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Potential in geomatic engineering

Geomatic engineering is a challenging discipline with potential. Previously known as Land Surveying, it is one of the earliest disciplines in the world. The Egyptians used surveying to demarcate land for taxation purposes.

Geomatic is a term used to describe the science and technology of earth measurements. It includes collection, sorting, planning and design, storing, presentation and management, and encompasses the ever changing technology of Electronic Distance Measurements, Global Positioning System, Geographic Information System, Remote Sensing and Photogrammetry.

There is immense potential in its use in the development of a country and is used in almost every discipline and profession that uses earth-related spatial data. Among these are planning, agriculture, natural resources, environment, land division and registration, mapping project engineering and infrastructure engineering.

Kuala Lumpur Infrastructure University College (KLIUC) offers a two and half year diploma programme in Geomatic Engineering.

The course offered is unique in that the campus

used to be a training centre for civil engineers during the days of the Public Works Department or Ikram (Institut Kerja Raya Malaysia), its infrastructure and training facilities now giving KLIUC an added advantage. The 100-acre site is now a campus with student accommodation facilities. It also enjoys the advantage of having personnel experienced in civil engineering infrastructure research.

The KLIUC Diploma in Geomatic Engineering includes three months' industrial training. Students from foreign countries like Nigeria and Maldives are also enrolled in the programme.

With plans to expand into a full-fledged university, a bachelor's degree programme is in the pipeline. All programmes at KLIUC are conducted in English. Graduates thus have the advantage of communicating well in the language, which makes them more accepted in international organisations.

The diploma has obtained full accreditation from the Malaysian Qualification Agency.

KLIUC students may also further their studies with the college's partner universities in Australia including the University of Newcastle and University of Tasmania, and would be eligible for credit transfers.

KLIUC is preparing for the International Symposium on Geoinformation (ISG 2008) to be

held from Oct 13 to 15. As the main organiser of the event, it is also committed to presenting papers at the symposium.

The joint organisers are the Institution of Surveyors Malaysia, Universiti Teknologi Malaysia, Universiti Putra Malaysia, Universiti Sains Malaysia, Universiti Teknologi Mara and Malaysian Centre for Geospatial Data Infrastructure. The symposium has the support of the Survey and Mapping Department and the Board of Land Surveyors Malaysia.

KLIUC has a blend of sophisticated equipment and dedicated staff daring to accept challenges. Senior and young staff with energy and endurance complement each other.

The college's School of Engineering and Technology Infrastructure offers other programmes at degree, diploma

and foundation levels including civil engineering, electrical and electronics engineering, electronics and communication, automotive engineering, mechanical engineering and construction management. KLIUC also offers fields of study such as business, IT, communication, materials and science.

This is the last call for the March intake. Visit the Marketing Department at Ikram Park, Jalan Serdang - Kajang, 43000 Kajang. Application forms can also be obtained at www.kliuc.edu.my

Call 03-8926 6993/8738 3260/019-388 3435 or email: inquiry@kliuc.edu.my



The KLIUC campus has the advantage of infrastructure and training facilities from what was previously a training centre for civil engineers.