OYAM INSTITUTE OF SCIENCES AND TECHNOLOGY

Strive for Distinctiveness

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NATIONAL CERTIFICATE IN ELECTRICAL INSTALLATION AND SYSTEM MAINTENANCE

A practical programme that trains you to install, test, maintain and repair electrical wiring and systems in homes, offices and industries, following safety standards. You learn through real-life projects and are assessed by ISO

Issued 22 November 2026

Level	**Certificate**
Department	**Vocational Education Technology**
Duration	**6 semesters**
Tuition per semester	**USh 1,490,000**
Application fee	**USh 50,000**
Applications	**Open, apply online**

WHAT YOU WILL STUDY

- In the first year, students learn the basic science and tools of the electrical trade. They study electrical principles, electrical engineering science, and applied mathematics to understand voltage, current, resistance and power. Students learn technical drawing and how to read electrical diagrams, and they practise workshop safety, use of hand tools and measuring instruments, and basic domestic wiring. Communication skills, computer applications, and entrepreneurship are also taught to prepare students for work and self-employment. In the second year, students move on to more advanced installation and maintenance work. They learn industrial wiring, electrical machines such as motors, generators and transformers, motor control circuits, and power distribution systems. The course covers inspection and testing of installations, fault finding and repair, earthing and lightning protection, and electrical regulations and safety standards. Students are also introduced to solar PV installation and basic electronics. The programme ends with a practical project and an industrial training placement with a contractor, factory or utility company. This gives students hands-on experience before they graduate and sit their ISO assessments.

ENTRY REQUIREMENTS

- To join the National Certificate in Electrical Installation and System Maintenance, an applicant must hold a Uganda Certificate of Education (UCE) or its equivalent, with at least five passes obtained at the same sitting. Passes in Mathematics, Physics and English Language are preferred, and a pass in Chemistry or Technical Drawing is an added advantage. Applicants with qualifications from outside Uganda must have them equated by the Uganda National Examinations Board (UNEB). Holders of UACE or a related craft certificate are also welcome to apply. Applicants must attach copies of their academic documents, a national ID or birth certificate, and two recent passport-size photographs. Applicants should be at least 16 years old at the time of admission.

How to apply: go to www.oist.ac.ug/portal/apply?program=national-certificate-in-electrical-installation-and-system-m, create an account and fill in the application. Please confirm the current fees with the Admissions Office before paying.

LUBEGA ALEX	**WACHA O J FOREBEL**	**ABELEBELE CHARLE**
Academic Officer	Principal	Institute Rector