

Special Topics

PDEEC – Doctoral Program in Electrical and Computer Engineering

Guidelines

for the organization of the Study Plan or Teaching Plan of Special Topics

Special Topics is a course offered by PDEEC in both Semesters, although the students may only enroll in one of them. **Special Topics** has 7,5 ECTS, corresponding to about 225 hours of work during the semester.

Special Topics aims at either offering new fields of study not available in the curriculum or to involve the students in teaching activity, as a teaching assistant, in a M.Sc. course offered at FEUP. Thus the main goals are:

- To create knowledge and involve the student in complementary fields not available in the PDEEC curriculum.

or

- To expose the students to teaching activities, including labs, projects and lectures and to create opportunities to assist in course curriculum development and in course planning.

Thus the student has access to one of these two options: 1) **StudyPlan**: supervised by a tutor or thesis supervisor, to study a new field not available in PDEEC curriculum; 2) **TeachingPlan**: supervised by a professor of a M.Sc. course, be involved in teaching activities.

At the beginning of the semester, and under the supervision of a tutor or thesis supervisor, the student needs to submit an individual plan for the course, organized as follows:

1 – **Study Plan** (recommendation on the number of pages: 2)

- Title, student and supervisor: synthesize in the title the contents of the study
- Objectives: clarify the main objectives of the course.
- Study Plan: organize the study plan by chapters, detailing its contents, and particularly refer if it contains theoretical and/or practical components (experiments, software developments, ...).
- Deliverables: typically presented in a form of a report, that may describe the main theoretical and practical descriptions of the studies made in the different chapters.
- Methodology of the evaluation: the supervisor needs to define in a scale from 0 to 20, the grades and corresponding weights assigned to each one of the evaluation components defined by the supervisor (e.g. report, student performance, lab/software work, presentations, ...)

2 – **Teaching Plan** (recommendation on the number of pages: 2)

- Title, student and tutor: synthesize in the title the contents of the teaching activities
- Objectives: Clarify the main objectives of the course.
- Teaching Plan: organize the teaching plan by chapters, detailing its contents, and particularly refer if it contains lectures, lab work and M.Sc. student projects.
- Deliverables: typically presented in a form of a report, that may have as appendices power point presentations, lab exercises and course projects.
- Methodology of the evaluation: the tutor needs to define in a scale from 0 to 20, the grades and corresponding weights assigned to each one of the evaluation components defined by the tutor (e.g. report, student performance, lecture presentations, lab/software exercise proposals, ...)

Special Topics Coordinator

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