

# CLASSROOM INFORMATION: COMPUTER SCIENCE 214

## EQUIPMENT

Projector	Lectern	Available on request
<ul style="list-style-type: none"><li>1 data projector</li><li>1 screen for projector output</li></ul>	<ul style="list-style-type: none"><li>Classroom PC with mouse, keyboard, optical drive, and USB ports</li><li>Kramer control panel</li><li>Network cable</li><li>Laptop / HDMI input panel</li><li>Power sockets</li></ul>	<ul style="list-style-type: none"><li>Portable document camera</li></ul> <p>Ask Classroom Support Services to provide a portable document camera. Email the request to <a href="mailto:icts-css@uct.ac.za">icts-css@uct.ac.za</a> before class, or if you're already in the classroom, use the phone on the teaching wall to contact them (option 2).</p>

## LIGHTING

Use the blind controls and the light switches on the teaching wall to adjust the lighting as needed.

**Caution:** To prevent damage to the blinds, please close windows before rolling down blinds.

## DATA PROJECTOR

### 1. SETTING UP THE SCREEN

Use the **Screen Centre** dial on the teaching wall to set the screen at the required height.

### 2. OPERATING THE PROJECTOR

Use the buttons on the lectern Kramer control panel to turn the projector on/off.

**Note:** The projector may take a minute to warm up before you can use it. If it's recently been switched off, wait a few minutes before switching it on.

### 3. SELECTING INPUTS

The projector can display one of these inputs:

Input	Instructions
<b>Classroom PC</b>	The classroom PC is projected by default.
<b>HDMI laptop* / other HDMI device</b>  <i>*Note: VGA laptops are not supported in this classroom. Only HDMI-enabled laptops can be projected.</i>	<p>Connect the HDMI cable from the lectern to your laptop / HDMI device, then in the <b>SOURCES</b> section of the Kramer control panel, press <b>LAPTOP</b>.</p> <p>If the projection screen doesn't display your laptop screen output:</p> <ol style="list-style-type: none"><li>Look for a Function (F1, F2, etc.) key on your laptop keyboard that represents the monitor display.</li><li>Hold the Fn key and press the relevant monitor display key.</li></ol> <p><b>Internet / network access</b></p> <ul style="list-style-type: none"><li>To use the wired network, connect the network cable from the lectern to your laptop LAN socket.</li><li>To use the wireless network, connect your laptop to UCT's eduroam wi-fi service*.</li></ul> <p>* See <a href="http://www.icts.uct.ac.za/wireless-at-UCT">www.icts.uct.ac.za/wireless-at-UCT</a> for detailed instructions.</p>
<b>Document camera</b>	<ol style="list-style-type: none"><li>Ask Classroom Support Services to provide a portable document camera. Email the request to <a href="mailto:icts-css@uct.ac.za">icts-css@uct.ac.za</a> before class, or if you're already in the classroom, use the phone on the teaching wall to contact them (option 2).</li><li>The CSS consultant will connect a portable document camera to the projector.</li></ol>

## 4. USING THE CLASSROOM PC

The classroom PC is built into the desk. Access the keyboard by pulling out the tray under the desk surface.

<b>Logging into the PC</b>	The classroom PC is already connected to the UCT network, which allows you to access the internet and your network drives (e.g. G: drive). <ol style="list-style-type: none"><li>1. At the login screen, log in using your UCT username and password.</li><li>2. When you've finished using the PC, click the <b>Start button</b> &gt; <b>Log off</b>. This will log you out so that others can't access your UCT network account.</li></ol>
<b>Using a CD / DVD</b>	You can play CDs or DVDs using the classroom PC's built-in optical drive. The drive is located on the right-hand side of the lectern – next to the keyboard.
<b>Using a USB flash drive</b>	To access content from your own USB flash drive, plug your flash drive into one of the <b>USB</b> ports.

**Caution:** Do not save any files onto the classroom PC because your data will be lost when the PC reboots. Save all files to your own USB flash drive, cloud storage, or a network drive.

## 5. USING THE DOCUMENT CAMERA

The document camera acts as a writing surface – similar to writing on an overhead projector slide. It can also project existing documents, images and objects.

When the CSS consultant sets up the portable document camera, ask for a quick overview of how to operate the device.

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## AUDIO LEVELS

Use the built-in volume control on the classroom PC / your laptop.

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## PACKING UP

1. If your class is the last before Meridian or at the end of the day, turn off the data projector.
2. Remove your flash drive and remove any CDs / DVDs you've used in the optical drive.
3. If you've used the classroom PC, log out by clicking the **Start button** > **Log off** then stow the keyboard tray under the desk surface.
4. Leave all cables in their original positions on the lectern.
5. Store the chalk and the chalk duster in the holder on the wall (i.e. not the lectern).
6. Roll up the blinds and projector screen.
7. If you've used a document camera, a CSS consultant will collect the device after your lecture.

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## NEED HELP? *(Telephonic support hours: 7.30 AM to 6PM, Monday to Friday)*

Send an email to [icts-css@uct.ac.za](mailto:icts-css@uct.ac.za), or for immediate assistance, use the phone on the teaching wall:

1. If a list of UCT departments is not visible, tap **People**.
2. Tap the relevant service:
  - **Campus Protection** for safety and security issues, and other emergencies
  - **Classroom Support** for classroom support
  - **P & S Maintenance** for maintenance issues
3. You can take the call over the built-in speaker, or pick up the handset to take the call privately.
4. Hang up the phone to end the call.