



DEVICE

SPECIFICATIONS LIST 2025



Creative &
Technology
Universitas

www.ctutrainig.ac.za

V2





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BRING YOUR OWN DEVICE

BECAUSE CTU IS EMBRACING THE FUTURE OF EDUCATION - EDUCATION BEYOND THE CLASSROOM

IT IS COMPULSORY FOR STUDENTS TO HAVE THEIR **OWN LAPTOP** WITH THE NECESSARY SPECIFICATIONS TO SPEED UP THEIR JOURNEY TO SUCCESS

NOTICE!

- **A device & data is compulsory on and off campus.**
- **Wifi access restricted to resource centres. A minimum of 20 Gig* data is compulsory.**
- **Uncapped data is recommended.**

***Unless otherwise stated in your programme information**



DISTANCE LEARNING

Distance Learning: Please note that the same device specifications apply for our Distance Learning programmes with the inclusion of a web camera.

LEARNING RESOURCES

O'REILLY ONLINE LEARNING:

An online library of books, video and tutorial resources and pre-published manuscripts.

- Access to titles from more than 100 publishers.
- Dynamic day-by-day updates of new books, videos, pre-published manuscripts and content from these same leading publishers included in price.
- Mobile access: Android & iOS.

CISCO NETWORK ACADEMY:

Cisco Networking Academy is an IT skills and career building program for learning institutions and individuals worldwide. Cisco Networking Academy identifies and develops the skills people and businesses need to thrive in a digital economy. The Networking Academy curriculum is delivered online using a proprietary learning platform in partnership with local learning institutions. Cisco provides the curriculum, learning platform, and support resources.

OFFICE 365:

CTU students will receive an "Office 365 Education for Students" account.

- 50GB mailbox
- 1TB OneDrive space
- Office Web Apps
- MS Teams Collaboration between students

This account's e-mail address will give you access to:

- Prescribed textbooks on O'Reilly Online Learning
- Autodesk student versions
- Adobe ID
- Office 365

SOFTWARE NOTICE:

- CTU Training Solutions does NOT sell or supply software or hardware.
- CTU students studying, UI Design, Graphic Design & Visual Communication are required to purchase Creative Cloud packages.

For more information, read the Rules & Regulations document or Communications module on Campus Online.

NATED LEARNING MATERIALS:

The sourcing of quality Learning Material can be fraught with pitfalls, we have quality materials readily available which carry the endorsement of the education department. They are available for downloading from Future Manager app (eBook for humanities - <https://www.futuremanagers.com/step-by-step-instructions/>) and list of books are available at all our campuses which contribute to advancing professionalism in teaching and learning.

MINIMUM REQUIREMENTS FOR EBOOK DOWNLOADS

ARMv7 Processor with vector FPU, minimum 550MHz, Open GL ES 2.0, H.264 and AAC HW decoders AndroidTM 2.2, 2.3, 3.0, 3.1, 3.2 and 4.0
256MB of RAM Android web browser

COMPUTER (DESKTOP & LAPTOP) REQUIREMENTS

	Motherboard	CPU	RAM	HD	Graphics	Monitor	Input	Operating System
Diploma: IT Network Design & Administration	Minimum: Intel i5/ AMD Ryzen 5 Recommended: Intel i7/AMD Ryzen 7	Minimum: Intel i5/ AMD Ryzen 5 Recommended: Intel i7/AMD Ryzen 7	Minimum 8 GB Memory	Minimum: 500GB SSD/M.2. Recommended: 1TB SSD/M.2	Graphics card with 4GB (or higher) dedicated graphic memory Nvidia or AMD	Any size	USB Mouse, USB Keyboard	Windows 11 Home Edition
OC: Cloud Administrator								
OC: Computer Technician								
OC: Cybersecurity Analyst								
OC: Internet of Things								
OC: Software Developer								
OC: Software Engineer								
OC: Data Science Practioner								
OC: AI Software Developer								
Systems Development (UI Design)	Intel i7/AMD Ryzen 7	Intel i7/AMD Ryzen 7	16 GB Memory	500GB SSD/M.2	Graphics card with 4GB (or higher) dedicated graphic memory Nvidia GeForce RTX 2060 or AMD	Resolution: 1920 X 1080 FHD or higher - 4K recommended	USB Mouse, USB Keyboard,	Windows 11 Home Edition
Diploma: Visual Communication								
Higher Certificate: Graphic Design								
Design Foundation Design Techniques	Intel i7 or AMD Ryzen 7 processor with 64-bit support, 3.4 GHz or faster processor							
Interactive Media								
3D Animation and Visual Effects								
BBA in Project Management	Minimum: Intel i5	Minimum Intel i5	8 GB Memory	500GB SSD/M.2	N/A	Any size	USB Mouse, USB Keyboard	Windows 11 Home Edition
Higher Certificate: Management								
OC: Project Manager								
OC: Financial Administration Clerk								
OC: Bookkeeper								
OC: Tax Technician								
OC: Management Assistant								
OC: Management Accounting Officer								
OC: Office Administrator								
OC: Financial Advisor								
OC: Early Childhood Development								
NATED Engineering								

