



# Lab Card

Lab Number  
**ENP-S-03-B1-026**

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|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Laboratory Type                           | Computational Intelligence Lab                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | مختبر الذكاء الحاسوبي |
| Building                                  | South Building – 3 <sup>rd</sup> Floor                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Capacity                                  | 6 HP PC's and 2 FUJITSU PC - 70.9 Area (m2)                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Equipment<br>(Furniture – Appliances)     | 1                                                                                                                                                                                                                                                                                                                                                                                                                     | The laboratory is equipped with: <ul style="list-style-type: none"><li>▪ Extron Control Touch Panel- for speaker &amp; ceiling camera</li><li>▪ Projector &amp; display curtain</li><li>▪ Digital ceiling Camera</li></ul>                                                                                                                                                                                                                                                                                                                                           |                       |
|                                           | 2                                                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>▪ 6 HP PC 's equipped Operating System: Microsoft Windows 11 Enterprise version 10.0.22621</li><li>Processor: 13<sup>th</sup> Gen Intel® Core™ i7-13700</li><li>Memory: 32 GB</li><li>▪ 2 Fujitsu PC equipped with: Windows10 Enterprise, MS Office, Raspberry pi imager v1.8, Arduino IDE 2.3, Fischer Technik RoboPro Terminal, PyCharm Community Edition, Eclipse for JAVA, StarUML.</li></ul> The laboratory is equipped with electricity sockets & network points connected to the internal network of Kuwait University. |                       |
|                                           | 3                                                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>▪ Instructor Table &amp; Chair.</li><li>▪ Island Pinch Shelving + Wall Shelving.</li><li>▪ 15 black tables &amp; 12 Chairs.</li><li>▪ White board.</li><li>▪ Small Black Network cabinet</li></ul>                                                                                                                                                                                                                                                                                                                             |                       |
|                                           | 4                                                                                                                                                                                                                                                                                                                                                                                                                     | 1Electrical drilling machine<br>1Electrical Minecraft<br>1Electric smoothening machine<br>3 Soldering station                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |
| Computers Status                          | Model: HP Pro Tower 400 G9 PCI Desktop PC<br>Memory: 32 GB RAM                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Accommodation for people of determination | <ul style="list-style-type: none"><li>▪ Allocating seating places for the disabled on the edges of corridors and rows, on flat places, near services and emergency doors.</li><li>▪ The availability of the necessary spaces that allow the disabled to move and see clearly.</li></ul>                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Safety & Security                         | <ul style="list-style-type: none"><li>▪ Doors open outward with electronic card system.</li><li>▪ Fire-fighting equipment inside the laboratory: Fire Extinguisher, Fire Blanket &amp; First Aid Kit.</li><li>▪ Evacuation Plan: Presence of safety guidelines to evacuate the plant in the event of a fire.</li><li>▪ Wiring extensions are safe and do not pose a risk to students.</li><li>▪ Smoke Alarm</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Laboratory Uses                           | Robotics Course, CpE-434 Course                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Officials                                 | Eng. Tarik Abdul Aziz Al Melhem                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Awareness & Guidance                      | The presence of instructions for correct use & instructions to maintain laboratory equipment,                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |

- 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.

Computational Intelligence Lab is a special computer laboratory that contains 10 iMac PCs and serves all the students of the CpE department. This laboratory serves CpE-434 (Robotics) as well as any other course requiring design and development activities such as CpE-395 and CpE-495.

مختبر الحوسبة الذكية مختبر خاص يحتوي على 10 أجهزة iMac لخدمة طلبة قسم هندسة الكمبيوتر. يخدم هذا المختبر CpE-434 (الروبوتات) بالإضافة إلى أي مقرر آخر يتطلب أنشطة تصميم وتطوير مثل CpE-395 و CpE-495.

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