



Quality Management Tools

Course number:	6333
Hours per week:	2
ECTS:	5
Scheduled:	Summer term
Format:	Lecture
Examination:	Written (90 min)
Lecturer:	Prof. Dr. Jochen Krieger
Objectives:	Knowledge about fundamental concepts, methods and procedures in the field of Quality Management
Contents:	<ul style="list-style-type: none">- Definitions and principles of quality management- Management aspects of Quality Management- Seven basic tools of Quality Management- Standards, audits and customer satisfaction- APQP: Advanced product Quality Planning- QFD: Quality Function Deployment- FMEA: Failure Mode and Effects Analysis- MSA: Measurement System Analysis- SPC: Statistical Process Control- PPAP: Production Part Approval Process
Pre-requisites	None
Recommended Reading:	None