



## PROGRAMME DESCRIPTION

The Diploma in Civil Engineering program will prepare graduates for engineering practice that deals with the design, construction, operation and surveying of the built environment that encompasses infrastructure such as buildings, bridges, roads, canals, dams, water supply and wastewater services facilities. The students will be given a stimulating teaching environment which blends conventional lectures and tutorials with online materials. This teaching environment helps them to formulate the issues, solutions through critical thinking, and assessing the results of their own work. Lincoln makes it compulsory for all students to take part in problem solving and action oriented work. Thus, students become more efficient and possess analytical mind to make it easier for them to meet the challenges of national as well as global competitive environment. The hallmark of Lincoln diploma holders will have access to many industry sectors. Civil engineers are focusing their attention towards new areas of development of Construction, Geo technical Product, Structural Design and transportation system. Diploma holders in Civil Engineering can look for higher education courses like B.E / B.Tech in Civil Engineering.

## PROGRAMME AIM

The aim of this program is to produce graduates who are both skilled in structural designing principles and have the ability to apply and solve basic engineering works and problems. The program of Diploma in Civil Engineering will produce Civil Engineering technicians who are:

- ▶ Knowledgeable and skillful in practicing the technique and using tools in the field of civil engineering.
- ▶ Professional in the civil engineering industry and continuously strive to take into account the society well being by practicing values and professional ethics.
- ▶ Able to develop leadership role with good team work and communication for the planning and implementation of civil engineering services.
- ▶ Capable of using scientific thinking skill to solve the civil engineering problems and enhance lifelong learning through continuous development
- ▶ Able to identify the business opportunities and develop managerial skill for career enhancement in the field of civil engineering.

## DURATION

Minimum Duration : 30 Months.

Maximum Duration : 60 Months.

## INTAKE

1. January 2. May 3. September

## ENTRY REQUIREMENTS

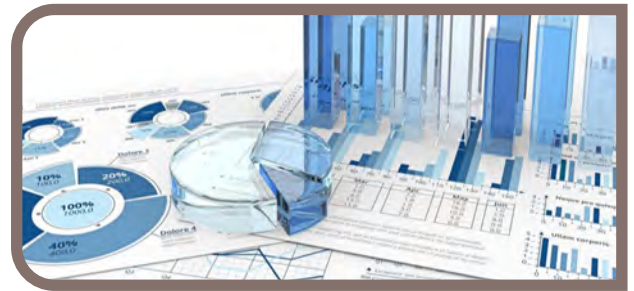
- i) Pass the Malaysian Certificate of Education (SPM) equivalent to obtaining at least three credits in three (3) subjects including Mathematics and a related Science / Technical / Vocational subject and pass English language subject; Or
- ii) Passed the Malaysian High School Certificate (STPM) or equivalent with a pass in Mathematics, English and a related Science / Technical / Vocational subject at the SPM level; Or
- iii) Recognized Certificate in Engineering/ Engineering Technology or equivalent; Or
- iv) Vocational and Technical Certificate / Certificate of Skill or equivalent and has at least one (1) year of relevant work experience; or a minimum of one (1) semester from the bridging program.

### For International Students:

- i) Pass with a score of 500 for the Test of English as a Foreign Language (TOEFL); Or
- ii) Pass with a score of 5.5 for the International English Language Testing System (IELTS); or equivalent.

## LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

| Sl.No. | Subject Name  |
|--------|---|
| 1      | Engineering Drawing   |
| 2      | Engineering Mathematics I   |
| 3      | English I   |
| 4      | Surveying I   |
| 5      | Construction Materials  |
| 6      | Soil Mechanics  |
| 7      | English II  |
| 8      | Hydraulics  |
| 9      | Engineering Computing   |
| 10     | Malaysian Studies / Malay Language Communication 2                          |
| 11     | Environmental and Water Resource Engineering                                |
| 12     | Structural Design I   |
| 13     | Building Construction and Services  |
| 14     | Strength of Materials and Theory of Structures                              |
| 15     | Engineering Lab I (conducted through Semester 1, Semester 2 and Semester 3) |
| 16     | Surveying II  |
| 17     | Transportation Engineering  |



|    |  |
|----|--|
| 18 | Creative Problem Solving   |
| 19 | Engineering Mathematics II   |
| 20 | Constitution and Community   |
| 21 | Structural Design II   |
| 22 | Environmental Pollution & Control  |
| 23 | Civil Engineering CAD Lab  |
| 24 | Quantity Surveying and Valuation   |
| 25 | Construction Management  |
| 26 | Co-Curriculum  |
| 27 | Entrepreneurship   |
| 28 | Engineering Lab II (conducted through Semester 1, Semester 2 and Semester 3) |
| 29 | Final Year Project   |
| 30 | Industrial Training  |

Web : [www.lincoln.edu.my](http://www.lincoln.edu.my) | E-mail : [info@lincoln.edu.my](mailto:info@lincoln.edu.my)

Call us :

**1 300 880 111 (Malaysia)**

**+603 78063478 (International)**