5	6	6	6	6	5	5	5	5	6
Become more open minded	4	5	5	5	5	5	5	5	5	5	5	5	5	6
Value team work	5	5	5	5	5	5	5	5	5	5	5	5	5	6
Creating a EUROPASS CV											5	6	5	6
Creating a EUROPASS European Skills passport														
Creating a EUROPASS Language Passport														
<b>8. Personal development</b>														
Improve their confidence														
Be aware of one's own cultural values (self-awareness)														
Boost their morale														
Become more open minded														
Consider working abroad as a realistic option														



Participants Evaluation		C. Zografou			M. Lazaropoulou								
Knowledge, skills and competencies		Before	Interim	After	Before	Interim	After						
<b>1. Designing a Bioclimatic House in AutoCAD</b>													
Basic skills of drawing and management of technical drawings in 2D with AutoCAD.		3	5	6	1	4	5						
Basic skills of drawing and management of technical drawings in 3D with AutoCAD.		1	4	5	1	3	4						
Basic skills in the use of AutoCAD software in 2D field by means of creating a design of a bioclimatic house		1	4	6	1	4	5						
Basic skills in the use of AutoCAD software in 3D field by means of creating a design of a bioclimatic house		1	4	5	1	3	4						
Learn about and use bioclimatic elements such as cantilevers, green roofs, solar thermal energy, etc.		2	4	5	2	4	5						
Learn about environmental protection in the construction industry		2	4	5	2	3	4						
Become aware of the importance of our environment and how, using natural energy resources, which in the case of Greece, is the solar radiation		3	5	6	3	5	5						
<b>2. Linguistic knowledge and skills</b>													
Improve Spanish/English communication and listening skills		3	5	6	5	5	5						
Improve the ability to use English and Spanish sectorial language		5	5	6	5	5	5						
<b>3. Country culture knowledge and skills</b>													
Get to know the culture and tradition of the region		3	4	5	5	5	5						
<b>4. Intercultural skills</b>													
Seeing, understanding and embracing cultural differences		4	5	6	5	5	5						
Recognizing and adjusting when being motivated by different cultural values		4	5	6	5	5	5						
Being respectful and showing empathy for people from culturally-different backgrounds		5	5	6	5	5	5						
Working effectively in diverse teams		4	5	6	5	5	5						
Listening and observing different modes of interaction		5	5	5	6	6	6						
Communicating effectively in a multilingual environment		5	5	6	5	5	5						
Being able to establish rapport quickly		5	5	6	5	5	5						
Adapting to new conditions without judgment		5	5	5	5	5	6						
Tolerating ambiguity and coping with adversity		5	5	6	6	6	6						
<b>5. IT skills</b>													
Communicating effectively in a social media group		5	6	6	5	6	6						
Uploading files in a social media group		5	6	6	5	6	6						
Uploading and sharing files via dropbox		4	6	6	4	6	6						
Editing and writing a blog post		1	4	5	1	6	6						
Administering a social media page		1	4	5	1	6	6						
Using effectively hashtags		1	4	5	1	6	6						
Creating and using a twitter account		1	4	4	1	6	6						
Creating and using a skype account		5	6	6	5	6	6						
Creating a EUROPASS CV		3	6	6	3	6	6						
Creating a EUROPASS European Skills passport		3	6	6	3	6	6						
Creating a EUROPASS Language Passport		3	6	6	3	6	6						
<b>6. Personal development</b>													
Improve their confidence		5	5	6	5	5	6						
Be aware of one's own cultural values (self-awareness)		5	5	6	5	5	5						
Boost their morale		5	5	6	5	5	5						

10/14/2015

Evaluation Worksheets\_Construction.xlsx

Become more open minded	4	6	6	4	6	6								
Value team work	4	6	6	4	6	6								
Creating a EUROPASS CV	4				6	6								
Creating a EUROPASS European Skills passport														
Creating a EUROPASS Language Passport														
<b>8. Personal development</b>														
Improve their confidence														
Be aware of one's own cultural values (self-awareness)														
Boost their morale														
Become more open minded														
Consider working abroad as a realistic option														



