

# What kit can I borrow?

An extensive array of equipment is available in addition to [the fixed equipment listed here](#).

Please bear in mind that the way technical services operate is as a collaboration; we're not just a kit room; we expect you to come to us early in your project life cycle and work with our team to validate the need for the equipment.

If you have suggestions for new products we should get, please email [cci.technical@arts.ac.uk](mailto:cci.technical@arts.ac.uk), and we'll consider it.

You are responsible for looking after and returning the equipment before you finish your course. The equipment must be returned to the correct building. We use a colour code on the labels to help everyone remember which item goes in which building.

- Red background: Peckham Road
- Green background: Greencoat Building
- Yellow background: High Holborn
- Black background: Eagle Wharf
- White background: Temporary labels



[View the full catalogue](#) - This is only visible from UAL-WiFi on campus or via the Staff VPN.

## **Important:**


While this equipment is available to all students to use, we don't usually loan single items over £100 for off-site use due to insurance issues.


## Kit List

*This list was updated on 12/11/2024.*

- 1.5A 5VDC Plugtop Power Supply


- [10W Stereo Amplifier Kit w/o Speakers](#)
- 12V 2A 24W DC Power Supply
- [12V Linear Solenoid](#)
- [12V NeoPixel Strip of 21](#)
- 2 Relay breakout
- [2.0" 320x240 Color IPS TFT Display with microSD Card Breakout](#)
- 24VDC 1A 24W
- [28BYJ-48 - 5V Stepper Motor](#)
- 36W Volt Adjustable Multi Output
- [3pi+ 32U4 OLED Robot](#)
- 5V 4AMP DC Power Supply
- 5V Power Adapter
- [6-12V R385 DC Diaphragm Pump](#)
- [64x32 RGB LED Matrix - 4mm pitch](#)
- [6V Air Valve](#)
- 6x Arcade buttons
- 9V Power Adapter
- [AC/DC Adapter 12V 2A](#)
- [AC/DC Adapter 9V 2.5A](#)
- [ADXL343 Accelerometer](#)
- AGPTEK Lavalier Microphone
- AGPTEK Media Player
- [ASUS ZenScreen Go MB16AHP](#)
- [AXA HR Traction Bike Dynamo](#)
- [Adafruit 2.8" TFT LCD Display](#)
- [Adafruit BNO055 Absolute Orientation Sensor](#)
- [Adafruit Bicolor LED Square Pixel Matrix with I2C Backpack](#)
- [Adafruit CRICKIT Robot and Chassis Kit](#)
- Adafruit DS3231 Precision RTC
- [Adafruit Data Logging Shield](#)
- Adafruit FLORA Wearable Electronics
- Adafruit Feather M0 Adalogger
- Adafruit Joystick Module
- [Adafruit MPR 121 Capacitive Touch Sensor](#)
- [Adafruit Matrix Portal - CircuitPython Powered Internet Display](#)
- [Adafruit NeoPixel Ring](#)
- [Adafruit PCA9685 16-Channel Servo Driver](#)
- [Adafruit RGB Matrix Shield for Arduino](#)

- [Adafruit Software Defined Radio](#)
- [Adafruit Stereo FM Transmitter](#)
- [Adafruit Thumb Joystick](#)
- [Adafruit WINC1500 WiFi Shield for Arduino](#)
- [Adafruit nRF52840 Feather](#)
- [Adafruit white 7-segment display w/backpack \(HT16K33\)](#)
- [Adafruit white alpha display w/backpack \(HT16K33\)](#)
- Adept 5-DOF Robot arm kit
- [Air Pump and Vacuum DC Motor - 4.5 V and 2.5 LPM](#)
- [Altitude / Air Pressure Sensor MPL3115A](#)
- Analog DC Current Sensor Breakout - 60V 5A Max
- [Analog pH Sensor / Meter Kit](#)
- [Anker PowerConf S500](#)
- [Anker PowerCore 20100 20000mAh Battery Pack](#)
- [Anker PowerCore Essential](#)
- [Ape Labs W-APP wireless Transceiver](#)
- [Apple 85W MagSafe 2 Power Adapter](#)
- [Apple 85W MagSafe Power Adapter](#)
- Apple Lightning to 3.5 mm Headphone Jack Adapter
- [Arduino BLE Sense](#)
- [Arduino Joystick Module](#)
- [Arduino Leonardo](#)
- Arduino Leonardo Pack
- [Arduino MKR1000](#)
- [Arduino Mega](#)
- Arduino Mega Breakout Board
- [Arduino Micro](#)
- Arduino Pack
- [Arduino Uno](#)
- [Arduino Uno Rev 4](#)
- [Atomos HDR Ninja Inferno](#)
- [Axis P5534 PTZ Dome Network Camera](#)
- BBC Micro bit 
- [Bare Conductive Light Up Board](#)
- [Bare Conductive Touch Board](#)
- [Behringer MicroAMP HA400 - Compact 4 channel stereo headphone amp](#)
- Behringer U-Phoria UMC204HD

