

# Diploma In CIVIL ENGINEERING

## STUDY LOANS\*

- PTPTN
- Bank Loans
- Sosco
- Koperasi Guru / Polis / Tentera
- MIED
- EPF
- State Government Loans

\*Loan options available for eligible Malaysian students only

## APPLICATION PROCEDURE

Submit completed registration form with:

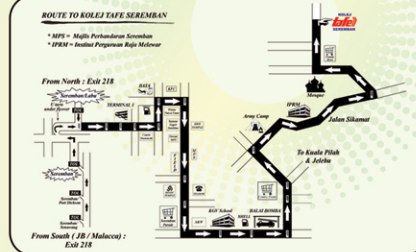
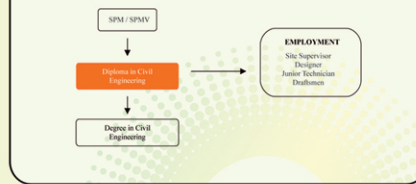
### Malaysian Student Applicants

- 4 passport size photos (non-hostel resident) / 6 passport size photos (hostel resident)
- 1 certified copy of Identity Card (MyKad)
- 1 certified copy of SPM certificate or equivalent
- 1 certified copy of school leaving certificate

### International Student Applicants

- 8 passport size photos
- 1 photostat copy of passport (all pages in A4 size). The passport should be valid for the student's entire stay in Malaysia.
- Certified copies of all relevant certificates.
- Complete Health Examination Report with doctor's certification.
- A bank draft of USD400 for visa application fee (non-refundable) payable to Kolej TAFE Seremban.

## COURSE ROUTE



For more information, please visit:



**Kolej TAFE Seremban**  
 Lot 5409, Mukim Ampangan, Jalan Sikamat,  
 70400 Seremban, Negeri Sembilan.  
 Tel: 06-763 2020  
 Fax: 06-762 7994  
 Toll Free: 1-300-88-8233  
 Email: enquiry@tafeseremban.edu.my  
 Website: www.tafeseremban.edu.my

Note: All information provided in this guide is correct at the time of printing.  
 Please check with Kolej TAFE Seremban for the latest details.



JPE/BPR(K)1000-600/N318(55) (R/526/4/0003)(4/16) MQA/FA1589



**STUDY LOAN & MERIT SCHOLARSHIPS**  
 are available for eligible students.

# Diploma In

# CIVIL ENGINEERING

Civil Engineering is a broad field of engineering dealing with the planning, design, construction, maintenance and management of the physical infrastructure network. Civil Engineering today deals with the power plants, bridges, roads, railways, structures, infrastructure, water supply, irrigation, the natural environment, transportation and highway engineering.

## OBJECTIVES

- The equip students with the knowledge and understanding of the environment in the construction industry and the process of design, construction and development.
- To encourage the development of skills in the collection, selection, analysis, interpretation and application of data, communication, problem solving, evaluation and synthesis relevant to civil engineering.

## ADMISSION REQUIREMENTS

SPM / SPMV or equivalent with credits in Mathematics, Science and 1 other subject, and a pass in English.

## COURSE STRUCTURE

The course covers the following subjects:

- Technical English
- Engineering Mathematics 1, 2
- Science
- Engineering Computing
- Engineering Mechanics
- Workshop Technology - 1B
- Strength of Materials
- Civil Engineering Materials
- Soil Mechanics & Engineering Geology
- Fluid Mechanics
- Structural Analysis
- Engineering Hydrology
- Calculus
- Structural Design 1, 2
- Civil Engineering Surveying
- Geotechnics
- Hydraulics
- Constructions Technology & Estimating
- Traffic & Highway Engineering
- Water & Wastewater Engineering
- Civil Engineering Management
- Building Services
- Civil Engineering Drawing
- Environment Management
- Airports, Railways & Harbour Engineering
- Civil Engineering Contracts
- Industrial Training

Pengajian Malaysia, Bahasa Kebangsaan & Pengajian Islam / Pendidikan Moral are compulsory subjects for Malaysian students (Ministry of Higher Education Malaysia requirement)

## CAREER PROSPECTS

- Site Supervisor
- Designer
- Junior Technician
- Draftsman
- Assistant Engineer

\* UEM Builders, UDA, IOI, IGP, SP SETIA, MK LAND, I&P, IIM, GAMUDA, RANHILL, MRCB, YTL, PILECON, HO HUP and FALIM.

## PERSPECTIVE

- Structural Engineering
- Geotechnic & Geology Engineering
- Water & Waste Engineering
- Environmental Management
- Geomatic Engineering
- Highway & Transportation Engineering
- Construction Management

## STUDENT SUPPORT SERVICES

- Clubs & Societies
- Course selection counselling
- Career pathway & advice
- Loan arrangements
- Academic counselling
- WIFI

