COURSE NAME			
Applications, Systems and Techniques for Information Processing			
CREDITS	6 ECTS	TYPE	Compulsory
SCHEDULING	1st Term	CHARACTER	Theoretical-Practical

CONCISE COURSE CONTENTS

- Architectures for information processing.
- Algorithmic information processing.

LEARNING OBJECTIVES

- Go through the design flow of a digital system starting from its RT specifications.
- Understand and evaluate the architectures of general-purpose digital systems based on microprocessors as well as the architectures of signal processing digital systems.
- Know how to design a HW-SW system.

LEARNING ACTIVITIES

- Theoretical lessons, tutoring and seminars (online).
- Classes on problems and guided activities (online).

EVALUATION SYSTEM

Theoretical-practical exercises and design project

It is expected to combine up to three evaluation systems suitable for each of the courses of the module. Thus, the evaluation of this course could comprise the following components:

- Conducting theoretical and practical exercises on-line. Students would pass each exercise if they exceed a grade of 5 out of 10.
- Report of practical training and design projects performed.
- Personal interview with the teacher where theoretical and practical contents of the course will be discussed.