



ΕΞΟΠΛΙΣΜΟΣ & ΛΟΓΙΣΜΙΚΟ ΘΕΣΕΩΝ ΕΡΓΑΣΙΑΣ
Ενημέρωση: Ιανουάριος 2020

ΘΕΣΕΙΣ ΕΡΓΑΣΙΑΣ ΕΡΓΑΣΤΗΡΙΑΚΩΝ ΑΙΘΟΥΣΩΝ Λ28 & Λ26

Λ28 (Μεγάλη Αίθουσα): Τριάντα (30) σταθμοί Dell Studio XPS Intel i7 2.8 GHz, RAM 4GB, HD 500GB, VGA 512 MB AGP, DVD-RW, Ethernet Gigabit, 18.5" TFT monitor.

Λ26 (Μικρή Αίθουσα): Είκοσι πέντε (25) σταθμοί Dell Optiplex Intel i5 3.3 GHz, RAM 8GB, HD 500GB, VGA Radeon R7 250, DVD-ROM, Ethernet Gigabit, 21.5" TFT monitor.

Λειτουργικό Σύστημα σε όλους τους σταθμούς εργασίας: Windows 7 Enterprise 64bit

Εγκατεστημένες εφαρμογές στους σταθμούς εργασίας

GIS, Cartography & 3D

| | |
|-------------------------|--|
| ESRI ArcGIS 10.3 | (GIS suite to author, analyze, map, manage, share, and publish geographic information) |
| QGIS | (Open source GIS suite - Create, edit, visualise, analyse and publish geospatial information) |
| Grass | (Open source GIS software suite used for geospatial data management and analysis, image processing, graphics and maps production, spatial modeling, and visualization) |
| GeoMapApp | (Earth science exploration and visualization application) |
| GeoSegregation Analyzer | (open-source software for calculating residential segregation indices) |
| OpenJUMP | (Open source GIS software) |
| Surfer 9 | (3D visualization, contouring and surface modeling) |
| DM | (Λογισμικό για το μάθημα της Ψηφιακής Χαρτογραφίας) |
| COORD_GR | (Λογισμικό μετατροπής συντεταγμένων) |
| Google Earth | (Open source Virtual globe, map and geographical information program) |
| S-Distance | (Open source Spatial Decision Support System, mainly focused on location-allocation analysis) |
| GNSS | (GPS data processing) |

Remote Sensing & Photogrammetry

| | |
|---------------------|--|
| ERDAS 2011 Imagine | (Remote Sensing and raster graphics editor) |
| ERDAS 2011 ERMapper | (Geospatial and Image Analysis) |
| ESA SNAP | (The SNAP architecture is ideal for Earth Observation processing and analysis) |
| Opticks | (Open source Remote Sensing and image analysis software) |
| e-Cognition 8 Trial | (Object oriented image analysis) |
| PHOTOMOD | (Remote sensing data photogrammetric processing) |
| WhiteBoxGAT | (Open source desktop GIS and remote sensing software package for general applications of geospatial analysis and data visualization) |
| Cyclone 8 | (3D Point Cloud Processing Software) – Μή διαθέσιμο προσωρινά. |

Topography & CAD

| | |
|----------------------------|---|
| AutoCAD Civil 3D 2008 | (2D and 3D CAD design, drafting, modelling, architectural drawing and Civil 3D) |
| AutoCAD Raster Design 2008 | (Raster to vector tools in AutoCAD® Raster Design software can help you convert raster images into DWG™ objects. Edit, enhance, and maintain scanned drawings and plans in a familiar AutoCAD environment.) |
| Survey 6.5 | (Ραπορτάρισμα σημείων και απόδοση τοπογραφικών ή πολεοδομικών σχεδίων ή τμημάτων χάρτη) |



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Transport Software (Λογισμικά Οδοποιίας – Συγκοινωνιακά)

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| ΟΔΟΣ 8.1 | (Λογισμικό μελετών οδοποιίας) |
| Aimsun 7.0 | (Transport modeling-simulation) |
| AutoTurn | (Vehicle Turn Simulation Software for Modeling Basic Maneuvers) |
| ParkCAD | (CAD-based software for designing, checking, and editing all types of parking layouts) |
| Torus | (Software for Modern Roundabout Planning and Design) |
| Mezzo | (Mezzo is a discrete-event traffic simulation model that simulates road traffic) |

Geography & Environmental Sciences

| | |
|------------------|---|
| Definite | (Decision support software package that has been developed to improve the quality of environmental decision making) |
| Multipol & NAIAD | (Multicriteria application για το μάθημα της Οικονομικής Γεωγραφίας) |
| HEC-HMS | (The Hydrologic Modeling System (HEC-HMS) is designed to simulate the complete hydrologic processes of dendritic watershed systems) |

Numerical Computing & Statistics

| | |
|--------------|--|
| Matlab | (Numerical computing environment and fourth-generation programming language) |
| Maxima | (Computer algebra system that specializes in symbolic operations but it also offers numerical capabilities) |
| Octave | (GNU Octave is a high-level interpreted language, primarily intended for numerical computations. It also provides extensive graphics capabilities for data visualization and manipulation) |
| R & R Studio | (R is a language and environment for Statistical computing and graphics) |

Επεξεργασία γραφικών και εικόνας

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|---------------------|---|
| Adobe Photoshop CS5 | (Image editing software) |
| Corel Draw X3 | (Graphic desing software) |
| Gimp 2.8 | (Free image manipulation program) |
| Inkscape | (Inkscape is professional quality vector graphics software) |
| Irfanview | (Free image viewer with basic editing capabilities) |

Programing Languages and Tools

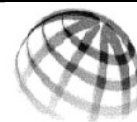
| | |
|-----------|--|
| Dev-C++ | (Bloodshed Dev-C++ is a full-featured Integrated Development Environment (IDE) for the C/C++ programming language) |
| Notepad++ | (Text editor including basic Integrated Development Environment (IDE) features) |
| Geany | |

Office Suites & Document Files Manipulation

| | |
|------------------------|---|
| Ms Office 2007 Pro | (Office Suite) |
| Libre Office 5 | (Open source Office Suite) |
| Google Docs | (On line office suite via cloud based storage service Google Drive) |
| Foxit PDF Reader-Maker | (Free PDF reader-maker) |

Web Browsers

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|-------------------|
| Internet Explorer |
| Mozilla Firefox |
| Google Chrome |



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Άλλο Λογισμικό

ImgBurn

(Λογισμικό αντιγραφής αρχείων σε CD-DVD)

WinSCP

(Λογισμικό απομακρυσμένης σύνδεσης SSH-FTP-SFTP)

OpenVPN

(Software application that implements virtual private network (VPN))

putty

(Open source terminal emulator)

7Zip

(Λογισμικό συμπίεσης αρχείων)