



Lab Card

Lab Number
ENP-S-03-C1-044

Laboratory Type	Computer Lab (2)		(2) مختبر كمبيوتر	
Building	South Building – 3 rd Floor			
Capacity	20 PCs - 108.8 Area (sq. m.)			
Equipment (Furniture – Appliances)	1	<ul style="list-style-type: none">20 PCs are equipped with: Windows10 Enterprise, OS, MS Office 365 software: Edsim 51 Keil uVision5 Micro-IDE Arduino Eclipse for Java Quartus II 13.1 (64-bit) Web Edition MATLAB R2019b CUDA toolkit 11.8 Visual Studio 2019 community version IBM Rational Software Architect Designer Cisco Packet Tracer, Safe Exam Browser v3.3.1.388 VLC media player NetSupport Microsoft Edge Vision v9.7 Adobe 7-Zip PyCharm Community Edition Python 3.10 (64-bit) <p>The laboratory is equipped with: Electricity sockets & network points connected to the internal network of Kuwait University.</p>		
	2	<p>The laboratory is equipped with:</p> <ul style="list-style-type: none">20 tables & 20 chairs		
	3	<ul style="list-style-type: none">Instructor Table & ChairIsland Pinch Shelving + Wall cabinets13 Long Table & 13 ChairsCabinets & Drawers		
	4	<ul style="list-style-type: none">Good ventilation & proper lighting in the laboratory.Suitable temperature for summer and winter climates.The presence of curtains to prevent sunlight from entering the laboratory to maintain the devices.The presence of the display screen in a suitable place for the teacher and students.		
	5	<p>13 MicroTRAK/STM32F7-KU Training Kits with:</p> <ul style="list-style-type: none">MINIMAX/STM32F745-KU microcontroller boardUniversal I/O module: that has 32 switches to control the microcontroller inputs and 32 LEDs to indicate port status.TB-1 peripheral board: that includes many features such as 3 Traffic light LED's (red, yellow, green), a programmable buzzer, 2 switch inputs, and many other features.Expansions pins for extra peripherals: EEPROMS, RTC, motors.KeypadLCDBluetooth moduleAdapter for the power supplyUSB connectionsSerial Connection		
Computers Status	Model: Intel(R) Core (TM) 17-8700 CPU @ 3.20GHz 3.19 GHz Memory: 16.0 GB RAM			
Accommodation for people of determination	<ul style="list-style-type: none">Allocating seating places for the disabled on the edges of corridors and rows, on flat places, near services and emergency doors.The availability of the necessary spaces that allow the disabled to move and see clearly.			
Safety & Security	<ul style="list-style-type: none">Doors open outward with electronic card system.Fire-fighting equipment inside the laboratory: Fire Extinguisher, Fire Blanket & First Aid Kit.Evacuation Plan: Presence of safety guidelines to evacuate the plant in the event of a fire.Wiring extensions are safe and do not pose a risk to students.Smoke Alarm			

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- The Medical CpE Clinic -South Building, Ground Floor- operates for 12 hours daily- 24983455
- Call/WhatsApp Helpdesk: 24984444 to report an issue / malfunction.

Laboratory Uses	Non-Teaching Lab Open for students from 8:00 am to 2:00 p.m.
Officials	Dana Mubarak, Hanadi Al-Rashidi & Armando Vegiga
Awareness & Guidance	The presence of instructions for correct use & instructions to maintain laboratory equipment,

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As general-purpose labs, the department provides its students two labs for the exclusive use of the Computer Engineering Department. These PC labs are located at Non-Teaching Labs, S03 B1 030 and S03 C1 044 on the 3rd Floor of the south Building. Each Lab is equipped with 20 high-end PCs. Software necessary for student work is available, e.g., Visual Studio, Java SDK, Microsoft Office, MATLAB, etc. Additionally, the specialized labs that are comprised of PCs also provide students with high-end PCs that are necessary for the conduct of courses related to these labs. All labs are equipped with printers and data show projectors. In case a data show projector is not mounted permanently in any lab, a portable data show projector is provided by the department.

كمختبرات للأغراض العامة، يوفر القسم لطلابه مختبرين للاستخدام الحصري لقسم هندسة الكمبيوتر. تقع مختبرات الكمبيوتر هذه في مختبرات غير تعليمية، S03 B1 030 and S03 C1 044، في الطابق 3 من المبنى الجنوبي. وكل مختبر مجهز بـ 20 جهاز كمبيوتر شخصي. كما أن البرمجيات اللازمة لعمل الطلاب متاحة، على سبيل المثال Visual Studio, Java SDK, Microsoft Office, MATLAB, الخ. بالإضافة إلى ذلك، توفر المختبرات المتخصصة أجهزة الكمبيوتر المتطورة اللازمة للمقررات المتعلقة بهذه المختبرات. تم تجهيز جميع المختبرات بأجهزة عرض البيانات. في حالة عدم تركيب جهاز عرض البيانات بشكل دائم في أي مختبر، يتم توفير جهاز عرض بيانات محمول من قبل القسم.

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