

BORANG IEM (G)

PERMOHONAN MENJADI / PEMINDAHAN KEPADA AHLI SISWAZAH

ARAHAN KEPADA PEMOHON

Sila baca dengan teliti sebelum mengisi Borang IEM (G)

1. Sila isikan borang dengan lengkap. Borang ini boleh **ditaip** atau **ditulis** dalam **huruf besar**.
2. Bakal ahli siswazah mesti berdaftar di bawah Skim Latihan IJM untuk membolehkan ahli siswazah menghadiri Temuduga Profesional (Sila lihat lampiran berkenaan). Calon boleh mendaftar dalam skim ini sebelum diterima menjadi ahli siswazah.
3. Semua siswazah mestilah mempunyai kelayakan setanding dengan Bahagian I dan II Peperiksaan Siswazah IEM / BEM. Senarai kelayakan yang diiktiraf ada terdapat di IJM dan sebarang pertanyaan mengenai pengiktirafan kelayakan adalah dialu-alukan. Mereka yang mempunyai kelayakan yang tidak diiktirafkan dikehendaki membekalkan sukatan dan kandungan kursus yang telah diambil secara terperinci.
4. Hanya **SATU SALINAN BORANG** dan satu salinan setiap dokumen yang **DISAHKAN** perlu dikirimkan. Salinan dokumen yang diperlukan adalah seperti berikut:
 - i) Sijil Beranak.
 - ii) Pendaftaran Siswazah Lembaga Jurutera Malaysia.
 - iii) Ijazah Kejuruteraan dan slip keputusan / transkrip pengajian.
 - iv) Semua dokumen dan transkrip (sekiranya ada) yang diperolehi untuk kelayakan kemasukan ke Pusat Pengajian Tinggi, bermula dari SPM/STPM.
 - v) SPM / STPM
5. Ijazah dalam kejuruteraan yang tidak menunjukkan Bahagian/Cawangan/Disiplin dikehendaki menyerahkan **DOKUMEN TAMBAHAN** (misalnya : slip keputusan, surat dari Jabatan dll) untuk menunjukkan disiplin.
 - i) Salinan ijazah kejuruteraan dan Ijazah dari Universiti tempatan hendaklah dikemukakan dalam **Bahasa Malaysia** dan **Bahasa Inggeris**. Ijazah luar negeri yang menggunakan bahasa ibundanya selain dari Bahasa Inggeris hendaklah dikemukakan bersama terjemahannya oleh Pendaftar Universiti/Pengawai Kedutaan dll.
 - ii) Salinan **"Transcript of Academic Record"** atau **"detail of course and subjects"** yang diambil semasa di Universiti. Salinan ini mestilah dikeluarkan oleh pihak Universiti.
6. Pemohon yang mempunyai ijazah pertama yang tidak diiktiraf oleh Institusi Jurutera Malaysia dan kemudiannya telah memperolehi Ijazah Sarjana adalah dikehendaki menyerahkan kedua-dua transkrip yang lengkap.
7. Jurutera siswazah adalah diingatkan tentang keperluan Akta Pendaftaran Jurutera. Penerangan lanjutan boleh diperolehi daripada:

Lembaga Jurutera Malaysia
d/a Kementerian Kerja Raya Malaysia,
Jalan Sultan Salahuddin,
50580 Kuala Lumpur
Tel : 03-40407095
8. Semua siswazah mestilah memperolehi pengalaman praktik di bawah MIEM dan P. Eng. (Jurutera Profesional) berdaftar dengan BEM agar pengalaman mereka dapat diiktiraf di bawah Akta, untuk tujuan Pendaftaran sebagai Jurutera Profesional. (Lihat "Bagaimana untuk menjadi Jurutera Profesional").
9. Jurutera siswazah dinasihatkan mendapat latihan di bawah seorang Jurutera berkelayakan MIEM dan P. Eng dalam disiplin yang sama atau disiplin yang berkenaan untuk melayakkan diri menduduki Temuduga Profesional; salinan Peraturan Temuduga Profesional boleh didapati dari Urusetia IJM.

