

THE FACULTY OF MECHANICS

COMPETENCES OF UPT GRADUATE IN:

Fundamental domain: Engineering Sciences

Master's degree study programme:

„ QUALITY MANAGEMENT FOR TECHNOLOGICAL PROCESSES ”

(Master's study field: Mechanical Engineering)

Nr. crt.	Competences
C1	Designing, implementing and certifying quality management systems conforming with ISO 9001 requirements.
C2	Understanding TQM implementation as a changing process of the organizational structure in quality management domain, in line with current international techniques.
C3	Learning of principles, terminology on auditing quality management systems, methodology of planning and conducting an audit, developing the ability to perform a systematic, independent and documented assessment in order to obtain objective evidence and evaluate them objectively to determine the measure in which the audit criteria are met – internal auditor.
C4	Assimilation methods for the application of statistical techniques for measuring process capability and performance.
C5	Assimilation the methods for the application of statistical techniques in quality management.
C6	Understanding the cycle of continual improvement processes and how the statistical process control contributes to a growing competitiveness.