

Content

| Course Code | Course Name | Semester | Theory | Practice | Lab | Credit | ECTS |
|-------------|--|----------|--------|----------|-----|--------|------|
| CNT350 | Project, Risk and Change Management for Computer Engineers | 5 | 2 | 0 | 0 | 2 | 2 |

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| Prerequisites | |
| Admission Requirements | |

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| Language of Instruction | French |
| Course Type | Compulsory |
| Course Level | Bachelor Degree |
| Objective | This course aims to familiarize students with the basic concepts and methods of project management, including activities of forecasting, planning, cost control, budget management, resource allocation, communication, quality management, and documentation. Risk and change management, which are integral parts of project management, are also highlighted. |
| Content | <ol style="list-style-type: none">1. Introduction to projects and information technology management.2. Project methodology, processes.3. Project planning: Project infrastructure.4. Project planning: Measurable organizational values.5. Project planning: Work breakdown structure.6. Project planning: Budget planning and estimation.7. Project risk management.8. Mid-term.9. Communication management with project stakeholders.10. Project quality management.11. Project team management.12. Institutional change and resistance management.13. Project completion, evaluation.14. Student project presentations. |
| References | 1. Information Technology Project Management, Providing Measurable Organizational Value, Jack T. Marchewka, John Wiley & Sons, Inc, 5th Edition, 2015. |

Theory Topics

| Week | Weekly Contents |
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| 1 | Introduction to information technology projects and management. |
| 2 | Project methodology, processes. |
| 3 | Project planning: Project infrastructure. |
| 4 | Project planning: Measurable corporate values. |
| 5 | Project planning: Work Breakdown Structure |
| 6 | Project planning: Calendaring and budget forecasting. |
| 7 | Project risk management. |
| 8 | Midterm. |
| 9 | Management of communication with project stakeholders. |
| 10 | Project quality management. |

| Week | Weekly Contents |
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| 11 | Project team management. |
| 12 | Enterprise change and resistance management. |
| 13 | Project completion, evaluation. |
| 14 | Project presentations. |