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| **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:**

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

1. **Depth of Knowledge**:
2. **Limitations:**
3. **Resources:**
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|  | **CYCLE – BLOCK**  |
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| **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:** 1. **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.*
2. **Conditions**: *A list of the conditions which describe the situation in which learning will occur.*
3. **Standards**: *Defines the level of proficiency that determines if the required level of learning is achieved.*
4. **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?*
5. **Instructional Strategy:**

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| **Content** | **Method & Time** | **References** |
| 1. ***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* |  |  |  |
| 1. ***Lesson Title:*** *A label assigned to a 2nd grouping of TPs*
 |  |  |  |
| *TP 1* |  |  |  |
| *TP2* |  |  |  |
| *TP3* |  |  |  |
| 1. ***Lesson Title:*** *A label assigned to a 3rd grouping of TPs*
 |  |  |  |
| *TP 1* |  |  |  |
| *TP2* |  |  |  |
| **Total Time:** |  |  |  |

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

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| **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:
	1. Orders;
	2. ADP and ancillary equipment;
	3. Current software and GIS extensions; and
	4. GPS data sets.
3. **Standards**: Explain general geodesy by:
	1. Identifying the basic terms and concepts for geodesy;
	2. Explaining the earth’s dimensions;
	3. Describing positioning techniques; and
	4. Explaining projections.
4. **Assessment**:30 question multiple choice theory test.
5. **Instructional Strategy**:

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| **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; |  |  |  |

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| **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 |  |

1. **Depth of Knowledge**:**200**
2. **References:** A. Kaula, M. (2000). Theory of Satellite Geodesy: Applications of Satellites To Geodesy.
3. **Limitations**:
4. **Resources**:
	1. White board;
	2. Globe; and
	3. Projection System
	4. Student Handout – Geodesy Backgrounder - Handout

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