ΜΕΡΟΣ Α: ΚΑΘΟΡΙΣΜΟΣ PERFORMANCE OBJECTIVES (POs)

CYCLE – BLOCK CONTROL DOCUMENT

CYCLE/BLOCK TITLE:	

PART- 1: PERFORMANCE OBJECTIVES (POs)

PO 1:

1. **Performance Statement**.
2. **Conditions**:
3. **Standards**.
4. **Proficiency Level.**

PO 2:

1. **Performance Statement**.
2. **Conditions**:
3. **Standards**.
4. **Proficiency Level.**

PO 3:

1. **Performance Statement**.
2. **Conditions**:
3. **Standards**.
4. **Proficiency Level:**

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 ΤΟΥΣ ΟΡΙΣΘΕΝΤΕΣ POs

CYCLE – BLOCK CONTROL DOCUMENT - PROGRAMME OF CLASSES

PO 1:

ELO 1.1:

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

Content	Method & Time		References
a. Lesson Title:			
TP 1			
TP2			
TP3			
TP4			
TP5			
b. Lesson Title:			
TP 1			
TP2			
TP3			
TP4			
TP5			
c. ***Lesson Title:***			
TP 1			
TP2			
TP3			
TP4			
TP5			
Total Time:			

6. **Depth of Knowledge**:
7. **Limitations:**
8. **Resources:**

	CYCLE – BLOCK					
	Performance Objective					
Serial	**Enabling/Learning Objective Performance statement**	**Conditions**	**Standards**	**Teaching Points (TP)**		
				Lesson Title	**Method & Time**	**References**
ELO 1.1						
ELO 1.2						
ELO 1.3						
ELO 1.4						
Resources:						
References:						
Assessment:						
Limitations:						
Remarks:						

Καθοδήγηση – Ορισμοί για την Υποβοήθηση του Έργου του Διδακτικού Προσωπικού

PO 1: *Insert the performance statement describing what a learner will be able to do upon completion of a specified Performance Objective (PO).*

ELO 1.1:

9. **Performance:** *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.*
10. **Conditions**: *A list of the conditions which describe the situation in which learning will occur.*
11. **Standards**: *Defines the level of proficiency that determines if the required level of learning is achieved.*
12. **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?*
13. **Instructional Strategy:**

Content	Method & Time		References
*a. **Lesson Title:** A label assigned the 1st grouping of teaching points (TPs)*	*Identify methods*	*An estimate of the time*	*Links content to a source*
TP 1			
TP2			
TP3			
TP4			
TP5			

b. ***Lesson Title:*** *A label assigned to a 2nd grouping of TPs*			
TP 1			
TP2			
TP3			
c. ***Lesson Title:*** *A label assigned to a 3rd grouping of TPs*			
TP 1			
TP2			
Total Time:			

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

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
Identify geodesy terms and concepts	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.			
Explain the earth's dimensions	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.			
Describe horizontal positioning techniques	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			
Describe vertical positioning	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			
Explain projections	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).			
Geodesy Test	Test	70 min	
Geodesy Debrief	Debrief	30 min	
Total Time:		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