

Singapore Polytechnic Assists CDIO Implementation at Malaysia's Polytechnic

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PUTRAJAYA, May 6 (Bernama) -- Singapore Polytechnic is assisting Malaysia on the implementation of innovative engineering education framework - conceive, design, implement, operate (CDIO) - for its polytechnic curriculum.

This follows the signing of a note of understanding (NoU) between Malaysia's Polytechnic Education Department and the Singapore Polytechnic here today.

The department's director-general, Datuk Mohlis Jaafar said the CDIO framework would be a source of reference in developing the curriculum standard for polytechnic, that the department was currently working on.

He said Singapore Polytechnic would assist in providing training of CDIO to between 30 and 60 selected polytechnic lecturers annually.

"(CDIO) will encourage lecturers to develop more creative teaching and improve the teaching and learning qualities among lecturers in polytechnic," he said, prior to the signing of the NoU.

Also present were Singapore Polytechnic International Pte Ltd general manager Lee Leck Seng and Temasek Foundation chief executive officer Benedict Cheong.

The CDIO framework provides an integrated curriculum model encompassing the key skills sets needed in modern workplaces, teaching and learning strategies that encourage collaborative and real world problem-solving, and an assessment approach focusing strongly on supporting the learning process and assessing direct performance in real work contexts.

"The CDIO will be the best tool to encourage higher order thinking skills and will contribute in ensuring the successful implementation of outcome based education, which is the pillar of higher learning education in Malaysia," said Mohlis.

He said the CDIO initiative would be introduced next year.

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