



Close cooperation with the business sector to secure job opportunities after graduation with stable income



Three-year training programme certified as equivalent to German training standards



Advanced training equipment and highly qualified teaching staff trained by international experts



Practice-based training allowing trainees to experience real working conditions as well as to improve practical skills and professional manner



College degree after graduation as "Practicing Engineer"



Friendly training environment with many supporting policies especially scholarships for women and people with disabilities \*

**Register by 15/8/2020**

<http://dangky.vcmi.edu.vn/>



(\*the payment of the scholarships depends on the commission by BMZ)

The Vocational College of Machinery and Irrigation (VCMi) has been supported to become the "Centre of Excellence in Green Vocational Training" of the CLMV region, within the framework of the "Programme Reform of TVET in Viet Nam". The programme is financed by the German Federal Ministry for Economic Cooperation and Development (BMZ) and implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) together with the Vietnamese Ministry of Labour, Invalids and Social Affairs (MoLISA).



Picture: HWK Aachen representative handed over VCMi the "Acknowledgement letter" for the equivalence of the training programmes according to German standards

**VOCATIONAL COLLEGE OF MACHINERY AND IRRIGATION**

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Implemented by  
**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

**DVET**



**BECOME  
AN ELECTRONICS TECHNICIAN FOR  
ENERGY AND BUILDING TECHNOLOGY  
AT VOCATIONAL COLLEGE OF MACHINERY  
AND IRRIGATION (VCMi)**



★ **BE SKILLED!** ★  
**BE QUALIFIED FOR FUTURE JOBS!**

"Electronics Technicians for Energy and Building Technology" are responsible for the installation and maintenance of the power supply system, electrical equipment, solar power, water heating systems, ventilation, air conditioning, protection system and lightning protection in a building. They also install and programme the management and monitoring systems for buildings to ensure technical standards, labour and hygiene safety, environmental protection, efficient use of energy and resources.

Their tasks are carried out in workshops, at building construction sites or in buildings in need of modernisation and renovation. They can lead small teams or work independently on the basis of technical documents and instructions while implementing their assignment in compliance with the relevant safety regulations.

"Electronics Technicians for Energy and Building Technology" are specialists in electrical and electronic engineering in buildings.



### **AS A TRAINEE IN "ELECTRONICS FOR ENERGY AND BUILDING TECHNOLOGY" AT VCMI, YOU WILL LEARN HOW TO:**

- Make plans and control work processes, monitor and evaluate the results and apply quality management systems
- Install, operate and maintain power supply systems
- Install, operate and maintain electrical equipment: lighting, air-conditioning systems, ventilation systems, solar heating water, heating pumps...
- Install, operate and maintain electricity control systems: communications, internet, security cameras...
- Measure and check electrical system parameters
- Programme PLC (Programmable Logic Controller) and KNX (smart system for building management and control)
- Operate and maintain automation systems for building management and instruct customers on usage

### **ENTRY REQUIREMENTS**

- Graduate from high school or intermediate level with high school diploma
- Interest in environment, energy, technology, mathematics, physics
- Skilful hands and a good sense of dimensions



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As Vietnam advances towards a green and sustainable economy, the demand for green skills and green occupations is increasing. Based on international standards, the occupation "Electronics Technicians for Energy and Building Technology" is developed to meet the requirements of the domestic labour market and particularly the 'green industry' that Dong Nai province aims at.

**Dr. Nguyen Van Chuong,  
Rector of VCMI.**

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