

ΠΑΡΑΡΤΗΜΑ «Ε» ΣΤΗ  
Φ. 470.1/29 /314139/Σ.4862

ΥΠΟΥΡΓΕΙΟ ΕΘΝΙΚΗΣ ΑΜΥΝΑΣ  
ΓΕΝΙΚΟ ΕΠΙΤΕΛΕΙΟ ΕΘΝΙΚΗΣ ΑΜΥΝΑΣ  
ΚΛΑΔΟΣ Β΄ (ΠΡΟΣΩΠΙΚΟ)  
Β1 ΔΙΕΥΘΥΝΣΗ (ΑΝΘΡΩΠΙΝΟΥ ΔΥΝΑΜΙΚΟΥ)  
ΤΜΗΜΑ ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ  
ΠΟΛΙΤΙΚΟΥ  
ΠΡΟΣΩΠΙΚΟΥ  
20 Ιουλ 18

### Υποδείγματα POs, ELOS

ΜΕΡΟΣ Α: ΚΑΘΟΡΙΣΜΟΣ PERFORMANCE OBJECTIVES (POs)	
CYCLE – BLOCK CONTROL DOCUMENT	
CYCLE/BLOCK TITLE:	
<b>PART- 1: PERFORMANCE OBJECTIVES (POs)</b>	
<b>PO 1:</b>	
1.	<b>Performance Statement.</b>
2.	<b>Conditions:</b>
3.	<b>Standards.</b>
4.	<b>Proficiency Level.</b>
5.	
<b>PO 2:</b>	
1.	<b>Performance Statement.</b>
2.	<b>Conditions:</b>
3.	<b>Standards.</b>
4.	<b>Proficiency Level.</b>
5.	
<b>PO 3:</b>	
1.	<b>Performance Statement.</b>
2.	<b>Conditions:</b>
3.	<b>Standards.</b>
4.	<b>Proficiency Level:</b>

**Καθοδήγηση – Ορισμοί για την Υποβοήθηση του Έργου του Διδακτικού Προσωπικού**

**PERFORMANCE OBJECTIVES (POs):** *Details each of the intended outcomes to be addressed through an Education and Training Solution solution, includes a performance statement (essential task), the conditions and prescribed standard to be achieved.*

**PO :**

**Performance Statement.** *A clear, concise and precise statement representing a logical and complete part of the job function, which is observable and measurable.*

**Conditions:** *Conditions provide context and describe the situation, under which the performance must be completed.*

**Standards.** *The Standards describe how and how well performance must be completed.*

**Proficiency Level.** *Specifies a level (100-500) which broadly defines and captures the degree of competence or “expertise” to be achieved on the job.*

**ΜΕΡΟΣ Β: ΚΑΘΟΡΙΣΜΟΣ ENABLING/LEARNING OBJECTIVES (ELO) ΚΑΤΑ ΜΑΘΗΜΑ ΣΕ ΣΧΕΣΗ ΜΕ ΤΟΥ ΣΟΡΙΣΘΕΝΤΕΣ POs**

**CYCLE – BLOCK CONTROL DOCUMENT - PROGRAMME OF CLASSES**

**PO 1:**

**ELO 1.1:**

1. **Performance:Conditions:**
2. **Standards:**
3. **Assessment:**
4. **Instructional Strategy:**

Content	Method & Time	References
<b>a. Lesson Title:</b>		
TP 1		
TP2		
TP3		
TP4		
TP5		
<b>b. Lesson Title:</b>		
TP 1		
TP2		
TP3		

TP4			
TP5			
<i>c. Lesson Title:</i>			
TP 1			
TP2			
TP3			
TP4			
TP5			
<b>Total Time:</b>			

5. **Depth of Knowledge:**

6. **Limitations:**

7. **Resources:**

<b>CYCLE – BLOCK</b>						
<b>Performance Objective</b>						
<b>Serial</b>	<b>Enabling/Learning Objective Performance statement</b>	<b>Conditions</b>	<b>Standards</b>	<b>Teaching Points (TP)</b>		
				<b>Lesson Title</b>	<b>Method &amp; Time</b>	<b>References</b>
ELO 1.1						
ELO 1.2						
ELO 1.3						
ELO 1.4						
<b>Resources:</b>						
<b>References:</b>						
<b>Assessment:</b>						
<b>Limitations:</b>						
<b>Remarks:</b>						
<b><u>Καθοδήγηση – Ορισμοί για την Υποβοήθηση του Έργου του Διδακτικού Προσωπικού</u></b>						
<b>PO 1:</b> <i>Insert the performance statement describing what a learner will be able to do upon completion of a specified Performance Objective (PO).</i>						
<b>ELO 1.1:</b>						
<b>8. Performance:</b> <i>The statement clear, concise and precise statement representing a logical and complete segment of what is to be learned in order to achieve a PO.</i>						

