SPC

**SOCIEDAD
PERUANA DE
COMPUTACIÓN**

1. COURSE
ET302. Entrerpreneurship III (Mandatory)

2. GENERAL INFORMATION
2.1 Credits	:	3
2.2 Theory Hours	:	2 (Weekly)
2.3 Practice Hours	:	-
2.4 Duration of the period	:	16 weeks
2.5 Type of course	:	Mandatory
2.6 Modality	:	Face to face
2.7 Prerequisites	:	ET301. Entrerpreneurship II. (9th Sem)

3. PROFESSORS

Meetings after coordination with the professor

4. INTRODUCTION TO THE COURSE
This course is part of the training area of technology-based companies, aims to address all processes and good practices in the project management recommended by the *Project Management Institute* (PMI) contained in the *Project Management Body of Knowledge 2012* (PMBOK) applied in particular to technology-based projects such as construction, development, integration and implementation of application software.

The future professional who intends to venture into a software in the competitive globalised market, it must necessarily know the hard skills and practice the soft skills that are considered in the PMBOK. All contracts for the supply of goods (Hardware) or intangible (Software) as well as the services of consulting should be handled as small projects.

We believe it is of utmost importance to impart the fundamentals and experiences associated with project management to future professionals, we must consider that currently the client companies (national or international) that demand solutions require consulting companies to carry out system projects and information technology with PMI standards, more and more turns out to be a condition of exigibility to be able to win tenders and sign contracts for the supply of technology solutions, It also requires that the project leader, in addition to his or her training and experience to bring the project to a successful conclusion is a PMP.

5. GOALS

- That the student masters the concepts related to the management of computer projects.

- To provide the student with the techniques and tools that allow him/her to successfully manage projects of various magnitudes.

- That the student builds his business plan oriented to get an international investor who can promote and project the company to an international environment.

6. COMPETENCES

d) An ability to function on multidisciplinary teams. (**Usage**)

f) An ability to communicate effectively. (**Usage**)

m) Transform your knowledge of the area of Computer Science into technological enterprises. (**Assessment**)

7. SPECIFIC COMPETENCES

d4) Collaboratively develop business plans for technology companies. ()

f3) Transmit technical proposals in English to audiences in other areas. ()

f4) Present a business plan to potential investors. ()

m1) Create a technology-based company in the country and / or internationally. ()

8. TOPICS

Unit 1: Conceptual Framework of Project Management (15)	
Competences Expected: C19	
Topics	**Learning Outcomes**
- Introduction. - Purpose of the PMBOK guide, 'What is a project', 'What is project management', The structure of the PMBOK guide, Areas of expertise, context of project management. - Project Life Cycle and Organization. - Project life cycle, project stakeholders, organizational influences.	To know the conceptual framework in which the projects are developed. [Usage]
Readings : [Pro12], [Rit09]	

Unit 2: Standard for the management of a project (15)	
Competences Expected: C20	
Topics	**Learning Outcomes**
- Project Management Processes for a Project. - Project management processes, project management process groups, process interactions, correspondence of project management processes.	Know the standards of project management applied to projects. [Usage]
Readings : [Pro12], [Rit09]	

Unit 3: Project management knowledge areas (60)	
Competences Expected: C23	
Topics	**Learning Outcomes**
- Introduction. - Project Integration Management. - Project Scope Management. - Project Time Management. - Project Cost Management. - Project Quality Management. - Project Human Resources Management. - Project Communications Management. - Project Risk Management. - Project Procurement Management.	- Understand the nature of project management and its importance to project success. [Assessment] - Acquire the necessary knowledge to successfully manage projects in terms of: Time, Costs, Scope, Risks, Quality, HR, Procurement, Communications and Integration. [Usage] - Appreciate the importance of good project management. [Assessment] - Demonstrate skills in making effective presentations. [Usage] - Develop skills to manage multidisciplinary work teams. [Usage]
Readings : [Pro12], [Rit09]	

9. WORKPLAN

9.1 Methodology

Individual and team participation is encouraged to present their ideas, motivating them with additional points in the different stages of the course evaluation.

9.2 Theory Sessions

The theory sessions are held in master classes with activities including active learning and roleplay to allow students to internalize the concepts.

9.3 Practical Sessions

The practical sessions are held in class where a series of exercises and/or practical concepts are developed through problem solving, problem solving, specific exercises and/or in application contexts.

10. EVALUATION SYSTEM

********* EVALUATION MISSING ********

11. BASIC BIBLIOGRAPHY

[Pro12]   PMI Project Management Institute. *PMBOK Guide, 5th Edition.* Project Management Institute, 2012.

[Rit09]   PMP Rita Mulcahy. *PMP Exam Prep - 6th Edition.* RMC Publications, 2009.