

CURRICULUM VITAE

First Name: Konstantinos
 Surname: Ninikas
 Address: 29 Harilaou Trikoupi str., 42100 Trikala, Greece.
 Tel: +30 2441080658, +30 2441080032 (ext 300) mobile: +30 6974481086
 Email: kninikas@teilar.gr
 Skype ID: kninikas

EDUCATION

Sept.1991 – Jul.1995: BEng (Hons). Mechanical Engineer.
 Technological Educational Institute (TEI) of Larissa Greece.

MEMBERSHIPS

Member of the American Society of Mechanical Engineers. ASME (www.asme.org)
 Member of the Greek Society of Mechanical Engineers. EETEM (www.eetem.gr)

WORK EXPERIENCE

Nov. 2008 to present:

Technological Educational Institute (TEI) of Thessaly (former Larissa), Karditsa Campus (www.teilar.gr)
 Mechanical Engineer of the department: Design & Technology of Wood & Furniture (Karditsa) (www.wfdt.teilar.gr)
 Mechanical Engineer Manager for the R&D projects of: a) wood curving machine, b) steam chamber, c) impregnation chamber.

Member of the research team in the following projects: a) Experimental verification and testing of Belmandur™ modified wood, b) Product control of the contained formaldehyde in the wood construction industry, c) GSF project: Design and construction of green smart furniture,

Head of the research team in the following projects: a) Children's cot tests according to the EN 716-1 & EN 716-2, b) Bunk beds tests according to the EN 747-1 & EN 747-2

Redaction of technical and test reports, specifications, device operation protocols, manuals and drawings for all the running projects.

March 2009: One week training course on programming VAL 3 CS8 Staubli robotic arm.

September 2011: One week attendance in the International Course on Renewable Energies in the framework of Erasmus at the Eberswalde University for Sustainable Development in Germany with 10 hours of lectures.

Member of the department's testing and certifying new materials team.

Member of a team who participates to conference trips within the European Community.

Lecturer of the modules: "CAD-CAM I" for 2010 & 2013 "Metallic elements for furniture" for 2011, 2012, 2013, "Technology of timber constructions I" (houses, windows and floors made from timber) for 2013, and "Technology of timber constructions II" (Outdoor timber structures) for 2013.

2005 to 2008: Self employed contractor mechanical engineer

- **Mar.-Nov. 2008: TYR.A.S. milk & cheese factory (Trikala)** (www.tyras.gr)

I was reporting direct to the project director and I was responsible for:

- a) Member of a technical team for the sensitive environmentally project of controlling and managing the water waste after producing the dairy products.
- b) Carrying out the concept design and implementation of a new coding (search & find-parts) method, with new search fields to describe spare parts with multiple ways.
- c) Development of a database connected to store vendor with automatic ordering and stock alerts.

- **Oct.-Dec. 2007: 4-PLAY CAFÉ (Trikala).**

Member of the construction team liaison with the client, local authorities, and sub-contractors.

Design and supervise of the Mechanical and Electrical building services.

Prepare of technical reports and drawings.

- **May-Sep. 2007: Postal Savings Bank, Branch of Karditsa (Karditsa)** (www.ttbank.gr)

Member of the Construction team liaise with consultants, client, sub-contractors.

Renovate and expansion of the existing bank to a newly acquired space next to the existing. All the works (the project) completed in parallel and continuous operation of the Bank. Installation of AC (air conditioning) heat exchangers.

Site surveys, inspections and quality reviews.

Incorporate in the execution of the project quality, safety and environmental objectives.

- **Feb.-Apr. 2007: ROAD CAFÉ TRAVEL BOOKSTORE (Athens)** (www.travelbookstore.gr)

Project Manager.

Refurbish of an old bookshop to a new modern cafe - bookshop in the centre of Athens. (Solonos str.)

Liaise with local authorities for the building warrant. Promote and incorporate sustainable design.

Work with other disciplines such as Architects and Structural Engineers.

Supervise of the construction checking the quality of materials and work.

- **Oct.2005 – Dec.2006: OFF ROAD RESTAURANT “THE MALL ATHENS” (Athens)** (www.themallathens.gr)

Project Manager.

Report directly to the client and to Mall's authorities for the progress at all stages of the project.

Conduct design quality reviews/audits as required.

Ensure the implementation of the engineering standards relating to mechanical building services and local authorities manuals.

Supervise of all the construction teams and the designers during the construction of the restaurant.

Maintenance and operation of heat exchangers and HVAC (Heat Ventilation Air Condition) systems. Assist in the production of Tenders. Represent the client during the maintenance period after completion of the works.

Nov.2000 – Oct.2005: “Domi” Publishing S.A. (Athens)

Mechanical engineer.

