Faculty of Automation, Robotics and Electrical Engineering, Poznan University of Technology

FRAMEWORK INTERNSHIP PROGRAM FOR THE FIELD OF STUDY **AUTOMATION and ROBOTICS part-time studies, general academic profile - semester 6**

Completion of an internship 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 area of KNOWLEDGE:

1. He/she has practice-based knowledge of the curriculum for the field of automation and robotics, with emphasis on major subjects.
2. He/she is familiar with the current state and the latest development trends in the field of automation and robotics.
3. He/she has basic knowledge necessary to understand non-technical conditions of engineering activities and the process of automation and robotization in industry and households. He/she is familiar with the basic principles of occupational health and safety in industry.
4. He/she has knowledge of management, including quality management and business management.
5. He/she knows and understands basic concepts and principles of intellectual property protection and copyright law and knows how to use patent resources information.
6. He/she knows and understands general principles of creating and developing forms of individual entrepreneurship in the area of automation and robotics.

II. The degree of achievement of learning outcomes in the area of SKILLS:

1. He/she knows how to use knowledge in the curriculum for the field of automation and robotics, with emphasis on major subjects.
2. He/she knows how to read design technical documentation and simple technological schematics of automation and robotics systems.
3. He/she knows how to apply principles of occupational health and safety

   He/she knows how to identify and formulate a specification of simple engineering tasks in the field of automation and robotics

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

1. He/she is aware of the importance of non-technical aspects and effects of engineering activities, including their impact on the environment and the responsibility resulting from the decisions made. He/she is ready to take care of the achievements and traditions of the profession.
2. He/she is aware of the responsibility for his/her own work and shows willingness to comply with the rules of teamwork and to take responsibility for jointly

accomplished tasks. He/she knows how to lead a small team, set goals and determine priorities towards their implementation. He/she is ready to perform professional roles in a responsible manner.

3. He/she is ready to determine priorities towards implementation of tasks set out by themselves or others.
4. He/she is aware of the need to adapt a professional approach to technical issues, of meticulous familiarization with the documentation and environmental conditions in which devices and their components can operate. He/she ready to comply with the principles of professional ethics and require it of others, respecting diversity of views and cultures.
5. He/she is ready to think and act in an entrepreneurial manner.