



**“POLITEHNICA” UNIVERSITY OF TIMISOARA, ROMANIA
COMPETENCES OF UPT GRADUATE IN:**

Fundamental domain: Engineering Sciences

Master’s degree study programme:

**„ENGINEERING RELATIONSHIPS OF WORK, HEALTH AND WORK
SECURITY”**

(Bachelor degree: Mechanical engineering)

Crt. No.	Competences
1.	The master “Engineering Relationships of Work, Health and Work Security, ERWHWS” has the objective to assure the necessary employers in Romania, especially in the west region, personal training at a high level, having competences and specifically abilities to a complementary domain, highlighting the competences in domain of the didactical staff, some of them international recognized.
2.	The training programme is addressed to graduates with superior studies that: <ol style="list-style-type: none">1. Want to be specialized in S.S.M domain for knowing, understanding and implementing the aspects about health in work, psychology, communication and social dialogue;2. Knowing and implementing the elements of viability, risk and technical expertise in the industrial systems;3. Implementation of some statistical elements and optimization in the work systems.
3.	Knowing the economical and managerial aspects specifically for those persons who will occupy or occupied functions in departments or compartments of S.S.M in some particular or public firms.
4.	Identifying of new opportunities and modalities of collaborations with third partners in S.S.M domain by developing the abilities about: <ol style="list-style-type: none">1. Understanding the implementation of ERWHWS as a changing process of the organized structure in SSM domain, in accordance with the present techniques on international level;2. Learning the basic principles, as well as the terminology about auditing of SSM and the organization methodology, developing the capacity of systematically and independently examination with the purpose to establish if the activities referring at ERWHWS and the obtained results satisfy the established dispositions.
5.	Assimilation of the application methods of the statistical techniques for capability quantification and of the processes performances, respectively in work systems.