

ND Computer Engineering

The National Diploma Programme in **Computer Engineering** Technology is designed to produce computer technicians to install, maintain and repair computer system software, hardware and its peripherals. More specifically, diplomates of the programme should be able to:

- a) Map out the layout for computers installation and networking;
- b) Set up the installation, configuration and the operation of a computer system(s);
- c) Set up the installation, configuration and the operation of computer networks;
- d) Use appropriate instruments and software to carry out simple tests and measurements on all subsystems in a computer and its peripherals;
- e) Carry out routine maintenance and repair of:
 - i. Computer Hardware;
 - ii. Computer Software; and
 - iii. Computer Peripherals.
- f) Construct simple computer circuit;
- g) Develop simple programming codes;
- h) Present technical reports; and
- i) Manage a small enterprise.

ND Computer Engineering Technology	Five credit passes at not more than two sittings in West African Senior School Certificate of Education (WASSCE), Senior School Certificate of Education (SSCE), National Technical Certificate (NTC), General Certificate of Education (GCE) Ordinary level, West African Examination Certificate (WAEC) or National Examination Council (NECO) in relevant subjects. The relevant subjects are: English Language, Mathematics, Physics, Chemistry and one other subject from: Metal Work, Wood Work, Technical Drawing, Basic Electronics, Basic Electricity, Economics, Commerce, Statistics, Further Mathematics, Computer Studies, Geography and Biology/Agricultural Science/Animal Husbandry.
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