



## PROGRAMME DESCRIPTION

The program, Bachelor of Civil Engineering Technology prepare the graduates with effective skill and knowledge for the wide range of professional and technical positions with the construction, consulting engineering, surveying and development industries. This field specializes in geotechnical, water, road and transportation, or structural engineering. Civil engineering professionals are equipped with the skill of design, construction and maintenance of roads, bridges, building structures, canals, dams, water supply and waste water services facilities. Professional are able to explore computer-modeling techniques and civil engineering project management.



## PROGRAMME AIM

The Program, Bachelor of Civil Engineering Technology are aim to provide knowledge - based technological services that satisfy the needs of society, industry and help in building national capabilities in science, technology, and research.



## PROGRAMME DURATION

Duration : 48 Months. (Full Time)



## INTAKE AND ENTRY REQUIREMENTS

March, July, November

- Passed Sijil Tinggi Persekolahan Malaysia (STPM) with a full pass in 2 subjects or equivalent with a minimum CGPA of 2.0 AND passed Sijil Pelajaran Malaysia (SPM) or equivalent with credit in Mathematics; or
- Pass A-Level with at least a pass in 2 subjects including Mathematics AND pass Sijil Pelajaran Malaysia (SPM) or O-level or equivalent with credit in Mathematics; or
- Passed a recognized Matriculation Program or Foundation Program with a CGPA of 2.0; or
- Passed the Unified Examination Certificate (UEC) with at least a B-grade in 5 subjects including Mathematics and English; or
- Passed Diploma (Level 4 MOH) in a related field with a minimum CGPA of 2.0 AND credit in Mathematics at SPM level; or
- Other qualifications recognized as equivalent by the Government of Malaysia.



## LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

Sl.No.	Subject Name
1	Engineering Mathematics 1
2	Fluid Mechanics
3	Surveying-1
4	Engineering Mechanics
5	English
6	Philosophy and Current issues course (Local Students) Malay Language Communication 2 (International Students)
7	Engineering Mathematics-2
8	Engineering Drawing including BIM
9	Surveying-2
10	Structural Mechanics
11	Engineering Geology
12	Appreciation of Ethics and Civilizations

Sl.No.	Subject Name
13	Concrete Technology
14	Structural Analysis-1
15	Probability and Statistics
16	Structural Design-1(RCC)
17	Building Material & Construction
18	Leadership Skills and Human Relations
19	Government and Public Policy Malaysia
20	Soil Mechanics-1
21	Environmental Eng-1
22	Structural Analysis-2
23	Quantity Surveying Specification & Valuation
24	Transportation Eng I (Highway)



Call us :

**1 300 880 111 (Malaysia)**  
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Semester continued to next page..

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



25	Water Resource-1
26	Structural Design-2 (Steel)
27	Construction Management
28	Environment Engineering-2
29	Hydraulic Structure
30	Soil Mechanics-2
31	Construction Methods and Technologies
<b><u>Elective (Choose any one module from the following):</u></b>	
32	Safety and Health for Engineers
	Entrepreneurship Development
	Accountancy & Economics
33	Research Methodology
34	Project management
35	Capstone Project
36	Foundation Engineering
37	Community Service
<b><u>Elective (Choose any one set of electives from the following):</u></b>	
38	Remote sensing & GIS
39	Transportation – 2
38	Geomechanics
39	Structural Analysis-3
38	Water Resource Engineering-2
39	Environment Pollution & Control
40	Final Year Project
41	Industrial Training



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Kolej Universiti Lincoln, No. 12, 14, 16 & 18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor

No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.