SEMUA SIJIL, DOKUMEN DLL. YANG DISERAHKAN MESTILAH DISAHKAN OLEH PENCADANG / PENYOKONG ANDA.

JANGAN SERTAKAN BAYARAN. PEMOHON AKAN DIKENAKAN BAYARAN SELEPAS KEAHLIAN MEREKA DILULUSKAN.

KEGAGALAN UNTUK MEMATUHI ARAHAN DI ATAS AKAN MENGAKIBATKAN KELEWATAN DALAM PEMROSESAN PEMOHONAN ANDA.

(Nota : Sebarang keraguan jika ada; interpretasi dalam Bahasa Inggeris adalah muktamad)

MAKLUMAT TAMBAHAN UNTUK PEMOHON

1. Pengesahan sama ada program tersebut adalah program berkembar atau program sepenuh masa di University berkenaan.
2. Nama-nama Kolej tempatan di mana tamatnya program sebelum melanjutkan pelajaran ke peringkat ijazah.
3. Jumlah tahun pengajian di Universiti semasa mengikuti program berkenaan.
4. Isi kursus ijazah kejuruteraan di Kolej atau Universiti.
5. Transkrip Rekod Akademik terperinci mengenai kursus dan mata pelajaran yang diambil di Universiti. Surat berkenaan hendaklah dikeluarkan oleh Universiti di mana ijazah dikeluarkan.
6. Semua kelayakan masuk Universiti hendaklah dinyatakan di dalam Borang Permohonan di bawah ruangan 5 dan 6 dan disertakan salinan sijil (yang disahkan).
7. Semua salinan-salinan sijil yang diperolehi untuk Pengajian Tinggi mulai SPM yang disahkan hendaklah disertakan bersama Borang Permohonan.

KEGAGALAN MENGHANTAR MAKLUMAT-MAKLUMAT DAN DOKUMEN YANG DIPERLUKAN AKAN MENYEBABKAN KELEWATAN DALAM PEMROSESAN PERMOHONAN.

BORANG PERMOHONAN

Sila periksa dan pastikan dokumen-dokumen berikut telah lengkap dan **DISAHKAN** oleh Penyokong / Pencadang sebelum dihantar bersama borang permohonan dihantar ke IEM.

- BORANG IEM (G) - 1 salinan
- Tandatangan pencadang
- Tandatangan pemohon
- 1 keping gambar ukuran paspot
- Surat Beranak
- Surat Pendaftaran Siswazah dari Lembaga Jurutera Malaysia
- Sijil Ijazah (versi **Bahasa Melayu & Inggeris** bagi Universiti tempatan), dan Diploma.
- Transkrip Rekod Akademik (Ijazah & Diploma)
- STPM / SPM / SAP (atau yang setaraf)
- Sijil Matrikulasi (jika ada)
- Semua dokumen-dokumen berkenaan telah **disahkan** oleh penyokong atau pencadang.

FORM IEM (G)

APPLICATION FOR ADMISSION AS / TRANSFER TO GRADUATE

INSTRUCTIONS TO APPLICANT

Please read this and comply before completing Form IEM (G)

