

HND Industrial Computing and Automation

Course Overview & Study Guide

Note: This document is an academic study guide produced by UNEE based on the official HND examination framework. It is not an official government syllabus. For the official syllabus, contact the Ministry of Higher Education, Cameroon.

About HND Industrial Computing and Automation

Industrial Computing and Automation combines digital technology with industrial control systems — a combination increasingly demanded as Cameroonian factories modernise.

The program covers automation systems, PLC programming, computer control, e-commerce technology, and digital marketing.

ICA graduates are positioned at the intersection of industrial automation and the growing digital economy.

Course Structure — HND ICA

Credit values are set by the Ministry of Higher Education, Cameroon.

PROFESSIONAL COURSES

Code	Course Title	Credits
ICA11	Case Study	16
ICA12	Practice of Computer	8
ICA13	Digital Marketing	6
ICA14	E-Commerce Technology	6
ICA15	Discrete Mathematics	10
ICA16	Technical Communication	8

TRANSVERSAL COURSES

Code	Course Title	Credits
ENG101	English Language	1
FRN101	French Language	1

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LCE101	Law and Citizenship Education	1
ECE21	Enterprise Creation and Entrepreneurship	1
CMS23	Computer Studies	1

Total Credits: 59

Career Paths — HND Industrial Computing and Automation

- Automation Technician
- Industrial Control Systems Operator
- Digital Marketing Specialist
- Industrial IT Consultant
- PLC Programmer
- E-Commerce Developer
- IT Systems Integrator

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