Lab Card

Laboratory Type	Software & Programming Lab	مختبر البرمجة والبرمجيات
Building	South Building – 3rd Floor	
Capacity	21 hp PCs - 93.2 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) The laboratory is equipped with: electricity sockets & network points connected to the internal network of Kuwait University.
	2	The laboratory is equipped with: ・ Extron Control Touch Panel- for speaker & ceiling camera ・ Projector & display curtain ・ Digital ceiling Camera
	3	▪ Instructor Table & Chair ▪ Black small Network Cabinet ▪ 20 Table & 20 Chairs ▪ Wall White board
	4	・ 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 & students.

Computers Status	Model: Intel(R) Core (TM) 17-8700 CPU @ 3.20GHz 3.19 GHz Memory: 16.0 GB RAM GB RAM
Accommodation for people of determination	・ Allocating seating place 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. ・ Doors open outward ・ The presence of fire-fighting equipment near the laboratory. ・ Evacuation Plan/Evacuation Officer: 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.
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.

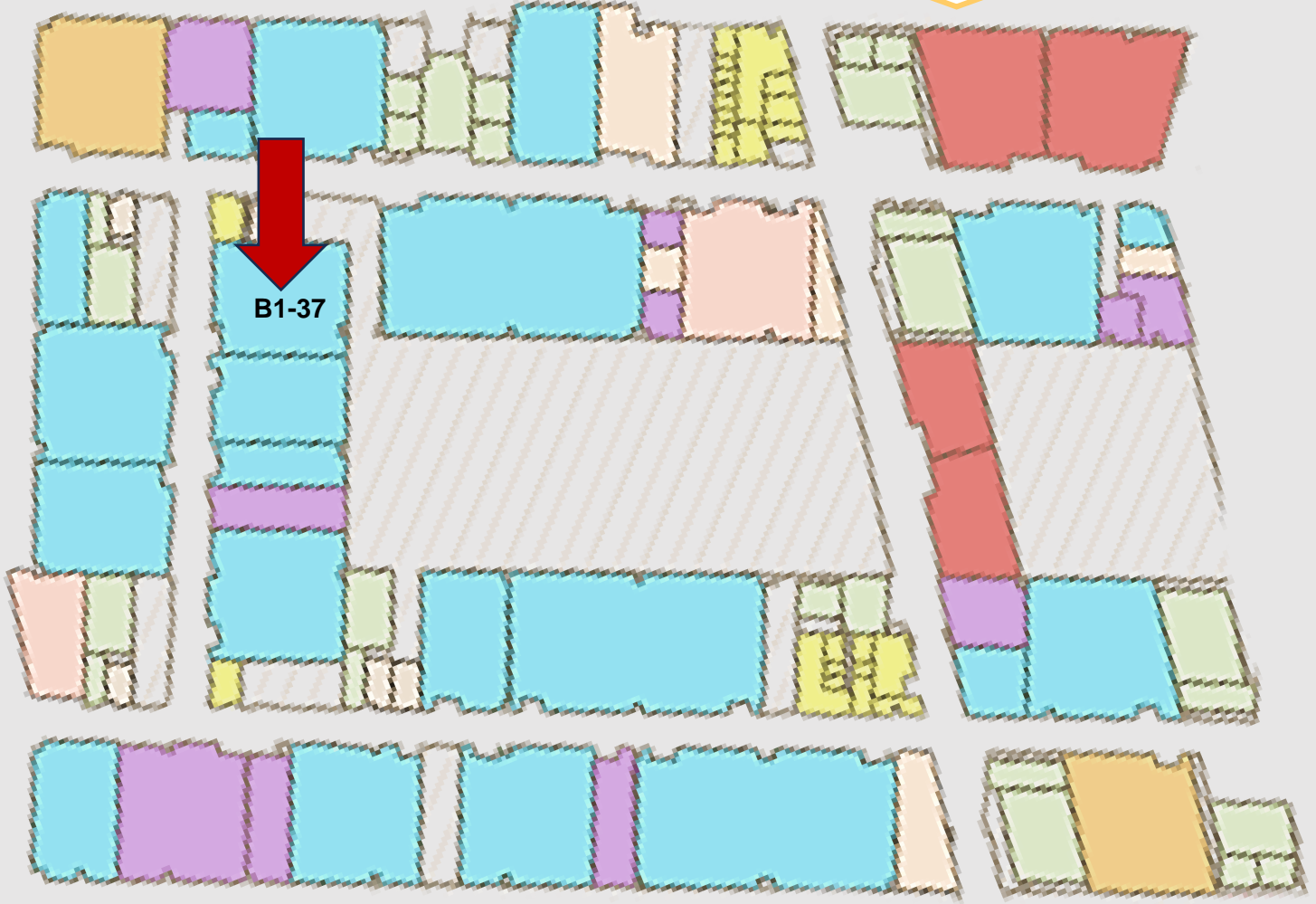| Laboratory Uses	Courses: CpE-200L CpE-201L CpE-207L CpE-221L CpE-456L
Officials	Eng.
Awareness & Guidance	The presence of instructions for correct use & instructions to maintain laboratory equipment,

The laboratory is one of the most recent laboratories deployed recently (August 2021). This lab is Equipped with 34 FUJITSU SIEMENS, 2 cisco 3800 and 2 catalyst 2960 series POE8. The lab is used for network courses practical exercised to give students opportunity to practice how to connect several computers together using switches, hubs and routers while configuring IP/subnet addresses as well as getting familiar with the details of VLANs and how switches and routers are configured using the CLI. The material reflects Cisco based courses that are tailored for practicality. Currently, the network TAG is developing a laboratory manual to be used in courses and utilize the various resources available in this laboratory in more systematic way.

المختبر هو واحد من أحدث المختبرات التي تم انشاؤها مؤخرا (أغسطس 2021). تم تجهيز هذا المختبر ب 34 FUJITSU SIEMENS, 2 سيسكو 3800 و 2 محفز 2960 سلسلة POE8. يستخدم المختبر لمقررات الشبكة العملية التي يتم ممارستها لمنح الطلاب فرصة لممارسة كيفية توصيل العديد من أجهزة الكمبيوتر معا باستخدام المحولات والمحاور وأجهزة التوجيه أثناء تكوين عناوين IP / الشبكة الفرعية بالإضافة إلى التعرف على تفاصيل شبكات VLAN وكيفية تكوين المحولات وأجهزة التوجيه باستخدام CLI. تعكس هذه المقررات الجوانب التدريبية القائمة على Cisco والمصممة خصيصا للتطبيق العملي. وتقوم الشبكة حاليا بتطوير دليل مختبري لاستخدامه في المقررات واستخدام الموارد المختلفة المتاحة في هذا المختبر بطريقة أكثر منهجية.

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ENP-S-03-B1-037

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