Research and organise at all stages of production of travel guides, books and maps of the company.

Production engineer manager during the preparation and the printing of company's products (books, maps, etc.)

Use of GIS software for map data updates. Research, in order to present new products with non-rumple and non-torn paper (for maps). Prepare of technical reports and specifications for all the company's products.

Responsible for all the work and the reports to the Greek Patent Office (www.obl.gr) in accordance with the EPO (European Patent Office) for implementing a new one-body book & map product.

Company's Representative at the: a) International Book Fair in London in March 2001 and 2002.

b) Workshop - exhibition of products and GIS programs in London in October 2001 with applications in paper production.

c) Printing products diligence in Trento, Italy in February 2002.

Jan.1999 – Nov.2000: “Ch.K. TEGOPOULOS Publishing Inc.”. “ELEFHEROTYPIA” Newspaper (Athens)

(www.enet.gr)

Mechanical engineer. (Project manager)

In this new newspaper's factory, I had to oversee, and co-ordinate the Engineers and Technicians collaboration on the project “Installation of the new printing and binding machineries”, from an international team of experts.

Also after the completion of this project I was the Section Mechanical Engineer for the binding machines.

I also had seminars on heat exchangers for the factory's AC (air conditioning) units.

Company's representative for a ten day training in Allentown, (New York City) in the central Binding units' plant of GMA - MULLER MARTINI and for a week in Germany in the central Printing units' plant of KBA.

Sept.1997 – Dec.1998: “Panayiotis Spyropoulos” ENGINEERING COMPANY MECHANICAL AND ELECTRICAL CONSULTANTS AND CONSTRUCTORS LTD (Trikala).

Design engineer

Carrying out building services design on a variety of buildings within different sectors like housing, commercial buildings and schools. Maintenance and operation of HVAC systems.

Installation of Geothermal pumps, and general knowledge of Heat Exchangers.

Fire Engineering design. Assist in the production of fee estimates and bids. Site supervise and preparation of technical reports. Deal with sub-contractor and suppliers and knowledge of building construction methods.

May-Aug. 1997 “CAMPING CLUB AGIA ANNA” (Evia island)

Orders and inventory management. Organize tour bike racing and recreational activities.

Sep.2005 – March.2007: Military service
Marine Corps Forces, operator of communications.

COMPUTER KNOWLEDGE

Excellent user of Microsoft suite and AutoCAD

CONTINUOUS PROFESSIONAL DEVELOPMENT

I am maintaining my professional development by participating in seminars, webinars (seminars threw internet) and lectures every year. Some of the most interesting events were the following:

Webinars:

2013: Renewable energy, sustainable mobility, 3D Printing.

Seminars:

October 2010: One week seminar in Koln Germany in "Akso Nobel" regarding new technologies in paints for furniture and windows.

26.11.2010: Building with wood. "The use of the timber in the modern construction, Bioclimatic architecture"

01.14.2005: "Young Entrepreneurs". Seminar for business action plan "Competitiveness". Ministry of Development.

1997: Quarter engineering seminar on development and local government (Draft KAPODISTRIAS).
Ministry of Interior. Greek Society for Local Development and Local Government (600 hours).

FOREIGN LANGUAGES

GREEK:

Native speaker

ENGLISH:

Excellent speaker 2011: Proficiency in English - Michigan University (Degree: B)

SPANISH:

Medium level

FRENCH:

Starter

OTHER INFORMATION

1988 - 1997: Studies of classical guitar, participating in orchestras.

2003 - 2005: Studies of classical symphonic percussions orchestra at the Municipal Conservatory of Moshato Athens.

2012 - 2013: Teacher of percussions in a conservatory in Karditsa.

- Participation in CAMEL TROPHY 1997 Mongolia. (Greek Semi-finals)
- Participation in the Greek team of MARLBORO ADVENTURE TEAM 1998, UTAH, USA
- Participation in the race "Evathlos" 1999 mountain bike. (Aos Mountain, northern Greece)
- Participation in CAMEL TROPHY 1999 Terra Del Fuego. (Qualifying round)
- Participation in CAMEL TROPHY 2000 Samoa-Fidgi. (Qualifying round)
- Participation in the Greek team of MARLBORO ADVENTURE TEAM 2000, UTAH, USA (cover team)

8-13 June 2010: Participation in the exhibition "nothing wasted" in Thessalonica's National Museum of Modern Art.

25 designers created and exhibited projects from recycled materials, from clothes to installations.

My participation was a freestanding light from cardboard boxes and refreshment glass bottles.

INTERESTS

Music, travels, hiking, mountain-biking, constructions and photography.