9. **Conditions:** A list of the conditions which describe the situation in which learning will occur.
10. **Standards:** Defines the level of proficiency that determines if the required level of learning is achieved.
11. **Assessment:** The content is captured within the Assessment Plan and a summary is provided here. Practical or Written. Group or Individual. On own or combined with other EOs. Also indicates how the results be used to determine disposition?
12. **Instructional Strategy:**

Content	Method & Time		References
	Identify methods	An estimate of the time	
a. <b>Lesson Title:</b> A label assigned the 1st grouping of teaching points (TPs)			Links content to a source
TP 1			
TP2			
TP3			
TP4			
TP5			
b. <b>Lesson Title:</b> A label assigned to a 2 <sup>nd</sup> grouping of TPs			
TP 1			
TP2			
TP3			
c. <b>Lesson Title:</b> A label assigned to a 3rd grouping of TPs			
TP 1			
TP2			
<b>Total Time:</b>			

13. **Depth of Knowledge:** Specifies a level (100-500) which identifies the level of learning.
14. **Limitations:** A description of limitations which prevent the completion of Enabling/Learning Objective.
15. **Resources:** Comments that further clarify the design intent captured within the Enabling/Learning Objective.

## ΑΚΟΛΟΥΘΕΙ ΠΑΡΑΔΕΙΓΜΑ

## ΠΑΡΑΔΕΙΓΜΑ ENABLING/LEARNING OBJECTIVES - EXAMPLE

COURSE CONTROL DOCUMENT III - PROGRAMME OF CLASSES	
Code:	Title: Geo-Spatial Intelligence Analyst

**PO 12:** Interpret Object-Oriented GPS data files.

**ELO 012.01:**

1. **Performance:** Describe general geodesy principles
2. **Conditions:** Given:
  - a. Orders;
  - b. ADP and ancillary equipment;
  - c. Current software and GIS extensions; and
  - d. GPS data sets.
3. **Standards:** Explain general geodesy by:
  - a. Identifying the basic terms and concepts for geodesy;
  - b. Explaining the earth's dimensions;
  - c. Describing positioning techniques; and
  - d. Explaining projections.
4. **Assessment:** 30 question multiple choice theory test.
5. **Instructional Strategy:**

Content	Method & Time		References
<b>Identify geodesy terms and concepts</b>	Lecture	50 min	A: Chap 1, Page 5-7
TP1 Introduce the concept of geodesy			
TP2 Define of Geodesy;			
TP3 Explain Pythagoras theory and the use to measure the circumference of the earth			
TP4 Eratosthenes theory used to measure the circumference of the earth.			
<b>Explain the earth's dimensions</b>	Lecture	100 min	A: Chap 2, Page 29-35
TP1 Explain the shape of the earth;			
TP2 Explain Measurement Parameters			
TP3 Define Ellipsoids, Geoids and Spheroids.			
<b>Describe horizontal positioning techniques</b>	Lecture	100 min	A: Chap 4, Page 49-71
TP 1 Outline horizontal and vertical Positioning on the Earth's surface;			
TP2 2D and 3D Cartesian Coordinate System			
TP3 Types of Horizontal Positioning;			

Content	Method & Time		References
TP4 Polar coordinates, Azimuth, and Bearing Direction Coordinates;			
TP5 True, Grid, and Magnetic North;			
TP6 Curvilinear Coordinate System			

TP7 Time (hours-min-sec)			
TP8 Triangulation, Trilateration, and Traversing; and.			
TP9 Explain the earth's dimensions			
<b>Describe vertical positioning</b>	Lecture	100 min	A: Chap 5, Page 36-45
TP1 Explain Vertical Positioning on the earth's surface			
TP2 Identify 4 Types of Vertical Positioning			
TP3 Describe precise levelling, trigonometric measurement, barometric and echo sounding			
TP4 Outline Trigonometric Height Measurement			
TP5 2D and 3D Cartesian Coordinate System			
<b>Explain projections</b>	Lecture	100 min	A: Chap 4, Page 49-71
TP1 Identify projection characteristics: area, shape, direction, scale;			
TP2 Differentiate projection characteristics: area, shape, direction, scale;			
TP3 Identify types of projections azimuthal, conic, cylindrical;			
TP4 Differentiate projection characteristics: azimuthal, conic, cylindrical;			
TP5 Explain Point of Light Origin (orthographic, stereographic, sinusoidal, mercator, globular).			
<b>Geodesy Test</b>	Test	70 min	
<b>Geodesy Debrief</b>	Debrief	30 min	
<b>Total Time:</b>		550 min	

6. **Depth of Knowledge:200**

7. **References:** A. Kaula, M. (2000). Theory of Satellite Geodesy: Applications of Satellites To Geodesy.

8. **Limitations:**

9. **Resources:**

- a. White board;
- b. Globe; and
- c. Projection System
- d. Student Handout – Geodesy Backgrounder - Handout

Ακριβές αντίγραφο

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