1. Please fill in all particulars in the form. This form can be **typewritten** or **handwritten** in **neat block letters**.
2. Intending Graduate Member must register under the IEM Training Scheme to avail himself for Professional Interview of IEM, (a copy of regulations is attached). Registration can be made even before one is admitted as a graduate member.
3. All graduates must possess qualifications accepted as equivalent to the IEM/BEM Graduate Examination Part I and II. A list of recognised qualifications is maintained at the IEM, and enquiry as to recognition of any particular qualification is welcomed. Those who possess qualifications not currently in the list of recognition will be required to supply details of syllabus and course contents.
4. Only ONE copy of the Form and one copy of each document duly **CERTIFIED** need to be supplied. Copies of the required documents are as follows:
 - i) Birth Certificate.
 - ii) BEM registration letter.
 - iii) Degree(s) in engineering and result slip / academic transcript.
 - iv) All documents and transcript (if any) attained for entry to Institution of Higher Learning, from the time the applicant completes SPM / STPM.
 - v) SPM / STPM
5. Degree(s) in engineering that do not show the Division/Branch/ Discipline require applicant to submit ADDITIONAL SECONDARY DOCUMENT (eg : subject Result slip, Department's letter etc) to indicate the Discipline.
 - i) Photocopies of engineering certificates from local universities in **Bahasa Malaysia** and **English** version are required. Certificates from overseas universities issued in foreign languages must be accompanied by an English translation obtained from University Registrar/Embassy Official, etc.
 - ii) Copies of "**Transcript of Academic Record**" or "**details of courses and subjects**" taken at the University. The document must be issued by the University where the applicant had attained the degree.
6. Applicants who have obtained a first degree which is not recognised by The Institution of Engineers, Malaysia and subsequently obtained a Masters Degree are requested to submit the full transcript of both first and Masters Degree.
7. Graduate engineers are reminded of the requirement of the Registration of Engineers Act. The details are obtainable from

The Board of Engineers, Malaysia
c/o JKR Headquarters,
Jalan Sultan Salahuddin,
50580 Kuala Lumpur
Tel : 03-40407095
8. All Graduates must gain practical experience under MIEM and P.Eng (Professional Engineers) registered with the BEM for their experience to be recognised under the Act, for the purpose of Registration as a Professional Engineer. (See 'How to be a Professional Engineer').
9. Graduate engineers are advised to have their training under MIEM and P. Eng in the same or approved allied discipline so as to avoid problems in getting registration with BEM later.

ALL CERTIFICATES, DOCUMENTS, ETC, SUBMITTED MUST BE CERTIFIED BY YOUR PROPOSER/SECONDER.

DO NOT ENCLOSE PAYMENT. APPLICANTS WILL BE BILLED UPON APPROVAL OF MEMBERSHIP.

FAILURE TO COMPLY WITH ABOVE WILL RESULT IN THE DELAY IN PROCESSING OF YOUR APPLICATION.

FURTHER INSTRUCTIONS TO APPLICANT

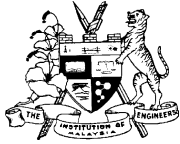
1. *Verification whether the programme is the twinning programme or a full time programme at the University.*
2. *The name of local colleges that you have completed the programme before pursuing the degree course.*
3. *Number of years spend at the University while following this programme.*
4. *Course Content of your engineering degree course at the College and the University.*
5. *Transcript of Academic Record on details of course and subjects to be taken at the University. The letter must be issued by the University you have attained your degree.*
6. *All entry qualification of University to be indicated in the Application Forms under columns 5 and 6 and enclosed with photocopy of certificate (duly certified)*
7. *All certified photocopies of certificates attained for Higher Education since SPM to be provided with Application Forms.*

FAILURE TO SEND THE NECESSARY DOCUMENT AND INFORMATION WILL CAUSE UNDUE DELAY IN THE PROCESSING OF YOUR APPLICATION.

APPLICATION CHECKLIST

Please check the following and ensure that all document are available to be submitted together with the application form duly **CERTIFIED** by your Proposer or Seconders to the IEM.

- Form IEM (G) - 1 copy
- Signature of Proposer
- Signature of Applicant
- 1 passport size photo
- Birth Certificate
- Registration letter from Board of Engineers, Malaysia
- Degree in (**English & Malay version** for local universities), and Diploma certificates.
- Degree & Diploma transcript
- STPM / SPM / GCE (or any other relevant certificates)
- Matriculation certificate (if any)
- All photocopies documents duly **certified** by proposer or seconder.



INSTITUSI JURUTERA MALAYSIA

The Institution of Engineers, Malaysia

Bangunan Injener, Lots 60/62, Jalan 52/4, Peti Surat 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Telephone : 603-79684001 / 79684002 Email : sec@iem.po.my Fax No : 603-79577678

PERMOHONAN UNTUK KEMASUKAN SEBAGAI / PEMINDAHAN KEPADA SISWAZAH

APPLICATION FOR *ADMISSION AS / TRANSFER TO GRADUATE

Sila baca dan patuhi ARAHAN-ARAHAN KEPADA PEMOHON sebelum mengisi borang ini.
Please read & comply with INSTRUCTION TO APPLICANTS before completing this form.

