

TEACHING GUIDE ADAPTATION DOCUMENT DUE TO COVID-19 SPECIAL PERIOD TEACHING GUIDE YEAR 2019-20

This Adaptation Document specifies how the teaching of this course has been adapted (contents, methodologies and assessment) due to the period of temporary suspension of face-to-face educational activity as a result of the health crisis caused by the COVID-19.

COURSE: Circuit Electronics

CODE: 350018

1. CONTENTS

Yes, some changes/adaptations have been made to this section:

There are no changes in the Theory and Exercises part.

In the laboratory part, the non-executed circuit assemblies corresponding to the laboratory assignment have been removed, increasing the impact of the circuit simulation part.

2. TEACHING-LEARNING METHODOLOGY. EDUCATIONAL ACTIVITIES

Yes, some changes/adaptations have been made to this section:

Classes are now taught by means of ad-hoc recordings of the theory and problem solving sessions, so that they can be viewed in a non-synchronous way. In addition, between 4 and 8 hours of classes are given weekly by videoconference at BB-Collaborate, addressing to resolve students' doubts and solve additional problems.

Every week a message is published on the BB platform, informing the students of the tasks to be done along the week: videos to be viewed, documents to be read, problems and/or work to be done, additional classes by videoconference to solve doubts or problems proposed by the students, with the target of adapting the sequencing and organization of the contents to the characteristics of online teaching.

The attention to the students will be carried out by on-line means, using the tools available at BB and by e-mail. Other tools are also used, such as Microsoft Teams and Socrative (in some groups), but to a lesser extent. This will continue until all the exam calls for this course are completed.

The absence of practical assemblies in the laboratory is compensated by an increase in the weight of the theoretical section, simulations of the proposed circuits and justification of results.

3. ASSESSMENT: PROCEDURES, ASSESSMENT AND QUALIFICATION CRITERIA

Yes, some changes/adaptations have been made to this section:

The evaluation in the ordinary call will be, by default, continuous and online. The evaluation criteria are basically the same as those described in the teaching guide (adapting their weight according to the circumstances). The qualification criteria, detailed in section 5 of the original teaching guide, do not vary for each of the evaluation instruments. Only some of them are modified, as describe below (the weights referred to in the teaching guide are also included):

- On-site and off-site activities of continuous assessment: weight of 10% of the final grade.

In addition to the 3 test/short-problem activities carried out in class, during the face-to-face teaching period, we will do an additional activity, which will be on-line and individual, and which will complete the 4 activities that will be considered in this section.

Date: May 8th. Time: 14:15h. Duration: 20 to 30 minutes.

- Topic: Unit 3 (Feedback and stability).
- Type: test questions and short development/calculation questions, which will be sent for correction through the means available within BB.
- The test will progress question by question, with no possibility of going back.

- LAB: weight of 20 % of the final grade.

The weight of the design, analysis, simulation and contrast between the theory and the simulation is increased, in compensation for the partial loss of the experimental assemblies and measurement.

The laboratory report will be done in pairs or individually, as it was being done on in the presential sessions prior to the confinement. An activity will be made available on the BB platform for the delivery of the report.

The qualification weights established at the beginning of the four-month period will be maintained:

- 60 % (of the total laboratory grade): practice report

- 20 % (of total laboratory note): improvements to basic assignment (see corresponding section in the lab assignment document)
- 20 % (of the total laboratory grade): test to be carried out during the final exam

Deadline for submission of the lab report: May 22nd.

- PEI: weight of 30 % of the final qualification.

An individual on-line test will be carried out through BB, in which the contents foreseen for the original PEI (suspended) will be evaluated. The test will consist of theoretical and practical exercises of automatic correction (test type) + developmental/calculatory exercises.

Date: 19th May. Time: 14:00h. Duration: 60 to 90 minutes.

- Topic: Units 1,2,3 (from unit 3, only the feedback part)
- Type: test and developmental/short calculation questions, which will be sent for correction through the means available within BB.
- The test will progress question by question, with no possibility of going back.

- Final exam (PC): weight of 40 % of the final grade.

An individual on-line test will be held through BB, on the date set by the EPS. This PC will consist of theoretical and practical exercises of automatic correction (test type) + developmental/calculatory exercises. In this test all the contents of the course will be evaluated, but with greater emphasis on those not included in the PEI.

This test evaluates both the ability to relate and integrate the concepts learned, and to revise those evaluated in the previous tests. Therefore, the final exam allows for an improvement in the final grade if a better result is obtained than the one achieved in the weighted sum of the partial tests and the PC.

Date: 3 June. Time: 10:00h. Duration: To be determined

- Topic: The whole course content.
- Type: test questions and short development/calculation questions, which will be sent for correction through the means available within BB. Additional practice test.
- The instructions will be detailed at the beginning of the test.

4. COMMENTS

In order to make the circumstances more flexible, students at the University of Alcalá who

wish to do so may waive continuous online assessment in the courses in which they are enrolled in the 2nd term (2019/2020). A form has been created (<https://bit.ly/35dNJPN>) so that students can request the Final Evaluation Online. The form will be available from Tuesday 28 April to Friday 8 May.

We remind you that there are two options:

- a) Final Evaluation, with a value of 100 %.
- b) If you have followed the continuous evaluation process until March 10th, you will be able to keep the percentage of the qualification you have obtained in the tests until the indicated date. The rest of the grade will be obtained in the final exam.

In both cases, the final evaluation will be made according to the following:

1. The evaluation of the theoretical part of the course will be done through the final exam of the course, on the date specified for this purpose. The associated % will be 80 % of the course grade in modality a), and 80 % minus the % of the tests taken until March 10th in modality b).
2. The evaluation of the laboratory part (20 % of final grade) will be done through a specific final exam of the laboratory that will deal with the design and simulation of a system related to the practice proposed for this course and with specifications given, on a date to be determined. If the form is not sent before the next 08-05-2020, it will be understood that the student chooses the CONTINUOUS ONLINE EVALUATION system.

For situations in which the student, in an exceptional and justified manner, has not been able to carry out his/her evaluation virtually, he/she may request a final exceptional face-to-face evaluation session. The request for the final face-to-face evaluation will be made in a justified manner and using a form that will be distributed to the students by the Deans team of the Escuela Politécnica Superior. When a student requests this type of exceptionality, it is understood that it applies to all the courses in which he or she is enrolled. The form will be available until Friday 8th May.

Extraordinary call:

The calendar has been modified for this call. The possibility of transferring the extraordinary evaluation to September is contemplated if health or other relevant circumstances so recommend.