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| COURSE : SYSTEMS ARCHITECTURE | | |
| DEGREE: GRADO EN INGENIERÍA TELEMÁTICA GRADO EN INGENIERÍA DE COMUNICACIONES MÓVILES Y ESPACIALES GRADO EN INGENIERÍA DE SONIDO E IMAGEN | YEAR: 2 | TERM: 1st |

| PLANIFICACIÓN SEMANAL DE LA ASIGNATURA | | | | | | | | | |
|---|---------|------------------------------------|-------------------|----------|------------------|--|-------------------------------------|-------------|-------------------------------|
| Week | Session | DESCRIPTION | GRUPS (mark X) | | | Special room for sesión (computer classroom, audio- visual classroom... | WEEKLY PROGRAMMING FOR STUDENT | | |
| | | | LECTURES | SEMINARS | | | DESCRIPTION | CLASS HOURS | Homework (Max. 7h week) |
| 1 | 1 | Course presentation & Introduction | X | | | | | | |
| 1 | 2 | Project presentation | | X | Computer Room | NO | Practical programming exercises | 1 | 7 |
| 2 | 3 | C Simple Data; Variable Scope | X | | | | Reading course notes in Aula Global | 1,66 | Dynamic |

| | | | | | | | | | |
|----|--------|---------------------------------|---|---|---------------|-----|-------------------------------------|------|-------------|
| 2 | 4 | Lab I | | X | Computer Room | YES | The work environment in Linux | 1,66 | Memory 7 |
| 3 | 5 | Structured Data in C | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 3 | 6 | Lab II | | X | Computer Room | YES | Practical programming exercises | 1,66 | |
| 3 | 6(bis) | Guided Exercise | X | | | | | 1,66 | 7 |
| 4 | 7 | I/O | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 4 | 8 | Practical exercises | | X | Computer Room | NO | Practical programming exercises | 1,66 | |
| 5 | 9 | Pointers in C | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 5 | 10 | Practical programming exercises | | X | Computer room | NO | Practical programming exercises | 1,66 | |
| 6 | 11 | Pointers in C | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 6 | 12 | Lab III | | X | Computer Room | YES | Practical programming exercises | 1,66 | |
| 7 | 13 | Dynamic Memory | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 7 | 14 | Practical programming exercises | | X | Computer Room | NO | Practical programming exercises | 1,66 | |
| 8 | 15 | Dynamic Memory | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 8 | 16 | LAB IV | | X | Computer Room | YES | Practical programming exercises | 1,66 | |
| 9 | 17 | Dynamic Memory | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 9 | 18 | Practical programming exercises | | X | Computer Room | NO | Practical programming exercises | 1,66 | |
| 10 | 19 | Dynamic Memory | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 10 | 20 | Practical programming exercises | | X | Computer Room | NO | Practical programming exercises | 1,66 | |

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|--|----|--|---|---|---------------|----|--|-------------|--------------|
| 11 | 21 | File Systems | X | | | | Read and practice about Dynamic memory | 1,66 | 7 |
| 11 | 22 | Practical about File Systems | | X | Computer Room | NO | Practical programming exercises | 1,66 | |
| 12 | 23 | Concurrent programming in C | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 12 | 24 | Practical about Concurrency | | X | Computer Room | NO | Practical programming exercises | 1,66 | |
| 13 | 25 | Concurrent programming in C | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 13 | 26 | Practical about Concurrency | | X | Computer Room | NO | Practical programming exercises | 1,66 | |
| 14 | 27 | Review | X | | | | Reading course notes in Aula Global | 1,66 | 7 |
| 14 | 28 | Review | | X | Computer Room | NO | Practical programming exercises | 1,66 | |
| Subtotal 1 | | | | | | | | 45,8 | 98 |
| Total 1 (Hours of class plus student homework hours beteen weeks 1-14) | | | | | | | | | |
| 16 | | | | | | | | | |
| 16 | | Preparación de evaluación y evaluación | | | | | | 3 | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| Subtotal 2 | | | | | | | | 3 | 3 |
| Total 2 (Hours of class plus student homework hours beteen weeks 15-18) | | | | | | | | | 146,8 |
| TOTAL (Total 1 + Total 2.) | | | | | | | | | |

| LABORATORIES CLASSES PROGRAMMING* | | | | | | | | | |
|-----------------------------------|------|-------------|------------|--------------------------------|--|--|--|-----------------------|--|
| SESSI ON | WEEK | DESCRIPTION | LABORATORY | WEEKLY PROGRAMMING FOR STUDENT | | | | | |
| | | | | DESCRIPTION | | | | HOMEW ORK HOURS | |

| | | | | | CLASS HOURS | Maximum 7 H |
|--------------|---|---------|---|------------------------------|--------------|----------------|
| 1 | 2 | Lab I | Laboratorio del depto. de Ingeniería Telemática | Exercises Linux environment | 1,5 | 7 |
| 2 | 3 | Lab II | Laboratorio del depto. de Ingeniería Telemática | Menu & structured data types | 1,5 | 7 |
| 3 | 6 | Lab III | Laboratorio del depto. de Ingeniería Telemática | Debugger | 1,5 | 7 |
| 4 | 8 | Lab IV | Laboratorio del depto. de Ingeniería Telemática | Valgrind | 1,5 | 7 |
| TOTAL | | | | | 146,8 | |