- [Behringer Xenyx 1002 mixer](#)
- [Bela](#)
- Belkin USB-C Ethernet
- Big Easy (Stepper) Driver
- [Bit:Bot XL](#)
- Black and Decker Heat Gun
- Bluetooth USB Dongle
- [Brennenstuhl PM 231 Power Meter](#)
- CK Tools T3887 Ecotronic ESD Side Cutters
- CK Tools T3963 Cable Cutters 210mm
- Canon EOS M50 camera + 15-45mm lens
- [Carrying Bag for 3x Godox LED500C flood lights](#)
- [Clear Turbine Water Flow Sensor](#)
- [Coin Acceptor](#)
- Colour sensor 2
- [Conductive Rubber Cord Stretch Sensor](#)
- [Contactless Smart Card Reader](#)
- D-Link DGS-105 5 Port Gigabit Switch
- [DFR Analog Sound Sensor](#)
- [DFR0794 Electromagnet 0.6KG](#)
- [DFR0796 Electromagnet 5KG](#)
- [DFROBOT Beetle](#)
- DFROBOT Gravity: HUSKYLENS
- [DFRobot Heart Rate Sensor](#)
- [DFRobot LCD Keypad Shield](#)
- [DFRobot MP3 Player](#)
- [DFRobot Waterproof DS18B20 Digital Temperature Sensor](#)
- DHT11 Temperature-Humidity Sensor Module
- [DMX Dimmer Pack 4-ch](#)
- [DMX Relay Pack 4-ch](#)
- [DRV2605L Haptic Driver & Motor](#)
- [DS1302 REAL-TIME CLOCK MODULE](#)
- [Dell Wired Keyboard](#)
- [Displaytech Alphanumeric LCD](#)
- [Dynamixel AX-12A](#)
- [Dynamixel AX-12W](#)
- [ECOPAC 60W USB-C Mains Charger](#)

- [EL Wire & AC Power Inverter](#)
- [ELO 10" Touchscreen 1002L](#)
- [ESP-EYE](#)
- ESP32
- [EXTECH EX330 Multimeter](#)
- [Ear-clip Heart Rate Sensor](#)
- [Einstar Shining 3D](#)
- [Electret Mic Amp](#)
- [Electric Heating Pad](#)
- [Eurolite LED Bar-6 QCL RGBW](#)
- [Eurolite LED SLS-7 QCL 7x10W Floor](#)
- Eurolite QuickDMX Wireless Bundle
- [FLIR Teledyne Blackfly Color camera](#)
- [FLIR Teledyne Firefly IR camera](#)
- [Fan-200 DMX Wind Machine](#)
- [Feetech FS90 Mini Servo](#)
- [Feetech FS90R Servo and Wheel](#)
- [Flame Sensor](#)
- [Fluke 414D Laser Measure](#)
- Focusrite Scarlett 4i4 3rd Gen
- [Focusrite Scarlett Solo USB Audio Interface](#)
- Force Sensor Squared
- Force sensor
- [GP2Y0D02YK0F Sharp Distance Sensor](#)
- GY-271 Compass Magnetometer Sensor
- Galleon LiPo 400mAh 3.7V Battery
- [Galvanic Skin Response Sensor](#)
- [Garmin LIDAR-Lite V3HP](#)
- [Genelec 8020D](#)
- Glue Gun
- [Grove - Temp&Humi Sensor](#)
- Grove - Water Atomization
- [Grove Barometer Sensor \(BMP280\)](#)
- [Grove Base Shield V2.0 for Arduino](#)
- Grove Dust Sensor
- [Grove EMG Detector](#)
- [Grove Electromagnet](#)

