Lab Card

Laboratory Type	Network Lab – CISCO Networking Academy Partner	مختبر الشبكات
Building	South Building – 3rd Floor	
Capacity	19 HP PCs, 110.8 Area (m2)	

Equipment (Furniture – Appliances)	1	The laboratory is equipped with: • Windows10 - 64bit • Netop Vision • Acrobat Reader • Google Chrome • IZArc • Microsoft Office 2019 • Microsoft Visio 2019 • Microsoft Project 2019 • Microsoft Visual Studio 2019 (200) • Eclipse luna (201) (207)
	2	3 Network Cabinet, Bi fold doors side doors with accessories.
	3	12 CISCO CATALYST-1000 SERIES SWITCH
	4	12 CATALYST CISCO 8200 SERIES
	5	26 Table Hub
	6	20 Wifi Adapter for PCs + Ethernet+ Adapter + Network Cable accessories.
	7	2 OSCILLOSWPE-TEKTRONI- TEK-2211
	8	8 SMART MESH WI-FI ROUTER EXO AC2600
	9	3 D link Black Router
	10	1 D link white Router
	11	6 Patch Panel
	12	▪ SparkFun Raspberry Pi 3 Kits
	13	The laboratory is equipped with: ▪ Extron Control Touch Panel- for speaker & ceiling Camera ▪ Projector & display curtain • Digital ceiling Camera
	14	▪ Instructor Table & Chair ▪ Island Pinch Shelving + Wall Shelving ▪ 18 Table & 18 Chairs & 5 Desk Chair with 360º Tablet Rotation ▪ 1 Small black Network Cabinet ▪ White board
		The laboratory is equipped with electricity sockets & network points connected to the internal network of Kuwait University. PCs are equipped with: Windows10 Enterprise, OS, MS Office 365 software, antivirus programs, Cisco Packet Tracer, IBM Rational Software Architect Designer.

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	▪ 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. ▪ The laboratory has computers equipped with talking and screen enlargement programs. ▪ Wiring extensions are safe and do not pose a risk to students. ▪ Easy access to the primary electrical control switch to shut down all devices.

• The Safety & Security Dept. Emergency Line (ext. 3333, direct line 24893333) operates 24hours a day, including Fridays & public holidays.
• The Medical CpE Clinic -South Building, Ground Floor- operates for 12 hours daily- 24983455
• Call/WhatsApp Helpdesk: 24984444 to report an issue / malfunction.

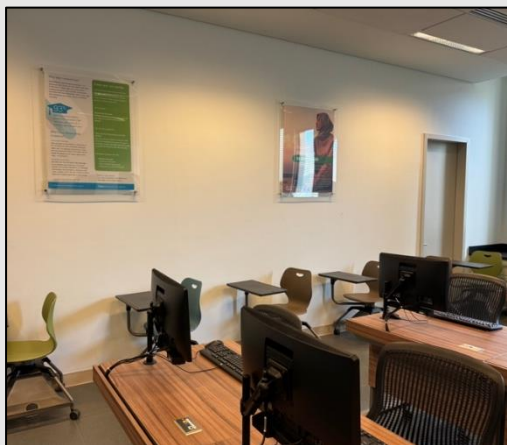|	
Safety & Security	▪ Doors open outward with electronic card system. ▪ Fire-fighting equipment inside the laboratory: Fire Extinguisher, Fire Blanket & First Aid Kit. ▪ Evacuation Plan: Presence of safety guidelines to evacuate the plant in the event of a fire. ▪ Wiring extensions are safe and do not pose a risk to students. ▪ Easy access to the primary electrical control switch to shut down all devices. ▪ Smoke Alarm
Laboratory Uses	This lab facilitates students' learning (core & elective subjects) in various fields like: Computer Networks CpE-356 Computer Networks Laboratory CpE-357L Advanced Computer Networks CpE-456L
Officials	Eng. Layla K. Kamel, Hana R. Al-Rushoud & Zainab M. Behbehani
Awareness & Guidance	The presence of instructions for correct use & instructions to maintain laboratory equipment,

It provides students with the computer networks-related practical & hands-on experience required in the work field. The lab facilitates training students for many Cisco certifications, focusing on two courses in undergraduate curriculum—the Cisco Certified Network Associate (CCNA) & Cisco IoT Fundamentals 2.0 certifications. The lab comprises 18 PCs, 12 Cisco routers, 12 Cisco switches, 6 WIFI access points, and SparkFun Raspberry Pi 3 Kits with other electronic components are available in the lab. 5 certified faculty members & 5 certified TAs.

يوفر مختبر شبكات الكمبيوتر للطلاب الخبرة العملية والعملية المتعلقة بشبكات الكمبيوتر المطلوبة في مجال العمل. يسهل المعمل تزويد الطلاب بالعديد من شهادات Cisco؛ كما يتم التركيز على مقررين في مناهجنا الجامعية:

Certified Network Associate (CCNA).

Cisco IoT Fundamentals 2.0

يضم المعمل 18 جهاز كمبيوتر, و12 جهاز توجيه Cisco, و12 محول Cisco, و6 نقاط وصول WIFI, مجموعة SparkFun Raspberry Pi 3 مع المكونات الإلكترونية الأخرى, ولدينا حاليًا خمسة أعضاء هيئة تدريس معتمدين وخمسة مساعدين تدريس معتمدين.

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