University of Cyprus
Faculty of Engineering
Interdepartmental Postgraduate Programme
Energy Technologies and Sustainable Design

VACANT POSITION FOR SPECIAL SCIENTIST TEACHING POSITION

Title: Special Scientist (Teaching) Position

Number of positions: Two (2)

Category: Part-time Contract for the academic year 2025-2026, with potential for renewal

Place of employment: Faculty of Engineering, University of Cyprus, Nicosia

The Interdepartmental Postgraduate Programme «Energy Technologies and Sustainable Design» (IPP-ETSD) of the Faculty of Engineering at the University of Cyprus is now accepting applications for the filling of two (2) position of Specialist Scientist (Teaching) position. These positions are intended to meet teaching needs for the academic year 2025-2026 through part-time, fixed-term contracts (with a defined duration and the possibility of continued employment for the following year). Appointing successful candidates to fill the positions is subject to funding availability and the minimum student enrollment being met.

The positions relate to teaching the following postgraduate courses:

- **POL 604 Advanced Project: Capstone Design and Research Project I (6 ECTS)**
- **POL 704 Advanced Project: Capstone Design and Research Project II (8 ECTS)**
- **POL 804 Advanced Project: Capstone Design and Research Project III (10 ECTS)**

Please note that the employment is part-time and covers the Fall semester (15 weeks), Spring semester (15 weeks), and summer semester (8 weeks) of the 2025–2026 academic year, with the possibility of renewal.

The language of instruction is English. The course will be held every Wednesday at 18:00-21:00 on the university campus.

DUTIES AND RESPONSIBILITIES:

Definition of the Advanced Project, organization, supervision of work progress, and monitoring of the study for the laboratory course *"Advanced Project: Capstone Design and Research Project"* during the Fall, Spring, and Summer Semesters of the 2025–2026 academic year. The workload for the *Advanced Project: Capstone Design and Research Project* is expected to be heavier during April, while the Fall Semester begins with introductory, interdisciplinary sessions focusing on the theme of "Energy" and its relevance in various applications of engineering science. The goal is to establish a shared foundational knowledge among students of the Interdepartmental Program *"Energy Technologies and Sustainable Design."*

For the implementation of the Advanced Project, the Special Teaching Scientists will collaborate with Special Teaching Staff and faculty members of the Faculty of Engineering.

ESSENTIAL QUALIFICATIONS:

1. Doctoral level postgraduate degree in the field of Engineering and research activity on a related subject area.
2. Very good command of both English and Greek languages.

ADVANTAGES:

1. Practical experience in the field of Energy Efficiency of Buildings.
2. Teaching experience in higher education on a related subject area.
3. Academic excellence (books, publications in scientific journals).

TERMS OF EMPLOYMENT:

Special Scientist (PhD holder) remuneration is 68 euros (gross) per teaching hour, from which the employee's contributions to the various State Funds will be deducted. The average workload for the total 28 weeks of employment will be 3 hours per week. Remuneration will be paid monthly.

If an applicant is employed in the public or wider public sector of the Republic of Cyprus, they must obtain in advance permission to work at the University from the appropriate Department/Ministry, or wider public sector authority.

Applicants need not be citizens of the Republic of Cyprus. Applicants should, however, ensure, before applying, that if they are selected, they will reside in Cyprus on a full-time basis during the employment period; submission of the application implies acceptance of this condition. Acceptance of this term must also be explicitly stated in the letter of application.

Interested candidates should submit their application via the website https://applications.ucy.ac.cy/recruitment with the following documents:

1. Letter of motivation for this position.
2. Full CV (including contact address and telephone number).
3. Copies of degrees.
4. Indicative publications.
5. Contact details of at least two people qualified to provide recommendation for the candidate.

Applications with all necessary supporting material should not exceed 20 MB.

At least the top three (3) candidates that satisfy the required qualifications will be interviewed by the Academic Committee of the Program.

Applicants will be informed of the outcome of their application by the entity via email.

The selected candidate will be asked to provide certified photocopies of degrees from the Ministry of Education, Sports and Youth (in case of degrees from private schools/universities in Cyprus) or from the Issuing Authority (in case of universities abroad).

