

## 1. COURSE

CS404. Final Project III (Mandatory)

## 2. GENERAL INFORMATION

2.1 Credits	:	6
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	:	■FaceToFace■
2.7 Prerequisites	:	CS403. Final Project II. (9 <sup>th</sup> Sem)

## 3. PROFESSORS

Meetings after coordination with the professor

## 4. INTRODUCTION TO THE COURSE

This course aims to enable students to complete properly their draft of thesis.

## 5. GOALS

- That the student completes this course with his thesis elaborated in sufficient quality as for an immediate support.
- That the student formally present the draft dissertation before the authorities of the faculty
- The deliverables of this course are:

**Parcial:** Advancement of the thesis project including in the document: introduction, theoretical framework, state of the art, proposal, analysis and / or experiments and solid bibliography.

**Final:** Full thesis document and ready to support in a period of no more than fifteen days.

## 6. COMPETENCES

- 1) Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions. (**Assessment**)
- 2) Design, implement and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. (**Assessment**)
- 3) Communicate effectively in a variety of professional contexts. (**Assessment**)
- 4) Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. (**Assessment**)
- 5) Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. (**Assessment**)
- 6) Apply computer science theory and software development fundamentals to produce computing-based solutions. (**Assessment**)
- 7) Develop computational technology for the well-being of all, contributing with human formation, scientific, technological and professional skills to solve social problems of our community. (**Assessment**)

## 7. SPECIFIC COMPETENCES

## 8. TOPICS

<b>Unit 1: Escritura del Borrador del trabajo de final de carrera (tesis) (60)</b>	
<b>Competences Expected:</b>	
<b>Topics</b>	<b>Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Writing and correction of the work of end of career</li> </ul>	<ul style="list-style-type: none"> <li>• Experimental part completed (if appropriate to the project) [Assessment]</li> <li>• Verify that the document complies with the thesis format of the course [Assessment]</li> <li>• Delivery of the completed thesis draft and considered ready for public support (approval requirement)[Assessment]</li> </ul>
<b>Readings :</b> [IEE08], [Ass08], [Cit08]	

## 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

- [Ass08] Association for Computing Machinery. *Digital Library*. <http://portal.acm.org/dl.cfm>. Association for Computing Machinery, 2008.
- [Cit08] CiteSeer.IST. *Scientific Literature Digital Library*. <http://citeseer.ist.psu.edu>. College of Information Sciences and Technology, Penn State University, 2008.
- [IEE08] IEEE-Computer Society. *Digital Library*. <http://www.computer.org/publications/dlib>. IEEE-Computer Society, 2008.