

efficiently.

the operating system in read only mode.

$SS201\mu$ Introduction to the Internal Design of Operating Systems

Quizz 2: Operating system data structures

TD1 •		1 .	. 1	C 11 .	
This	assessment	evaluates	the	tollowing	competencies:
T 1110	abbobbilit	CVaruates	ULIC	TOTTOWITTE	COMPONENTIAL CO.

• OS101 – Understand and define v	what is an operating system		(+1)
• OS102 – Explain mechanisms used the input/output	d by the operating system to abstract the CPU, the	e mem	ory and $(+1)$
• OS121 – Understand how the use call mechanism	er mode interacts with the kernel mode and explo	ain the	$system \ (+1)$
,	101), you have to fill in the following text with a must have the correct answer for the three missing		
An operating system manages	, which are a	bstra	ctions
for the computation resources	provided by the CPU. These correspondence	nd in	some
way to instances of	that are just sequences of ir	nstruc	ctions
stored in an executable file sto	ored on the .		
managed by the operating system to t	OS102), you have to link the three following dathe correct location where they are stored on the etency, you must have the correct answer for the	he con	nputing
1. Page table		Main 1	memory
2. Translation Look-Aside Buffer			Disk
	0	I	Register
3. Suspended process	0		Cache
9	t assessed competency (OS121). For each of then et a star for the competency, you must have the competency.	, .	
OS121		True	False

It is necessary to know the code of the system call handler to be able to use the system call

The code of all the system call handlers is stored in a special ROM memory only accessible by

The code of the system call handler is always executed in user mode.