1. BUTIR-BUTIR DIRI

PERSONAL PARTICULARS

Nama Penuh
Name (Gunakan huruf besar dan gariskan nama keluarga/bapa)
(Use block letters and underline family/ father's name)

(i) Alamat Tetap :
Address in Full

(ii) Alamat Surat-menyurat :
Postal Address
(Perhatian: Sebarang pertukaran alamat hendaklah diberitahu Institusi dengan segera.)
(N.B. Any change in address must be notified promptly to the Institution)

Nombor Telefon : Rumah : Pejabat :
Telephone Nos House Office

2. BUTIR-BUTIR DIRI

PERSONAL PARTICULARS

Tempat lahir : Tarikh lahir : Umur :
Place of Birth Date of Birth Age

Kewarganegaraan : Nombor Kad Pengenalan :
Nationality I.C. No.

3. KEDUDUKAN MASAKINI (sila tulis tidak berkenaan jika bekerja sendiri atau belum mempunyai pekerjaan)

PRESENT POSITION (Please write not applicable if unemployed)

Nama firma / majikan :
Name of University

Alamat :
Address

Gelaran Jawatan : Tarikh Perlantikan :
Title of Position Date of Appointment

Jurutera yang bertanggungjawab terus kepada pemohon:
Engineer to whom responsible:

Nama : No. Keahlian IJM :
Name (jika ada)
IEM M'ship No. / (if any)

Kelayakan Jurutera : Disiplin :
Qualifications His Discipline

4. KENYATAAN OLEH PENCADANG (Pencadang mestilah ahli Fellow / Ahli Korporat Institusi dan diminta mengesahkan kenyataan pemohon setakat mana anda mengenali mereka).

STATEMENT BY THE PROPOSER (The Proposer, who must be a Fellow or Member of The Institution is asked to verify the Applicant's statement as far as possible.)

SETELAH mengenali pemohon selama tahun, setakat pengetahuan saya dalam semua aspek, saya mengesyorkan beliau adalah layak dilantik sebagai Ahli Institusi ini.

HAVING known the applicant for years, I recommend him, from personal knowledge as at every aspect worthy of the distinction of being admitted as Graduate of The Institution.

NAMA PENCADANG :
Name of Proposer

Gred : Fellow / Ahli* : No Ahli :
Grade : Fellow / Member* Membership No :

Alamat :
Address

Tandatangan : Tarikh :
Signature Date

Tandatangan : Tarikh :
Signature Date

5. PERJANJIAN YANG DITANDATANGANI OLEH PEMOHON (sila baca dengan teliti)

UNDERTAKING TO BE SIGNED BY APPLICANT (Please read carefully)

Saya, yang bertanggungjawab, berjanji bahawa sekiranya dilantik, saya akan mematuhi Perlembagaan, Undang-undang dan Peraturan-peraturan Institusi pada masa ianya dikuatkuasakan dan saya akan menerima sebagai keputusan Majlis terhadap semua perkara yang dilakukan oleh Majlis setaraf dengan peruntukan Perlembagaan, Undang-undang dan Peraturan-peraturan sebagai muktamad. Saya juga berjanji untuk mempromosi objektif-objektif Institusi seberapa daya yang boleh; dengan syarat bahawa apabila sahaja saya memberi notis secara bertulis kepada setiausaha bahawa saya ingin menarik diri daripada Institusi; selepas menyelesaikan sebarang hutang yang bertanggungjawab oleh saya dalam tempoh ini; saya akan dibebaskan daripada kewajipan sedemikian.

Saya bertanggungjawab terhadap ketepatan butir-butir yang terkandung dalam borang permohonan ini dan bersetuju bahawa sekiranya saya dilantik, pengesahan lantikan akan bergantung kepada ketepatan butir-butir tersebut seperti mana yang dikehendaki oleh undang-undang.

