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| COURSE: Lab Project I / Proyectos Experimentales 1 | | |
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| MASTER: Master in Photonics Engineering / Máster Interuniversitario en Ingeniería Fotónica | YEAR: 2019-2020 | TERM: 1st |

| WEEKLY PLANNING | | | | | | |
|---|---|---|---|---|---|---|
| SESSION | DESCRIPTION | GROUPS (mark X) | | Special room for session (computer classroom, audio-visual classroom…) | WEEKLY PROGRAMMING FOR STUDENT | |
| | | LECTURES | SEMINARS/LAB[1] | | DESCRIPTION | CLASS HOURS | HOMEWORK HOURS |
| 1 | Introduction. Projects to do. | X | | | Introduction to the subject. Introduction to the offered Project. Specifications. Problems to solve. Some needed calculations. | 2 | 12 |
| 2 | Lab Session 1 | | X | | Design of the system and knowing the software tools. | 3 | |
| 3 | Lab Session 2 | | X | | Setup: beginning the subsystems | 3 | |
| 4 | Lab Session 3 | | X | | Setup: continuing the subsystems, testing, and characterization. Writing report. | 3 | |
| 5 | Lab Session 4 | | X | | Setup: ending the subsystems and assembling the whole setup. Writing report. | 3 | 11 |
| 6 | Lab Session 5 | | X | | Setup: tuning the software programs to accomplish specifications | 3 | 11 |
| 7 | Lab Session 6 | | X | | Ending the whole setup. Writing report. | 3 | |

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|---|---|---|---|---|---|---|---|
| 8 | Exam | | | X | | Showing and explaining the system to teachers and classmates. | 1 | |
| | **¹ A maximum of 1-2 lab sessions** | | | | | **Subtotal 1** | 21 | 34 |
| | | | **Total 1** *(Hours of class plus student homework hours between weeks 1-7)* | | | | | 55 |

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|---|---|---|---|---|---|---|---|
| 1-8 | Tutorials, handing in, etc | | | | | Solving any remaining question | | 10 |
| 8 | Assessment | | | | | Studying the documentation for the final assessment. | 3 | 7 |
| | | | | | **Subtotal 2** | | 3 | 17 |
| | | **Total 2** *(Hours of class plus student homework hours at week 8)* | | | | | | 20 |

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| **TOTAL** *(Total 1 + Total 2)* | 75 |