# Learning Outcomes

			S. Bar	N. Ka	A. Sp	C. Ka	D. Tsi	A. Sp	K. Zrl	D. En	E. Asi	D. Av	C. Zor	M.
Tasks of the trainee:														
Day 1	AutoCAD: Interface & getting to know the working environment	Knowledge of the program and the different sections of the program.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Prepare toolbars, to begin designing bioclimatic house. Object references	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Customize the menu bar and working tapes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Customizing the work environment to A3 & 1/100 scale	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating the information box of the plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 2	Creating the house furniture	Environment designed by piece, simple objects	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Drawing furniture(living room) room in 2D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating furnishings: tables and chairs.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Medical devices designed toilet 2D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Design Example: Design a shower	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating blocks of furniture (bedroom)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating furnishings: bed, wardrobe	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating blocks of furniture (house)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Inserting blocks	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Inserting blocks (bathrooms)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 3	Creating exterior walls of the bioclimatic house in 2D	Downloading and Inserting already created blocks into the plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Knowledge of the features of a bioclimatic house	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Identifies guidance for windows	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Passive components housing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Knowledge of the premises of a bioclimatic house design	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating various layers defining the outline of the bioclimatic house	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Defining each layer with its colour, line type, thickness, etc	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Modifies the properties of a layer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Deactivated and active layers plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating wall layer and drawing exterior walls of the house	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 4	Interior divisions and empty spaces in 2D	Creating walls with different thicknesses depending on their orientation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating insulating layer and drawing the insulation of the house.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Drawing interior divisions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Shading command used to fill the interior partitions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Drawing doors in 2D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 5	Measurements & rooms surfaces	Inserting already created blocks into the plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Drawing windows in 2D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Editing coordinates properties	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating their own model of coordinates	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Calculating rooms surfaces	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 6	Decorating the bioclimatic house	Defining/measuring dimensions of the house	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Naming the rooms of the house	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Inserting already created blocks into the plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Importing blocks	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating schemes housing facilities	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 7	Creating exterior walls & empty spaces of the bioclimatic house in 3D	Inserting blocks of solar installations	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating block libraries	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating block in 3D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Inserting windows and doors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Inserting insulation and wall finishes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 8	Creating the ceiling and roof construction of the house in 3D	Creating windows and doors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating the ceiling for the green roof	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating the sloping roof for rainwater collection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Inserting blocks of trees 3D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating window cantilevers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 9	Creating bioclimatic elements 3D	Creating the exterior staircase	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating Trombe walls	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Creating solar photovoltaic installation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Crating solar thermal systems.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Printing the plans of the bioclimatic house in 2D.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Day 10	Rendering and printing the plans of the bioclimatic house	Rendering the bioclimatic house in 3D.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Graphic presentation of the bioclimatic house.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

use a tick to mark the accomplished tasks during the i

✓

# Learning Activities

S. Bas N. Ka A. Sp C. Ka D. Tsi A. Sp K. Zri D. En E. Asi D. Av C. Zo M. L

## Tasks of the trainee:

Day	Task	S. Bas	N. Ka	A. Sp	C. Ka	D. Tsi	A. Sp	K. Zri	D. En	E. Asi	D. Av	C. Zo	M. L
Day 1	AutoCAD: Interface & getting to know the working environment	Learning all the aspects of the programme and interlinks among them											
		Customizing the work environment											
		Data entry: coordinate types											
		Creating simple geometry											
Day 2	Creating the house furniture	Creating, using and managing blocks											
Day 3	Creating exterior walls of the bioclimatic house in 2D	Adminstrating layers and creating the walls											
Day 4	Interior divisions and empty spaces in 2D	Using editing commands											
Day 5	Measurements & rooms surfaces	Measuring and customizing coordinates											
Day 6	Decorating the bioclimatic house	Inserting blocks and shading particular spaces											
Day 7	Creating exterior walls & empty spaces of the bioclimatic house in 3D	3D solids creating											
Day 8	Creating the ceiling and roof construction of the house in 3D	3D solids editing											
Day 9	Creating bioclimatic elements 3D	3D solid creating and editing											
Day 10	Rendering and printing the plans of the bioclimatic house	Printing the plans: printing scale & layout styles											

use a tick to mark the accomplished tasks during the

v



Participants Evaluation				L. Logotheti														
Knowledge, skills and competencies	Before	Interim	After	Before	Interim	After	Before	Interim	After	Before	Interim	After	Before	Interim	After	Before	Interim	After
<b>1. Professional skills</b>																		
Add to their expertise new teaching technologies & methodologies	6	6	6															
Add to their expertise new teaching technologies focused in renewable energy sources and energy-efficiency construction	6	6	6															
Understand how learners mobility enhances their personal development	6	6	6															
<b>2. Country culture knowledge and skills</b>																		
Get to know the culture and tradition of the region	5	6	6															
<b>3. Knowledge and linguistic skills</b>																		
Improve communication skills in Spanish & English	3	5	5															
Improve the ability to use English and Spanish sectorial language																		
<b>4. Intercultural skills</b>																		
Seeing, understanding and embracing cultural differences	5	6	6															
Recognizing and adjusting when being motivated by different cultural values	5	6	6															
Being respectful and showing empathy for people from culturally-different backgrounds	5	6	6															
Working effectively in diverse teams	5	6	6															
Listening and observing different modes of interaction	5	6	6															
Communicating effectively in a multilingual environment	4	5	5															
Being able to establish rapport quickly	5	6	6															
Adapting to new conditions without judgment	5	6	6															
Tolerating ambiguity and coping with adversity	5	6	6															
<b>5. IT skills</b>																		
Communicating effectively in a social media group	5	6	6															
Uploading files in a social media group	5	6	6															
Uploading and sharing files via dropbox	4	4	4															
Editing and writing a blog post	4	4	5															
Administrating a social media page	4	4	5															
Using effectively hashtags	4	4	5															
Creating and using a twitter account	4	4	4															
Creating and using a skype account	6	6	6															
Creating a EUROPASS CV	5	6	6															
Creating a EUROPASS European Skills passport	5	6	6															
Creating a EUROPASS Language Passport	5	6	6															

Βαθμός	Αξιολογηση Επιπέδου
1	Not satisfactory
2	Poor
3	Satisfactory
4	Good
5	Very good
6	Excellent