

School of Computer Science. Bachelor of Software Engineering

Course: Operating Systems

Year 2024-2025

Team Work

Details of the work to be done

The work to be done consist of, for all the proposed subjects, conducting a study of a real operating system, both from an external point of view and from the perspective of its implementation (as far as possible, given that in some cases there is a multitude of sources of information while in others scarcely anything is found)

For each work a technical report must be written including all the topics detailed in the wording of each work.

In addition to the technical report, using the format described below, a unique slide must be prepared to carry out the oral presentation when scheduled.

Format and structure of the technical report

FRONT PAGE: It is the introductory page of the work. Its design must be elegant, but simple. It has to include the following elements:

- Emblem of the degree (upper right part)
- Title of the work (central part)
- Author data (lower right part)
- Course and teacher data (lower right part)
- Date (lower right part)

TABLE OF CONTENTS: the second page of the report has to be a table of contents (automatically generated). It will show us the general structure of the work.

INTRODUCTION: Is a short review of the starting point of the work, the goal and the methodology used to do it.

BODY: It has to be structured in chapters and subchapters, dealing with most important points of the work. They can be the points stated in the detail of the work (see above) or you can include other chapters that you decide. You must include examples if they are relevant. Valuable points are clarity, proper use of character format (bold, italics, ...), a good organization of the information and the inclusion of every key point of the work. **You must avoid verbatim copy of information from the internet.**

CONCLUSIONS: In the final part of the report will be useful to give a short abstract of the conclusions of your work, including a personal and critical appraisal.

GLOSSARY: It must include every technical concept introduced in the work

REFERENCES: An alphabetic listing of every source that you have used to get the information for the work. Every reference must include a short remark about its content. You must use the standard UNE-ISO 690. You can find information about this standard and how to use it in:

- ISO 690 [last visited 2018-2-19]. Available on:

https://en.wikipedia.org/wiki/ISO_690

- Bibliography and quotes: UNE-ISO 690:2013 [last visited 2018-02-19]. Available on:

<http://guiasbus.us.es/bibliografiaycitas/estilouneiso>

Format issues to follow

- Max length: 17 pages (16 for the work itself + front page + table of contents).
- Min length: there is no lower limit in the number of pages.
- Font typeface: Times New Roman 12 points.
- Simple interlining
- Max three levels of titles, with a size of 18, 16 and 14 points (1. // 1.1 // 1.1.1)
- Margins: 2,5 cm. For every side
- Page heading with the title of the work. Font size 9 points
- Page footer with the page numbering. Font size 9 points.

In the e-campus you can find a sample Word document following this format.

Oral presentation

Every group must present their work in a maximum time of **5 minutes**. You can use only one slide or document (with A2 paper size as the maximum one). The only interaction that is allowed with that document during the presentation is to change the focus on it.

Every student of the team must be prepared to present their work, but only one of them will do it. Professor will select who is going to present just before that presentation.

Submission

Before the deadline specified in each work, and before doing it, each group must send to the professor a general outline of the work to be done. So, the professor can assess if the proposed work fits properly with the subject. Then the professor will answer the group with some directions to modify the content, if necessary.

Once the final work has been completed, each group must submit:

- Report: a pdf file max 17 pages.
- Poster, in pdf format, with the page to be presented.

Assessment

- Both the technical report and the public presentation will be taken into account to calculate the final mark. All the members of the team will get the same mark.