

Bachelor in Communication sciences and culture

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| Course title: | Project Management for Communication Sciences - OPT |
| Course year: | all |
| Semester: | 2. |
| Course code: | 17258 |
| Scientific sector: | M-FIL/02 |
| Lecturer: | ANDREA MOLINARI |
| | Università di Trento - Via Inama 5, Trento +39 0461 282344 http://webapps.unitn.it/People/it/Web/Persona/PER0004368#INFO |
| Module: | No |
| Lecturer other module: | / |
| Credits: | 6 |
| Total lecturing hours: | 45 |
| Total Hours of availability for students and tutoring: | 18 |
| Office hours: | from Monday to Friday on request |
| Attendance: | according to the regulation |
| Teaching language: | English |
| Propaedeutic course: | none |
| Course description: | <p>From technical sectors (Engineering, Computer Science etc.) to humanistic disciplines, nowadays everyone needs to operate and manage projects. Project Management is the discipline that provides theoretical, methodological and operational frameworks to successfully plan, execute, monitor and close any kind of project.</p> <p>The course aims at providing students with both the theoretical background and the practical skills for managing real world projects. This implies studying the various theoretical aspects of project management (time-cost management, communication, stakeholders, resource management, soft skills, quality etc.) and how to implement this knowledge into projects being using tools and techniques that are world-wide standards. The theoretical lectures will be devoted to consolidate those notions needed to enter into this wide and variegated discipline, while the lab sessions will help to see the theoretical aspects in practice on real projects related with communication science.</p> |
| Specific educational objectives: | <ul style="list-style-type: none"> • area affine integrativa – M-FIL/02 <p>The objective of the course is to provide students with an overview of project management foundations, concepts, theories and techniques, with specific suggestions for communication sciences. Students will acquire knowledge about the importance of project definition and fundamental planning and scheduling techniques useful for project managers, such as work breakdown structures (WBS), critical path method (CPM), Gantt charts and PERT. An overview of project, program and portfolio management</p> |

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| | will be provided, allowing students to distinguish among the different roles and responsibilities associated with project management tasks. The course will have a practical approach, providing specific skills with “hands-on” sessions using Project Management software tools. |
| List of topics covered: | <ul style="list-style-type: none"> • Introduction to Project and Program Management • Project, Program, Portfolio • The main Project Management methodologies: PMBOK - Project Management Institute, PRINCE2 • Methodology and tools for Project Management: the Project Management Body of Knowledge (PM-BOK) • The main functions of Project Management: goal, time, cost, quality • Project Management: functions, life cycle; phases • The project and its organization: types of projects • Definition of project objectives • Define a project operational plan (PMP/PPM) • Define a WBS • Project estimation: time, cost and budget estimation • The reticular planning techniques: CPM, CCM, critical and hypercritical activities, total and free floats • The use of Gantt diagrams • Milestones, deadlines and limitations • The communication plan • Stakeholder management • Risk management • The project baseline • Project monitoring tools, project performance indicators (KPI), Earned Value Technique • Project closure and reporting |
| Teaching format: | Frontal lectures (2/3 approx.) and Lab sessions (1/3 approx.) with Microsoft Project (or any other PM software). |
| Learning outcomes: | <ul style="list-style-type: none"> • Knowledge and understanding: knowledge and understanding of the fundamentals of Project Management as a discipline to manage projects • Applying knowledge and understanding: applying the previous acquired knowledge to real world projects in their entire lifecycle, from initialization to closing processes • Making Judgement: ability to make judgements about the situation of different phases of a project lifecycle • Communication Skills: using Project Management tools and techniques to enhance communication skills respect to projects and related tasks • Learning Skills: being able to learn from experience, from team members and stakeholders, evaluating project performances and then applying these skills to project management |
| Assessment: | Written Exam with open questions (2/3) + Lab Exam for the practical parts (1/3) |
| Evaluation criteria and criteria for awarding marks: | <p>For the written exam: ability to evaluate, ability to argue and present contents, accuracy in the presentation</p> <p>For the Lab exam: ability to operate and solve Project Management problems using Microsoft Project (or any other PM software)</p> |

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| Required readings: | Slides supplied by the teacher |
| Supplementary readings: | A Guide to the Project Management Body of Knowledge (PMBOK Guide) – Fifth Edition - Project Management Institute |