Saya bertanggungjawab terhadap ketepatan butir-butir yang terkandung dalam borang permohonan ini, dan bersetuju bahawa sekiranya dilantik pengesahan lantikan akan bergantung kepada ketepatan butir-butir tersebut seperti mana yang dikehendaki oleh Undang-Undang.

I, the undersigned, do hereby promise that in the event of my admission/transfer will be governed by the Constitution, By-laws and Regulations of The Institution for the time being in force, and will accept as final and binding the decisions of the Council on all matters dealt with them in accordance with the provisions of the said Constitution, By-laws and Regulations. I further undertake that I will promote the objects of The Institution as far as may be in my power, provided that whenever I shall signify in writing to the Secretary that I am desirous of withdrawing from the Institution, I shall, after payment of any arrears which may be due from me at that period, be free from this obligation.

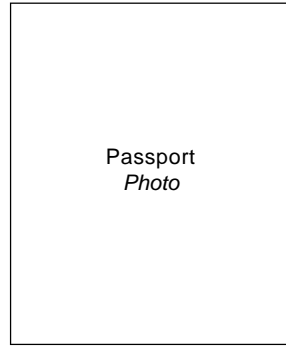
I accept responsibility for the accuracy of the particulars contained in this application form and agree that if I am admitted the validity of my admission shall depend upon the accuracy of such particulars as required by the By-laws.

Saya mengakui bahawa sekiranya kelayakan saya didapati tidak sejajar dengan keperluan syarat kemasukan Institusi disebabkan perubahan polisi atau kesilapan semasa penerimaan kemasukan sebagai Ahli, maka Institusi berhak menarik balik status keahlian saya.

I hereby acknowledge that in the event my qualifications are found to be non-compliant to the Admission criteria of the Institution due to changes in policies or oversight at the time of admission, the Institution reserves the right to withdraw my membership.

Tarikh : Tandatangan PEMOHON :
Date Signature of APPLICANT

* potong mana yang tidak berkenaan.
* Please delete whichever not applicable



Passport
Photo

6. PENDIDIKAN UMUM (All certified photocopies of certificates attained for Higher Education after SPM to be provided with Application Form.)
 GENERAL EDUCATION

Pendidikan Sekolah Menengah & Lokasi <i>Secondary Education School & Locations</i>	Peperiksaan Yang Lulus (Contoh : SPM Gred / STPM Gred) <i>Examinations passed (e.g. SPM Grade / STPM Grade)</i>	Tarikh Sijil Dikeluarkan <i>Dates of Awards</i>

7. PENDIDIKAN KEJURUTERAAN (Semua salinan-salinan sijil yang diperolehi untuk Pengajian Tinggi SPM yang disahkan hendaklah disertakan bersama Borang Permohonan.)
 ENGINEERING EDUCATION

Universiti / Pusat Pengajian Tinggi <i>Universities / Institution of Higher Learning</i>	Sijil Kejuruteraan diperolehi <i>Awards of Engineering Degree / Diploma Obtained</i>	Tarikh Sijil Dikeluarkan <i>Dates of Awards</i>

8. CARA PENGAJIAN Tanda (✓) di kotak berkenaan [Please tick (✓) appropriate boxes]
 MODE OF STUDY

- a. Degree Programme : i) Full Residential ii) Sandwiched Programme
- b. Twinining Programme : i) 3 + 0 Programme ii) 2 + 1 Programme iii) 1 + 2 Programme iv) 3 to 4 yrs Programme
 *(Overseas / Local)
- c. Distance Learning : i) Correspondence Course ii) Video Conferencing iii) Engineering Council iv) IEM/BEM Exam
- d. Franchised Program
- i) Name of College: _____ i) Name of University Franchised: _____

9. PENGHORMATAN, GELARAN DAN PENGANUGERAHAN : KEAHLIAN BADAN KEHORMAT DAN SAINTIFIK LAIN.
 HONOURS, DECORATIONS AND AWARDS: MEMBERSHIP OF OTHER ENGINEERING AND SCIENTIFIC BODIES.