Devices with specs as listed above are recommended. Technical specs are also relevant when buying a laptop.

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SOFTWARE REQUIREMENTS

IT FACULTY

DIPLOMA: IT NETWORK DESIGN & ADMINISTRATION

- Windows 11 (Pro, Enterprise or Education)
- Microsoft Office Suite (Latest Version)
(Incl. include MS Projects)
- Cisco Packet Tracer, GNS3, MS Access, XAMPP, Oracle Database 21c, Microsoft SQL Server 2019, Trello

OC: COMPUTER TECHNICIAN

- Cisco Packet Tracer
- Wireshark
- ClamAV(Antivirus)
- OsTicket

OC: CYBERSECURITY ANALYST

- Parrot Security OS

OC: INTERNET OF THINGS

- Visual Studio Code
- Node.js
- Microsoft Visio
- Tinkercad
- Modbus Tools

OC: SOFTWARE DEVELOPER

- Visual Studio IDE
- NetBeans IDE
- Eclipse IDE
- Server Management Studio
- Tableau
- PyCharm

OC: SOFTWARE ENGINEER

- Visual Studio Code IDE
- Atom IDE
- Selenium
- JUnit
- MongoDB
- Trello

OC: AI SOFTWARE DEVELOPER

- Visual Studio IDE
- NetBeans IDE
- Eclipse IDE
- Server Management Studio
- Microsoft 365 / Microsoft Azure Portal
- PyCharm

OC: DATA SCIENCE PRACTITIONER

- Visual Studio IDE
- Server Management Studio
- PyCharm

DESIGN FACULTY

DIPLOMA: VISUAL COMMUNICATION

- Adobe Creative Cloud software package
- Microsoft Office 365

HIGHER CERTIFICATE: GRAPHIC DESIGN

- Adobe Creative Cloud software package
- Microsoft Office 365

DESIGN FOUNDATION | DESIGN TECHNIQUES

- Adobe Creative Cloud software package
- Microsoft Office 365
- Figma

3D ANIMATION & VISUAL EFFECTS

- Adobe Creative Cloud software package
- Microsoft Office 365
- Autodesk 3DS Max
- Autodesk Maya

INTERACTIVE MEDIA

- Adobe Creative Cloud software package
- Microsoft Office 365
- Unity
- Figma

SYSTEMS DEVELOPMENT (UI)

- Adobe Creative Cloud software package
- Microsoft Office 365
- Figma

BUSINESS MANAGEMENT & HUMANITIES FACULTY

ALL BUSINESS MANAGEMENT & HUMANITIES PROGRAMMES

- Microsoft Office 365

OC: BOOKKEEPER

- Microsoft Office 365
- Pastel Accounting

ENGINEERING FACULTY

ALL ENGINEERING PROGRAMMES

- Microsoft Office 365

ANDROID MINIMUM SPECIFICATIONS

MINIMUM REQUIREMENTS FOR EBOOK DOWNLOADS

- ARMv7 Processor with vector FPU, minimum 550MHz, Open GL ES 2.0, H.264 and AAC HW decoders
- Android™ 2.2, 2.3, 3.0, 3.1, 3.2 and 4.0
- 256MB of RAM
- Android web browser



HAVE AN COMPLIMENT OR FEEDBACK?

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