ICT-U CAMEROON, P.O. Box 526 Yaounde, Cameroon

Schools and Programs

DETAILED ICT-U PROGRAMS AND CORRESPONDING CREDIT HOURS

Important note on English as a Second Language (ESL) and International Computer Driving License (ICDL):

English as a Second Language (ESL): The courses detailed in this document are all taught in English. However, students with French or Spanish as their first language will be offered the opportunity to go through a one-semester intensive English as a Second Language (ESL) program to prepare the students for our ICT University courses. This one semester program DOES NOT count towards the student’s degree. The details of the ESL program follow the explanation of the ICDL.

International Computer Driving License (ICDL):
The ICDL demonstrates a student’s ability to use a computer and its most popular computer applications. Candidates have to pass tests in the following seven modules as the first three (3) credit hour course at ICT-U. The ICDL program is for anyone who wishes to become fully competent in the use of a computer and common applications. Each ICDL module provides a practical program of up-to-date skills and knowledge areas which are validated by a test.

For students to achieve a solid base of skills and knowledge, therefore attaining a minimum level of digital literacy, it is recommended that candidates complete and attain certification in a minimum of four ICDL modules. Students are required to take training on each module prior to taking the test. Each module is tested separately with each test lasting no longer than 45 minutes. For a recommended level of ICT competence to be achieved, a certification of a minimum of seven ICDL modules is appropriate. In order to achieve the ICDL certification, individuals must pass a test for each of the seven modules.

ALL ICT-U students MUST take this course which counts for three (3) credit hours towards their degree. This course will be open to members of the public who just wish to do this as their part of their professional development, without engaging in any of ICT-U’s degree programs.
Module 1 - Concepts of ICT  
Module 2 - Using the Computer and Managing Files  
Module 3 - Word Processing  
Module 4 - Spreadsheets  
Module 5 - Using Databases  
Module 6 - Presentation  
Module 7 - Web Browsing and Communication  
Module 8 - 2D Computer Aided Design  
Module 9 - Image Editing  
Module 10 - Web Editing  
Module 11 - Health Information Systems Usage  
Module 12 - IT Security  
Module 13 - Project Planning

**English as a Second Language (ESL) Detailed Program:** Organized in five modules

**English as a Second Language Module 1**

*Conversation Skills Are Developed*

- Reading and writing are important skills, but we begin the ESL program with emphasis on listening and speaking. The main focus of the program is developing one’s ability to use English in everyday personal and workplace situations.

The student will receive a student assignment booklet and CD which are designed to help you learn to speak English. The student needs to follow the directions in the student assignment booklet to understand how and when to use each component of the program.

**English as a Second Language Module 2**

*Literacy in the Workplace*

The student will learn the essentials of basic English necessary to survive on the job.

- Completing simple forms and asking for directions
- Identifying places at work
- Following simple instructions for using common machines at work
- Greeting customers, taking their orders and offering assistance
- Understanding good work habits
- Working with money, both at work and at home
- Following safety rules at work
- Reading help wanted ads, and completing a job application

**English as a Second Language Module 3**
**Everyday English**

The student will learn the essentials of basic English necessary to survive in any English speaking country

- Introducing and completing an identification form
- Reading maps, following directions and using a payphone
- Calendars, times and dates, store hour signs, and the weather
- The supermarket, reading price tags and expiration dates
- Shopping for clothes, comparison shopping, and writing checks
- Buying or renting a home, asking for simple repairs
- Making doctors’ appointments, listening to doctors’ instructions
- Reading help wanted ads, completing job applications
- Using public transportation and reading traffic signs

**English as a Second Language Module 4**

**Basic Skills in Reading**

The student readings include a variety of sources such as popular literature, classical literature, articles, reviews, and workplace-related materials.

- Fiction - includes many different examples from novels and short stories
- Nonfiction - biographies, autobiographies, essays, magazine articles, reviews
- Poetry and Drama - popular, social, and classical aspects of each are covered
- Prose and Visual Information - brochures and ads, calendars and schedules, forms and documents, manuals and handbooks, drawings and diagrams, charts and graphs

**English as a Second Language Module 5**

**Basic Skills in Writing**

Writing is a form of expression and communication. When the student writes well, others can understand what they are saying. The student will learn to use the writing process to their advantage.

- Essay and Creative Writing - the writing process, narrative writing, descriptive writing, expository writing, persuasive writing
- Workplace and Personal Writing - letter writing, job search writing, workplace writing, explanatory writing, report writing
- Grammar Guide - mechanics, usage, sentence structure
- Writing Handbook - models, editing, checklist, proofreading
I. DEGREE PROGRAM: PROFESSIONAL DIPLOMAS AND CERTIFICATION PROGRAMS

ACADEMIC MAJOR I: LINUX

Program Overview:

This certificate program is planned to provide students with the specific knowledge to seek entry-level employment working in the field of Linux operating systems administration. The program helps students develop skills in Linux and the Internet. Student in computer networking or network and system administration will study Linux along with other operating systems.

The Linux certification curriculum gives students the prospect to:

- Study to obtain the comprehension, skills, and self-reliance to assist them thrive in the IT field.
- Scrutinize Linux network administration, installation, design, recovery, security, and network services.
- Investigate how to install, configure, and administer Linux as a network operating system.

Educational Prerequisites

A few certificate programs in Linux require a high school diploma or a GED.

Program Coursework

Programs require anywhere from 18 to more than 30 credits of course work to earn a certificate. The program includes courses in the following:

- Introductory Linux and administration courses (6 credits)
- Security (6 credits)
- Fundamentals of Linux (6 credits)
- Linux administration (6 credits)
- Networking (6 credits)
- Computer support technology (6 credits)
- LAN concepts (6 credits)