

**COURSE: ADVANCED TOPICS IN INDUSTRY INFORMATION SYSTEMS**

**ASSIGNMENT 2018/2019**

**SCOPE**

Based on the Syllabus established for this year:

- 1) Select 4 units
- 2) For each Unit make a study, starting with the suggested literature and also finding other recent relevant sources, and establish a synthetic conceptual framework of the area – concepts, relationships, relevance, challenges, etc.
  - a. When searching for additional references, first define a set of criteria for identifying relevant references.
  - b. Filter references according to such criteria.
- 3) Prepare 1- 2 pages synthesis per unit (thus 4- 8 pages + 1 page with References & search criteria).
- 4) Prepare a Powerpoint presentation (40 min).

**EVALUATION CRITERIA**

The following aspects will be considered:

- Demonstration of the level of understanding of the area and capacity to structure, interlink and synthesize concepts, trends and challenges. [30%]
- Synthesis and critical spirit capabilities. [20%]
- Quality of identified bibliographic references and adopted search criteria. [10%]
- Identification of main players and research agenda in the area (main research groups and current hot topics). [7.5%]
- Identification of the main journals and conferences related to the area, justifying the selection. [7.5%]
- Quality of the presentation and discussion. [25%]

**TIMING**

- The presentation seminar will take place in June 2019.
- The presentation will include 40 min presentation and 20 min discussion.
- Presentation slides shall be delivered to the involved professors at least 3 days in advance.
- All presentations (of all students) will take place in the same day.

**Responsible professor:** Luis M. Camarinha-Matos  
**Other professors involved:** José Barata, Ricardo Gonçalves, Rita Ribeiro, Pedro Sousa.