

## CURRICULUM VITAE

**Eleni-Orsalia Sklavounou**  
**Mechanical Engineer, MSc, PhD cand.**  
**Lecturer of Industrial Design and Production Engineering Dept.**

### **Personal Data:**

Date of Birth: 06/10/1976  
Place of Birth: Athens  
Nationality: Greek  
Marital status: Married  
No of children: 2  
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### **Languages:**

Greek: Native language  
English: Excellent – Education language  
French: Very good - Certificat de la langue française  
German: Moderate  
Spanish: Elementary level

### **Education:**

*1994* 2nd High School of Megara (18 7/10)  
*1999* Mechanical Engineering of TEI Piraeus (Grade “Very Good” - 7,0)  
*2006* National Technical University of Athens, Dept. of Mechanical Engineering, stream of Production and Management Engineer  
*2011* MSc in “Information Technology with Management” from the University of the West of Scotland, Glasgow  
*2018 - today* PhD Candidate at UniWA, School of Engineering, Dept. Of Industrial Design and Production Engineering  
dissertation: “Managing Uncertainties and Risks of MEGA-Projects”

## **Professional Experience:**

*2006-2018*

I worked as a freelance Mechanical Engineer and I ran my Technical Office in the city of Megara, Greece. I mainly dealt with drafting studies, design, supervision and construction of Electro-mechanical installations and Construction works from the private sector. Moreover I prepared Energy studies, Feasibility studies, compile supporting documents for the issuance of building permits and I deal with issuing operating licenses for retail stores, businesses, professional laboratories, small firms, small and large industries, nursery schools, playschools, residential buildings, electrical substations and units.

In detail:

- Studies and supervisions of Hydraulic Installations
- Studies and supervisions of Heating Gas Installations
- Studies and supervisions of Climate Control Installations
- Studies and supervisions of Heating-Thermo hydraulic Projects
- Studies and supervisions of Geothermal Heating Installations
- Studies and supervisions of Electrical Installations
- Studies of Electric Generating Sets
- Studies and supervisions of M/V Substation Installations
- Lighting designs
- Studies and supervisions of Lift Installations
- Studies and supervisions of Fire Security and Fire Protection Installations
- Studies and supervisions of Ventilation Installations
- Studies and supervisions of Small Scale Biological Treatment Plants
- Studies and supervisions of poultry, livestock and agricultural waste treatment facilities
- Studies and supervision of Biogas and Electricity production facilities, from poultry, livestock and agricultural
- Studies and supervision of Mild energy installations (solar, photovoltaic parks, wind turbines)
- Environmental impact studies
- Energy studies for residences, industries, craft and poultry farms with the aim of saving energy and Energy Certificates issuing
- Feasibility studies for financing and subsidizing industrial, craft and agricultural enterprises
- Studies on Products storage and distribution (logistics)
- Studies for the issuance of establishment and operation licenses of shops, industries and crafts, schools, nurseries, poultry farms and agricultural units

*2007-2011*

I was occupied as a Technical Advisor and as a Safety Technician in several firms and businesses.

*2012-2018*

Since September of 2012 until September of 2018, I had a Design License and prepared Public Projects of category 9 (Mechanical - Electrical Studies) and 14 (Energy Studies)

## Teaching Experience:

- 1999-2001* Since October 1999 I was a **Laboratory Associate** of the Technological Educational Institute of Piraeus in the Program of the Department of Automation in the laboratory "Hydraulics - Pneumatics ACS".
- 2000-2013*  
*2014-2015*  
*2017-2018* From October 2000 to July 2013 I was a part-time **Laboratory Associate** at the Technological Educational Institute of Piraeus and taught the students of the Department of Automation Engineering the course of "Technical Drawing" (Mechanical drawing), as well as theory and practice of "Applied Engineering" (Machine Tool Operation, CNC Technology, programming in APT language and G code language, machine tools, lathes, milling machines, etc., production processes and production automation).  
From November 2014 to February 2015 I was a **Laboratory Associate** in the laboratory "Hydraulics - Pneumatics ACS". In addition, during the winter semester 2017-2018 I was a **Laboratory Associate** in the laboratory "Traffic Control" and in the laboratory "CAD-CAM" of the University of Piraeus T.S.
- 2013-2014*  
*2015-2018* From October 2013 to March 2014 I was a **University Scholar** at the Department of Automation Engineering of the TEI Piraeus teaching the course of "Technical Drawing" (Mechanical drawing). From November 2015 to February 2018 I was a **University Scholar** in the Department of Automation Engineering of ATEI Piraeus TS assisting in the laboratory "Hydraulics - Pneumatics ACS".
- 2018 - today* From October 2018 until today I am a Lecturer at the Dept. of Industrial Design and Production Engineering of the University of West Attica and I have, since then, undertaken the teaching of the **undergraduate courses** "Engineering", "Technical Engineering and Design", "Technical Engineering I", "Technical Engineering II", "Technical Drawing", "Mechanical Drawing", "Design and Planning of Supply Chain Systems (Logistics)" and "Transportation Systems Management".  
Also since March 2018 I participated as a laboratory assistant undertaken the teaching of the **postgraduate course** "Automation in Industrial Production-Mechatronics" of the MSc Program Automation in Production and Services" run by the Dept. of Industrial Design and Production Engineering.

2011-2012	From November 2011 to July 2012 I was a part-time laboratory associate of the School of Engineering of the Merchant Marine Academy of Aspropyrgos in the workshop, teaching technical applications and pipe installations. From October 2015 to July 2016 I was a research associate at the School of Engineering of AEN Aspropyrgos in the courses Marine Engineering, Internal Combustion Marine Engines. From October 2016 to July 2018 I was a part-time laboratory associate of the School of Engineering of AEN Aspropyrgos teaching Engine room Installations, Welding Techniques, Lathe applications, Refrigeration facilities and Steam Engine generators.
2015-2016	
2016-2018	
1999-2015	Part - time instructor in secondary education in the specialties of thermo-hydraulics, car mechanics, gas technicians and CNC technicians.
2016-2018	

#### Participation in conferences with articles

- “Measuring Student Satisfaction Using Multicriteria Approach: The Case of Automation Department at TEI Piraeus”, A. Spyridakos, G. Psaromiligos, C. Iliopoulos, International Scientific Conference eRA – 6, September 2011
- “Risk Management in Big Maritime Projects”, E. Sklavounou, G. Chamilothis, N. Nikitakos, D. Papachristos, Annual Virtual Conference of Marine Technology-Navigating through Technological changes in Shipping, December 2020

#### Computer skills:

- **Microsoft Office** (Word, Excel, PowerPoint, Publisher, Access)
- **Win OS** 95/98/2000/PX/vista/7/10/11
- **Autodesk Autocad (Design)**
- **Solidworks CAD**
- **4M** (ADAPT-CALC- FINE – NG)
- **4M** (KENAK-GCAD)
- **4M** (ADEIA)
- **Lathe & mills programming software CNC** (APT, G & M Codes)
- **Adobe Photoshop**
- **DIALux** of Phillips

#### Conferences

- International Conference on Sustainable Solid waste Management (28-29/6/2012)
- 2<sup>nd</sup> International Conference on Sustainable Solid waste Management (12-14/6/2014)
- Industrial Waste & Wastewater Treatment & Valorization (21-22/5/2015)
- 5<sup>th</sup> International Conference on Sustainable Solid waste Management (21-24/6/2017)

#### Participation in associations

Since 2006 I am a Member of the **Technical Chamber of Greece (TEE)**, of the Scientists Association of Megara and of the Association of Freelance Engineers of Megara.