



“POLITEHNICA” UNIVERSITY OF TIMISOARA, ROMANIA

COMPETENCES OF UPT GRADUATE IN:

Fundamental domain: Engineering Sciences

Master’s degree study programme:

„QUALITY MANAGEMENT FOR TECHNOLOGICAL PROCESSES”

(Bachelor degree: Mechanical engineering)

| Crt. No. | Competences |
|-----------------|--|
| 1. | Designing, implementing and certifying quality management systems conforming with ISO 9001 requirements. |
| 2. | Understanding TQM implementation as a changing process of the organizational structure in quality management domain, in line with current international techniques. |
| 3. | Learning the basic principles, including the terminology of auditing quality management systems, the methodology for planning and conducting an audit, developing the ability to assess systematically and independently in order to determine whether the quality activities and related results meet default provisions. |
| 4. | Assimilation methods for the application of statistical techniques for measuring process capability and performance. |
| 5. | Assimilation methods for the application of statistical techniques in quality products domain. |
| 6. | Understanding the cycle of continual improvement processes and how the statistical control of processes contributes to a growing competitiveness. |