The deadline for submission of applications is **Friday, June 06, at 11.00 a.m.** For further information you can email energytech@ucy.ac.cy with the subject "Teaching Specialist Scientist Teaching Position – Fall Semester 2025-2025".

The University of Cyprus shall collect and process your personal data according to the provisions of the General Regulation on Personal Data 2016/679 (EU).

The University of Cyprus (UCY) is committed to promoting inclusivity, diversity, and equality, as well as to eliminating all forms of discrimination in order to provide a fair, safe, and pleasant environment for the entire university community, where students and staff members feel supported both in their professional and personal development, within and beyond their multiple identities. To this end, UCY seeks to create the necessary conditions that will encourage diversity and ensure respect and dignity both in the workplace and in society at large. Moreover, UCY has adopted specific policies to promote equal opportunities, as well as respect and understanding of diversity, and it is committed to promoting and maintaining a working, teaching, and learning environment free from any form of discrimination, whether direct or indirect.

Course Description

Course Title	**Advanced Project: Capstone Design & Research Project I, II, III**				
Course Code	**POL 604, POL 704, POL 804**				
Course Type	Compulsory				
Level	Post-graduate				
Year / Semester	1st year / Winter, Spring, and Summer				
Teacher's Name	Special Scientists				
ECTS	8	Lectures / week	3	Laboratories / week	3
Course Purpose and Objectives	The holistic design approach of the energy projects and the implementation of the theoretical and practical knowledge that the students gain in their post-graduate studies, under the realistic working conditions.				
Learning Outcomes	Understanding the synergies and values that emerge from the involvement of different engineering tracks on the design of an energy project and the optimization of its deliverables as an outcome of the synthetic approach.				
Prerequisites	-	Required	-		
Course Content	The Capstone Design consists of topics that reflect the interdepartmental character of the Program, as well as topics concerning the collaboration of students in real conditions to the extent possible. Students are divided into groups and undertake the design of a project according to predetermined requirements. The work is shared and the knowledge gained by students through the courses offered throughout the program is implemented in conditions of a project design. In this way, students are better prepared to apply their				

	knowledge into practice and gain experience from participating in a larger group where, while the workload is divided, all students work together towards the common objective of the Design Project integration.
Teaching Methodology	Lectures
Bibliography	– Watson, D. (ed.) "The Energy Design Handbook." The American Institute of Architects. Washington, DC. 1993 – Brown G.Z., DeKay M., "Sun, Wind, and Light", Wiley and Sons, 2014 – ANSI/ASHRAE Standard 55-2013: Thermal Environmental Conditions for Human Occupancy. Atlanta: American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., 2013. – EN ISO 7730 Ergonomics of the thermal environment - Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria, 2005 – Brager, G. S., de Dear, R. J.: "Thermal adaptation in the built environment: A literature review", Energy and Buildings 27, 1998 – Givoni B., "Comfort, climate analysis and building design guidelines", Energy Build, 18 (1) (1992), pp. 11-23. – Poirazis H., "Double Skin Façades. A Literature Review", Lund Institute of Technology, 2006 – Lee E., Selkowitz S., Bazjanac V., Inkarojrit V., Kohler C., "High-Performance Commercial Building Façades", University of California, 2002 – Passe U., Battaglia F., "Designing Spaces for Natural Ventilation: An Architect's Guide", Routledge, 2015 – Bauer M., Mösle P., Schwarz M., "Green Building – Guidebook for Sustainable Architecture", Springer, 2009 – Davey P. (Ed). "Engineering for Finite Planet", Birkhauser,2009 – Harris, J., Wigginton, M. "Intelligent Skin", Oxford: Architectural Press, 2000. – Pinteric, M. Building Physics. Springer 2017, ISBN: 978-3-319-57483-7. – von Bockh, P., Wetzel, T. Heat Transfer, Basics and Practice. Springer 2012, ISBN: 978-3-642-19182-4. – Fabbri, K. Indoor Thermal Comfort Perception, ISBN: 978-3-319-18651-1. – Carlucci, S. Thermal Comfort Assessment of Buildings, ISBN: 978-88-470-5238-3.
Assessment	Individual assignments and group assignment (3-4 students).
Language	English