

Quality

| General Data | | | |
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| Academic program | Incoming Exchange Student Courses | | |
| Type d'EC | Classes | | |
| Lectures : 8h00 Tutorials : 10h00 Total duration : 36h00 | Status : Obligatoire | Period : Semester 6_Robotique and Automation | Education language : English |

| Learning Outcomes |
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| <p>Being an actor of a quality management system and to integrate a quality dimension in all the services of a company</p> <p>Understand how to put in place the necessary actions to give the appropriate confidence that a product or service will meet the given quality requirements.</p> <p>To be able to actively participate in a corporate strategy that aims at zero defects and that should prevent errors rather than finding them after the fact.</p> |

| Content |
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| <p>Introduction to Quality, its history and evolution.</p> <p>Learn about quality management with the main tools related to it.</p> <p>Analysis and understanding of the ISO 9001 standard, its purpose, context and stakes.</p> <p>Audit: Preparing and conducting an Audit.</p> <p>QRQC : Operational method of quality management and problem solving. Discovery and appropriation of A3 and Kanban communication tools.</p> <p>Experience plan: Initiation to the PEX tool, mathematical approach and method.</p> |

| Pre-requisites / co-requisites |
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| None |