- [Grove Finger Print Scanner](#)
- [Grove Moisture Sensor](#)
- [Grove Multichannel Gas Sensor](#)
- [Grove Shield](#)
- [Grove Sound Sensor](#)
- [Grove Speech Recogniser](#)
- [Grove Water Atomisation](#)
- [HALJIA ISD1820 Audio Sound Voice Recording Playback Module](#)
- HC-05 Bluetooth Module
- [HT16K33 LED Backpack 1.2"](#)
- [HiTech HS-311 Standard Servo](#)
- [HyperPixel 2.1 Round](#)
- [HyperPixelXP](#)
- IMU 9DoF with Nano attached
- [IRF520 MOSFET Driver Module](#)
- [Inspection Camera](#)
- JSAUX DISPLAYPORT TO HDMI
- [Jabra Evolve 20](#)
- [Jen's Feedback Shield](#)
- [KEPO Miniature Speaker](#)
- [Kemo Bicycle USB Charger](#)
- [Kinect Azure](#)
- Kingston DataTraveler microDuo 3C 32GB
- Kingston DataTraveler microDuo 3C 64GB
- [Kitronik ZIP Stick - 5](#)
- [Korg nanoKEY2 \(USB MIDI Keyboard\)](#)
- [Korg nanoKONTROL2 \(USB MIDI controller\)](#)
- [Korg nanoPAD2 \(USB MIDI controller\)](#)
- [L298N Bi-directional Dual Motor Driver](#)
- [LAP GU10 Spike Light 7310X](#)
- LCD 2
- [LCD 1602 with 12C](#)
- [LCD 1602 with 12C 20x4](#)
- [LCD 3.2inch TFT Display](#)
- [LCD Display Backlight](#)
- [LCD Display Backlight \(Blue\)](#)

- [LV-EZx Series Maxbotix Ultrasonic Rangefinder Sensor 150-6000mm](#)
- Large Breadboard
- Large Rotary Encoder
- [Large push-pull solenoid](#)
- Laser Cutter Key
- [Leap Motion Hand Tracker](#)
- [Leap Motion Hand Tracker 2](#)
- [Lens for Raspberry Pi High Quality Camera](#)
- LiPo Cell Battery
- Linear Actuator 
- [Logitech BRIO 4K Webcam](#)
- [Logitech C270 HD Webcam](#)
- [Logitech C920 PRO 1080p Webcam](#)
- [Logitech C930e 1080p Webcam](#)
- Logitech Mouse
- [Logitech Spotlight presentation remote](#)
- Logitech Streamcam
- Logitech Streamcam (infrared mod)
- Logitech wireless keyboard and trackpad
- Logitech wireless keyboard with trackpad
- [M5Stack Core2 Development Kit](#)
- M5Stack Fire Development Kit
- [M95 GSM / GPRS Shield for Arduino](#)
- MAKITA BRUSHLESS CORDLESS COMBI DRILL
- [MAX30101 - Heart Rate, Oximeter, Smoke Sensor](#)
- [MD 9930 Thermal camera](#)
- MECO ELEVERDE USB 3 HUB
- [MFA Geared Motor 100:1](#)
- [MFA Geared Motor 11:1](#)
- [MFA Geared Motor 148:1](#)
- [MFA Geared Motor 500:1](#)
- [MFA Geared Motor 810:1](#)
- [MFRC522 RFID Module](#)
- [MICRO METAL GEARMOTOR COM0800](#)
- [MICS6814 3-in-1 Gas Sensor Breakout \(CO, NO2, NH3\)](#)
- [MULTICOMP PRO MP001186](#)
- [Makey Makey](#)
- [Makita BL1830B 3.0Ah 18V Lithium Battery](#)

