



14/06/1999, Nikaia



Nikaia, 18453



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Spyros Kyrimis

PROFESSIONAL EXPERIENCE

09/2022-present: External Associate, NATIONAL TECHNICAL UNIVERSITY OF ATHENS.

Support in research & administrative activities and laboratory teaching on undergraduate courses. Business Game Expert. Laboratory of Industrial and Energy Economics (LIEE) of School of Chemical Engineering. Part-time. 3 noteworthy projects. RECOMMENDATIONS AVAILABLE.

07/2022-12/2022: Chemical Engineering Consultant, BREAK-EVEN CONSULTING, Energy and environmental strategy issues. Technology transfer and support for innovative entrepreneurship issues. Part-time. 8 noteworthy projects. RECOMMENDATIONS AVAILABLE.

07/2019 & 08/2022: Process Engineer, MOTOR OIL – CORINTH REFINERIES Inspection, maintenance, operation, design and processing issues at Fluid Catalytic Cracking (FCC) section. Internship. RECOMMENDATIONS AVAILABLE.

10/2021: Chemical Engineer, PPC KERATEA-LAVRIO STEAM POWER STATION Quality control, and design issues at Chemical Technology and Environment section. Mandatory degree internship.

EDUCATION

10/2017-06/2022: NTUA, School of Chemical Engineering MEng Degree. Grade: 9.04/10. Rank: Top 7.5% of 2022 graduates. Process design flow. 6 noteworthy projects.

09/2014-06/2017: Ionideios Model High School. Grade: 18.8/20.

FOREIGN LANGUAGES

English (professional, C2 ECPE Certificate), German (limited, B2 Goethe Zertifikat)

MILITARY DUTIES

01/2023-01/2024: Hellenic Army Ground Forces. Communications Corps. Pending tenure.

VOLUNTARY EXPERIENCE

04/2020-present: Guitar teacher. Experience on 3 students.

06/2018-present: Teacher. High school Mathematics/Physics/Chemistry and primary school Mathematics. Special treatment for unmotivated students. Experience on 9 students.

04/2022-10/2022: Assistant. Support of competition “Mega Green Innovation”, by MEGA Disposables & LIEE NTUA.

09/2022: Speaker. Welcome event for newcomers, NTUA School of Chemical Engineering

03/2019-06/2022: Coordinator. Support of website “Forum of Chemical Engineering NTUA”.

10/2018-05/2022: Laboratory assistant. Support on 6 undergraduate courses. School of Chemical Engineering, NTUA. 2 noteworthy projects.

10/2017-06/2021: Basketball player. Member of amateur team. League experience.

04/2019: Research fellow. Athens Science Festival by SciCo, British Council & Technopolis of Municipality of Athens.

10/2016-06/2017: Choir director. Ionideios Model High School. Concerts and events organization.

SESSIONS & SEMINARS

06/2022: 13th Panhellenic Conference of Chemical Engineering, Patras

03/2018-05/2021: CHEMECON Seminars, Training Workshops & Networking, Athens

05/2019: 12th Panhellenic Conference of Chemical Engineering, Athens



- *Microsoft Office*
- *MATLAB*
- *SPSS*
- *ASPEN (Plus, HYSYS)*
- *AutoCAD*
- *Mathcad*
- *ALOHA*
- *Image-Sound-Video editing*
- *Social media*



- *Passion*
- *Adaptability*
- *Flexibility*
- *Initiative taking*
- *Perception & creativity*
- *Communicability*
- *Public speaking*
- *Teaching*
- *Travelling availability*

**Professional**

- *Industrial reactors & columns*
- *Waste-to-energy utilization*
- *Rankine & Brayton cycles*
- *Data analysis & mathematical modeling*
- *Technoeconomic analysis & investment evaluation*
- *Automatic control*
- *Design & optimization*

Personal

- *Music*
 - *Guitar*
 - *Piano*
 - *Drums*
 - *Singing*
 - *Instrumentation*
 - *Sound engineering*
- *Sports*
 - *Basketball*
 - *Football*
 - *Table tennis*
- *Self-improvement*

NOTEWORTHY PROJECTS

12/2022: Business game coordination and mentoring among undergraduate Business & Organizational Management and Accounting & Finance students, Teaching & Learning Support Centre, University of Peloponnese, Kalamata

11/2022: Analysis of Greek and German economic sector intangibles' intensity

11/2022: Development of strategic foresight workshop

11/2022: Technical consultant in matters of upgrading and expansion of waste treatment units, dirty sewage networks, digital upgrading of networks and new waste treatment units in industrial areas

10/2022: Entrepreneurship support mechanism of Region of Western Greece

09/2022: Action plan and prospects of green transition of a Metropolis by renewable energy resources and smart technologies utilization

07/2022: Investigation of the installation of a 1 MW power plant in the wider area of the Municipality of Patras

07/2022: Energy production unit through 3 MW power plant in Etoloakarnania, Business plan

07/2022: Treatment of digestate after anaerobic digestion of biowaste

07/2022: Technoeconomic analysis software development, Excel

07/2022: Utilization of residual forest biomass in northern Greece

06/2022: Development of a decision-making system for dealing with epidemiological risks based on system control techniques, Diploma thesis, supervision by Haralambos Sarimveis

06/2022: Energy systems applications (Industrial combined cycle power plants & Refrigeration cycles at home), Presentation to undergraduate NTUA Chemical Engineering students

04/2022: Business game coordination and mentoring among undergraduate Undergraduate NTUA Chemical Engineering students

02/2022: Utilization of coffee residues for the production of Biodiesel and Activated Carbon in Greece, Business plan

01/2022: Risk analysis and approval/rejection of company establishment in an industrial area, Safety study

01/2022: Optimization of non-isothermal reactors system, Process simulation in Excel

05/2021: Utilization of grain residues for the production of basic biorefinery biochemicals, Design study

01/2020: Acetone recovery from discharged air stream by freezing, Process simulation in Excel