DIGITAL HUMANITIES (LM70)

(Università degli Studi)

Teaching ADVANCED PROJECT MANAGEMENT

GenCod A004201

Owner professor Valentina NDOU

Teaching in italian ADVANCED PROJECT MANAGEMENT

Course year 2

Teaching ADVANCED PROJECT MANAGEMENT

Language ENGLISH

SSD code ING-IND/35

Curriculum COMUNE/GENERICO

Reference course DIGITAL HUMANITIES

Course type Laurea Magistrale

Location

Credits 6.0

Semester First Semester

Teaching hours Front activity hours: 42.0

Exam type Oral

For enrolled in 2020/2021

Assessment Final grade

Taught in 2021/2022

Course timetable https://easyroom.unisalento.it/Orario

BRIEF COURSE DESCRIPTION

The course focuses on project management methodologies and tools. At the end of the course the student has the basic and advanced knowledge to organize, plan and control a project and to identify the development and launch strategies of a new product and service. In particular, the student knows the dynamics and critical aspects of project management, planning tools (scope statement, WBS, RAM, Gantt, Diagram, Network Diagram), tools for stakeholder and risk management, tools for controlling a project using the EVM methodology.
The Project Management course aims to provide knowledge and competences and skills in three important aspects of project management:

- a) the project planning methodologies according the standard of Project Management Institute (PMI);
- b) the theory, methods, quantitative tools and software used to effectively plan, organize, and control projects;
- c) hands-on, practical project management knowledge from on-site situations and the development of a Project Management Plan as project work activities for the course.

The course contents relies on the standard of the Project Management body of Knowledge (PMBOK® Guide) Sixth EDITION 2017. Within the framework, students learn the methodologies and tools necessary for each aspect of the process as well as the theories upon which these are built.

Introduction
Project life-cycle
The processes of project management
The Project charter
The scope of project and Time Management
Management of project costs
Management of project quality
Human resource management

REQUIREMENTS

No specific pre-requisities for the course

COURSE AIMS	The course has the objective to offer basic and advanced knowledge to program and manage projects. The teaching seeks to create professional profiles able to respond to needs of public and private sector for the ideation, development and evaluation of the project proposal. **At the end of the course the students should be able to:** ▪ describe the **10 knowledge area of the Project management** according to the Project Management body of Knowledge (PMBOK® Guide); ▪ define the **scope** of a project and develop the **project charter** and **project management plan**; ▪ use **Gantt charts** to present the activities of a project and Apply **PERT Techniques** for project planning; ▪ apply the **International Project Management Standards** from the Project Management Institute (the PMBOK® Guide) to real-world situations; ▪ apply the indicators to assess the performance of a project (**EVA Earned Value Management Model)**; ▪ **communicate effectively** and expressing arguments with preciseness, and debating findings; ▪ develop effective **writing skills** through assignment reports .
TEACHING METHODOLOGY	– *Face-to-face Lecturers* – *Seminars* – *Project work*
ASSESSMENT TYPE	*Project work – 60 %* *Exam – 40%*
ASSESSMENT SESSIONS	Questions related to the contents of the course. Questions related to the project work developed.
OTHER USEFUL INFORMATION	To all students that frequent the course is offered a Participation Certificate form project management institute, Southern Chapter, that recognize 32 hours of project management. This is made possible thanks to the agreement signed by Engineering faculty and PMI southern chapter.

FULL SYLLABUS

Introduction

· *The context of project management*

· *European, national and regional programs (Horizon2020, FESR, PON, COSME, Erasmus, etc)*

· *Standards and e Certifications (Il PMBOK® Guide)*

· *Terminology*

Project life-cycle

· *Relation between product and project lifecycle*

· *The phases of the project*

· *The relationship between phases*

The processes of project management

· *Introduction to the processes of PM*

· *The 5 groups of PM processes*

· *The 9 areas of PM knowledge*

The Project charter

· *Develop the project charter*

· *Develop the plan of project management*

The scope of project and Time Management

· *Define the project scope*

· *The processes of Time Management*

· *Define the activities*

· *Resource estimation*

· *Develop and control scheduling*

Management of project costs

· *The processes of Time Management*

· *Cost estimation*

· *Budget determination*

· *Cost control*

Management of project quality

· *Quality planning*

· *Execute the quality control*

Human resource management

· *Develop the HR resources*

· *Manage the project team*

REFERENCE TEXT BOOKS

A guide to the project management body of knowledge, Project Management Institute.

Lecturer notes.