- [Makita DHP483 Combi Drill](#)
- [Makita DTD155 Impact Drive](#)
- Manfrotto 055 Tripod and 324RC2 Joystick Head
- [Manfrotto 290 Xtra Tripod w/ 128RC Pan-tilt](#)
- [Manfrotto 290 light Tripod](#)
- [Martin Rush Par 1 RGBW](#)
- Micro HDMI to HDMI Adapter
- [Micro SD Card Breakout Board](#)
- [Micro SD Card Breakout Board \(5v\)](#)
- Microsoft Kinect v2 for Windows
- [Mini 8x8 LED](#)
- Mini Amplifier
- Mini Solenoid - COM2700
- Mini Tripod
- MiniMad
- Motorola DS4208 Handheld Scanner
- Muse 2 - The Brain Headset
- [MyoWare 2.0 Arduino Shield](#)
- [MyoWare 2.0 Cables & Shield](#)
- [MyoWare 2.0 LED Shield](#)
- [MyoWare 2.0 Link Shield](#)
- [MyoWare 2.0 Muscle Sensor](#)
- [MyoWare 2.0 Power Shield](#)
- NANLITE PavoTube 6C
- Nano Board ATmega328P 5V 16M Micro-Controller Board
- [Neewer Ring Light NW-LED010](#)
- [NeoMatrix 8x8](#)
- [NeoPixel Ring 12](#)
- [NeoPixel Ring 16](#)
- [NeoPixel Stick - 8](#)
- NeoPixel Strip [\[1\]\[1\]\[2\]](#)
- [NeoPixel Strip of 20](#)
- [NeoPixel Strip of 24](#)
- [NeoPixel Strip of 30](#)
- Netgear GS108PP 8 Port Gigabit PoE+ Switch
- [NodeMCU ESP8266](#)
- [Nokia 5110 LCD Screen](#)
- [OLED Screen 1'30"](#)



- OSMO DJI Gimbal
- [OV7670 Arduino Camera](#)
- [Oculus Quest 2 256GB](#)
- [Olympus Compact Zoom Mic](#)
- Omnifixo OF M4.1
- [Optical Rain Gauge RG-9 Rain Sensor](#)
- [PLS 180G Laser Level](#)
- PWM Fans
- [Parallax Feedback 360 Servo](#)
- [Particle Photon](#)
- [Photon 2](#)
- [Playstation DualSense Charging Station](#)
- Power Pax 5V - USB Adapter
- [PulseSensor](#)
- RGB / Gesture Sensor APDS-9960
- RGB Light Sensor ISL29125
- RKamp4
- [Rain Drops Sensor](#)
- Raspberry Pi 4 2GB
- [Raspberry Pi 4 4GB](#)
- [Raspberry Pi 400](#)
- Raspberry Pi 5
- Raspberry Pi 5 27W USB-C Power Supply
- Raspberry Pi 5 8 GB
- Raspberry Pi Camera
- [Raspberry Pi Camera 2](#)
- [Raspberry Pi HQ camera](#)
- [Raspberry Pi Pico](#)
- Raspberry Pi Power Supply
- [Raspberry Pi Zero 2 W](#)
- [Raspberry pi 4 4GB](#)
- Reed Switch Sensor
- [Relay Sheild](#)
- Respeaker Microphone Array
- [Revolabs Single Mic](#)
- RoboPeak LIDAR Laser Scanner Dev Kit
- Robotics Kit
- [Robotis DYNAMIXEL Starter Set](#)
- [Rode Lavalier Go](#)

