AGENDA MP01: INTRODUCTION TO OPERATING SYSTEMS

TEACHERS: **TU1: Jordi Binefa/Daniel Collados**

        Operating system: Ubuntu Linux

        Language: English

    TU2: Francisco Arjona

        Operating system: Microsoft Windows

        Language: Catalan or Spanish

    TU3: Francisc ArjonaJordi TU3.1

        Operating system: Microsoft Windows

        Language: Catalan or Spanish

        Jordi Binefa/Daniel Collados T3.2

        Operating system: Ubuntu Linux

        Language: English

    TU4: No teacher assigned (2nd academic year)

CONTENTS:

TU1	84 hores	Installing, configuring and exploiting a computer system
PR1	6	Virtual Machines. VirtualBox. Installing Ubuntu Linux
PR2	4	Ubuntu: Operating system overview
PR3	4	Partitions and filesystems. Working with Gparted.
PR4	4	Ubuntu: Repositories. Installing software
PR5	6	Network configuration
PR6	6	Command-line utilities. Bash.
PR7	6	Permissions and ownership of folders and files
PR8	6	Setuid bit. ACL (Access Control List)
PR9	6	Customizing an Ubuntu distro. Working with remastersys
PR10	6	Managing processes
PR11	6	Managing services
PR12	6	Configuring groups and users
PR13	6	Working with file systems
PR14	6	GRUB: The Linux Boot Loader
EX	6	Assessment activities and exams
TU2	84 hores	Managing Information and resources on a network
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TU3	30h	Installing specific purpose software
TU3.1	15h	Proprietary operating systems (Francisco Arjona)
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TU3.2	15h	Free operating systems (Jordi Binefa/Daniel Collados)
PR1	3	Building and installing .rpm and .deb packages
PR2	4	Bash shell scripts
A1	3	Software respositories
PR3	3	Incident management
EX	2	Assessment activities and exams
TU4	33h	Security, performance and resources (2n academic year)
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SUBJECT ASSESSMENT:

$$Q_{MP} = 0{,}364\ Q_{UF1} + 0{,}364\ Q_{UF2} + 0{,}130\ Q + 0{,}142\ Q_{UF4}$$

- This subject will be done in two years.

- To pass this subject should be passed all training units.

- In June there are extraordinary exams for those training units failed.

- *Within the contents of training units will be assessed the following attitudes:*
  - *Punctuality and attendance*
  - *Class participation*
  - *Order and work methodology*
  - *Speaking and writing*
  - Teamwork
  - *Respect the rules*

- The training unit will not be assessed on ordinary exams if the student exceeds 20% of absences and delays.

- The criteria of this college about absences and delays is given in page 9 of the student information guide.

- Students have two opportunities to pass a training unit.

- It is mandatory to do all practices and exercises to pass a training unit.

- In extraordinary exams in June it should be deliver the mandatory practicesa made during the academic year.

$$Q_{UF1} = 0{,}5*\text{Practical Exercises} + 0{,}1*Ex1 + 0{,}4*ExUF1$$

- This subject will be done during the first academic year.
- It is mandatory to do all practices and exercises to pass this training unit.

$$Q_{UF3} = 0{,}35*\text{Practical Exercises} + 0{,}1*\text{Activities} + 0{,}55*Pe1$$

- This subject will be done during the first academic year.
- It is mandatory to do all practices and exercises to pass this training unit.

TIMETABLE:

TRAINING UNIT	LENGTH	STARTING DATE	ENDING DATE	TERM		
				1st	2nd	3rd
TU1	84H	16/09/13	18/04/14	X	X	
TU2	84H	---	---		---	---
TU3	30H	21/04/14	30/05/13			X
TU4	---	----	----	--	---	---