

## FRAMEWORK INTERNSHIP PROGRAM FOR THE FIELD OF STUDY **ELECTROMOBILITY general academic profile – semester 4**

The workplace hosting the student for professional internship appoints a company supervisor to whom the student-intern will be subordinate. Internship completion means that the student has achieved the following learning outcomes based on knowledge, skills and relevant competences:

### I. The degree of achievement of learning outcomes in the field of KNOWLEDGE:

1. The student has a general knowledge of life cycle, design and operation of hybrid and electric vehicles and the infrastructure to power and charge them; knows and understands how they work.
2. He/she knows and understands the processes occurring in the life cycle of electrical and electronic systems making up electromobility systems.
3. He/she knows and understands the fundamental dilemmas of modern civilization related to mass use of electromobility; he/she is familiar with the latest development trends related to the studied field.
4. He/she has the fundamental knowledge necessary to understand social, ethical, economic, ecological, legal and other non-technical determinants of engineering activities.
5. He/she has basic knowledge of the management and creation, conduct and development of business activities related to the given qualification.
6. He/she has basic knowledge in the area of patents and the application of copyright law, the Personal Data Protection Act, as well as industrial and intellectual property.

### II. The degree of achievement of learning outcomes in the field of KNOWLEDGE:

1. He/she is able to test and diagnose simple systems and devices in the area of electromobility and operate them in accordance with requirements and technical documentation.
2. He/she can, using appropriately selected methods and tools, critically analyze and evaluate the functioning of existing technical solutions in electric and hybrid vehicles as well as the infrastructure intended for their power supply and charging .
3. Based on the technical documentation, using the right methods, tools and materials, he/she can build and start typical electrical and electronic systems and devices used in electromobility.
4. He/she knows how to prepare and deliver a presentation on a task from the field of study, communicates using specialized terminology, presents and justifies various opinions and positions.
5. He/she knows how to plan and organize individual and team work (including development and implementation of a work schedule ensuring deadline compliance), applies the principles of occupational health and safety, and can work in interdisciplinary teams.

### III. The degree of achievement of learning outcomes in the field of SOCIAL COMPETENCES:

1. He/she knows how to think and act in an entrepreneurial way in the area of electromobility.
2. He/she is aware of the importance of his own work and the need to comply with the principles of professional ethics, is ready to comply with the principles of teamwork and take responsibility for jointly carried out tasks, also to take care of the achievements and traditions of the profession.