- [Rode VideoMicro](#)
- Rode Wireless GO II Wireless Microphone System
- Rotary Encoder
- Rotary flange with motor
- SATECHI USB-C Adapter
- SHURE C122 REPLACEMENT CABLE
- [SOIL MOISTURE SENSOR & WATER LEVEL SENSOR MODULE](#)
- [Samsung Portable SSD T7 \(2TB\)](#)
- Samsung T5 SSD 500GB
- Sealey Crimping Tool
- [Securview Infrared IR illuminator \(120 deg beam angle\)](#)
- [Securview Infrared IR illuminator \(60 deg beam angle\)](#)
- [Sharp GP2Y0A710K0F IR distance sensor 100cm-550cm](#)
- Sharp IR distance sensor >150cm
- [Shure MX150 Subminiature Lavalier Microphone](#)
- Shure SM58 LC Microphone
- [Simple RF Link Kit](#)
- Small Rotary Encoder
- [SmartMatrix SmartLED Shield \(V4\) for Teensy 3](#)
- SmartShow Lighting DMX Controller
- [SoftPot Membrane Potentiometer](#)
- Soil Moisture Sensor
- [Sony A6700 \(with 16-50mm lens\)](#)
- [Sony A6700 \(with 18-135mm lens\)](#)
- Sony A6700 A/C mains charger + battery
- Sony A6700 USB charger + battery
- [Sony DualSense PS5 controller](#)
- Sony Headphones MDR-V150
- [Sound Blaster X4 USB sound interface](#)
- [SoundCraft Notepad-12FX Analog Mixer](#)
- SparkFun IR Thermometer Evaluation Board - MLX90614
- [Sparkfun 12V Vacuum Pump](#)
- [Sparkfun MP3 Trigger](#)
- Sparkfun Mono Audio Amplifier Breakout Board
- [Sparkfun Sound Detector](#)
- [Sparkfun Tsunami](#)
- [Sparkfun WAV Trigger](#)
- [Sparkfun XBee Shield](#)
- [Spectra Industrial Motion & Position Sensors Flex Sensor 55.37mm Linear](#)

- Square FSR 38x38mm
- Stanley 4in1 screwdriver
- [Star TSP100 futurePrint](#)
- [StarTech 60W USB-C Mains Charger](#)
- Stepper Motor
- Stepper Motor with driver TB6600 Driver
- Stereo 3.7W Class D Audio Amplifier - MAX98306
- [SubZero SZ-miniCONTROL MIDI controller](#)
- [SubZero SZ-miniKEY MIDI Keyboard](#)
- [SubZero SZ-miniPAD MIDI controller](#)
- [Submersible 3V DC Water Pump](#)
- [TCA9548A I2C Multiplexer](#)
- TECKNET USB-A Ethernet
- [TECKNET USB-C Ethernet](#)
- Teensy
- [Temperature And Humidity Sensor DHT20](#)
- [The T.Bone EM700 Stereo Mic Set](#)
- [Thermal Printer](#)
- [Time-Of-Flight LiDAR Module](#)
- [Tower Pro Micro Servo 90g](#)
- [TruOpto 5m Addressable RGB LED Strip](#)
- [TruSens HC-SR501 PIR Motion Detector](#)
- [TruSens HC-SR505 Mini PIR Motion Sensor](#)
- [Trust Compact USB powered 6W speakers](#)
- [Type C charger black \(15/20W\)](#)
- UGREEN Micro HDMI to HDMI Adapter
- UGREEN SD Card Reader
- UNI USB-C SD Card adapter
- USB 2.0 A Male to Female Active Extension Lead, 5m Black
- USB 5V Power Supply
- USB A to Micro USB Cable - 1 meter black
- USB A to USB B Cable - 1 meter black
- USB DMX
- USB DVD Drive
- USB HDMI Capture card
- USB SD Card Reader
- USB Type A Female Breakout
- USB Type C Breakout Board
- USB to DMX interface (RS485 FTDI) [TTU2](#)
- USB-3 Type-C Oculus Link Cable

- [USB-C Ethernet adapter](#)
  - USB-C Male to USB-C Male Cable
  - USB-C Plug to USB-A Socket USB 3.0 Adaptor
  - USB-C to HDMI Adapter
  - USB-C to USB-A Adapter
  - USB-A 3.0 extension cable
  - [Vive Tracker 3.0](#)
  - [Wacom Intuos Pro S](#)
  - [Water Pump 1100GPH](#)
  - [Weather Meter Kit \(SEN-15901\)](#)
  - WiFi Bluetooth Adapter
  - Wired Controller USB Cable Gamepad
  - World to UK Power Adapter
  - [Xbox Wireless Controller](#)
  - Yunteng VCT-520RM Tripod
  - [Zoom H1n \(Stereo Audio Recorder\)](#)
  - [Zoom UAC-8 Audio Converter](#)
  - [nVidia Jetson Nano Developer Kit B01](#)
  - [nVidia Jetson Orin Nano Developer Kit](#)
  - [tobii eye tracker 5](#)
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