10. DISPLIN KEJURUTERAAN DIPOHON: *Awam / Mekanik / Elektrik / dll
 DIVISION OF ENGINEERING APPLIED FOR: *Civil / Mechanical / Electrical, etc

PENGALAMAN PROFESIONAL (Kenyataan ini hendaklah menunjukkan dengan jelas kerja-kerja oleh pemohon selepas Tamat kelayakan peperiksaan. Tarikh, magnitud dan tahap tanggungjawab dan nama jurutera di bawah mana ditugaskan hendaklah ditunjukkan).
PROFESSIONAL EXPERIENCE: (This statement should show concisely the works upon which the applicant has been engaged since the completion of his examination qualification. The dates, magnitude and the degree of responsibility, and the name of engineers under whom he has served are to be indicated.)

11. RINGKASAN AKTIVITI LAIN BERKAITAN DENGAN KEJURUTERAAN. Bahan-bahan kertas kerja atau yang diterbitkan.
 NOTE OF OTHER ACTIVITIES RELATING TO ENGINEERING, paper read or published.

12. SILA NYATAKAN SAMADA PERNAH MEMBUAT PERMOHONAN SEBELUM INI (jika ada) Ya / Tidak*
 PLEASE STATE PARTICULARS OF PREVIOUS APPLICATION (IF ANY) Yes / No*

* Sebab-sebab tidak berjaya : Dibatalkan / Gagal / Tarik diri : Tahun:
 * Reasons for leaving : Rejected / Unsuccessful / Resigned Year

* Gred Keahlian yang dipohon :
 * Grade of membership previously applied for :

13. NO KEAHLIAN SISWA IJM (Jika ada) :
 IEM STUDENT MEMBERSHIP NO : (if any)

NOTA : Institusi tidak bertanggungjawab terhadap kehilangan atau kerosakan sebarang dokumen-dokumen ASAL yang diserahkan bersama permohonan ini.
 Note: The Institution does not accept responsibility for the loss of, or damage to, any ORIGINAL DOCUMENTS forwarded with this application.

NEW IEM AND BEM TRAINING REQUIREMENT

The Institution of Engineers, Malaysia and The Board of Engineers, Malaysia will implement new training requirements for all Graduate Engineers who register from January 1, 1998.

The Institution of Engineers, Malaysia (IEM) will implement the new training requirement for all Graduate Engineers as follows:

- (a) Young engineer graduating prior to 1.1.1998 - at least 3 years working experience.
- (b) Young engineer graduating after 1.1.1998 - at least 4 years working experience.
- (c) Young engineer to be registered under Category R will require at least 6 years of working experience regardless of year of graduation.

The Board of Engineers, Malaysia and The Institution of Engineers, Malaysia have decided to implement revised training requirements for graduate engineers who desire to become professional engineers. This is in view of the fact that engineering students follow varied routes in their pursuit for an engineering degree. The requirements include, besides extended training period, compulsory courses to be undertaken, participation in professional development programmes and involvement in continuing engineering education programmes. With these measures, it is hoped that we will improve the quality of our Professional Engineers who will be able to serve globally.

For graduates who do not follow a fulltime engineering course in a university environment, the training period is further extended.

The revised training requirements will be effective for graduates from accredited university programmes registered after 1st. January 1998 and for graduates through other programmes from 22nd. May 1997. The detailed requirements are as follows:

GRADUATE FROM ACCREDITED UNIVERSITY PROGRAMMES

The practical experience that a registered Graduate Engineer is required to obtain under Section 10 (I)(b) of the Act in order to be entitled to apply for registration as a Professional Engineer shall be carried out in a manner satisfactory to the Board for a period of not less than FOUR years covering the following:

- (a) General Training, which should link the conceptual analytical abilities developed during the degree course with its wide application in industry and give a sound base for professional development, for a period of not less than TWO years of which up to twelve months of relevant, accredited and recognised industrial training during the undergraduate course may be credited.
- (b) Professional Career Development Training, which will provide exposure to skills awareness, management, responsibility, teamwork, logical approach etc. for a period of not less than TWO years.
- (c) Satisfactory Attendance in the following course conducted by BEM or institutions approved by BEM.
 - (i) code of ethics 12 hrs
 - (ii) occupational safety and health at work, relevant bylaws / regulations 12 hrs
 - (iii) engineering management practice 12 hrs
 - (iv) topics related to branch of engineering 24 hrs
- (d) Completion of not less than 30 units of professional development which includes attendance at talks, seminars, meetings and community services.

GRADUATE FROM APPROVED TWINNING, PART-TIME, DISTANCE LEARNING PROGRAMME

The practical experience that a registered Graduate Engineer is required to obtain under section 10(I)(b) of the Act in order to be entitled to apply for registration as a Professional Engineers shall be carried out in a manner satisfactory to the Board for a period of not less than SIX years covering the following:

- (a) General Training, which should link the conceptual analytical abilities developed during the degree course with its wide application in industry and give a sound base for professional development, for a period of not less than THREE years of which up to twelve months of relevant, accredited and recognised industrial training during the undergraduate course may be credited.
- (b) Professional Career Development Training, which will provide exposure to skills awareness, management, responsibility, teamwork, logical approach etc. for a period of not less than THREE years.
- (c) Satisfactory Attendance in the following courses conducted by BEM or institutions approved by BEM.
 - (i) code of ethics 12 hrs
 - (ii) occupational safety and health at work, relevant bylaws / regulations 12 hrs
 - (iii) engineering management practice 12 hrs
 - (iv) topics related to branch of engineering 24 hrs
- (d) Attendance in Continuing Engineering Education Programmes totalling 24 days.
- (e) Completion of not less than 45 units of professional development which includes attendance at talks, seminars, meetings and community services.

One unit of professional development is equal to one hour's participation in the above activities subject to a maximum of four units in a day.

Training as prescribed in (a) and (b) must be supervised by a Mentor/Professional Engineer in the same branch although Mentor/Professional Engineers in other disciplines are acceptable, with prior approval from the BEM.

At least one year of the professional experience shall be obtained in Malaysia. It is recommended that engineers maintain a log book of training endorsed by the mentor at quarterly intervals. The log book should also contain details of involvement in professional development.



INSTITUSI JURUTERA MALAYSIA

The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Telephone : 603-79684001 / 79684002 Email : sec@iem.po.my Fax No : 603-79577678

Training Scheme

1.0 INTRODUCTION

1.1 The objective of the Institution of Engineers, Malaysia is the advancement of engineering profession. Before becoming a Corporate member of the Institution and/or being registered under the Registration of Engineers Act, 1967 a person must have received engineering education and advanced training to standards determined by the Institution and the Board of Engineers, Malaysia.

1.2 The Institution and the Board are two separate bodies. However, their representatives work together in committees of the Institution to establish common standards of education and training and the Board normally accepts the standards of the Institution as satisfying its requirements. Professional Interviews are conducted by the Institution for Corporate membership of the Institution.

2.0 THE INSTITUTION TRAINING

2.1 The Institution Training Scheme is drawn up by the Institution to provide for the proper practical training of young graduates entering the profession of engineering and to ensure the such training conforms to the Institution Rules concerning the admission of Corporate Members.

2.2 Although not obligatory, it will normally be advantageous for a candidate appearing for the Professional Interview to obtain his practical experience under a formal training scheme of the Institution supervised by a Corporate Member of the Institution.

2.3 The Professional Interview Regulations state that a Candidate shall have had at least 4 to 6 years (depending on training requirements) of approved experience in planning, design, execution or management of such works as stipulated and relevant to the profession of an engineer. Candidates can apply for P.I. after having undergone 4 to 6 years of practical training - either through the log book training scheme or working experience.

2.4 Other training scheme(s) bearing similar provisions as the Institution training scheme may be accepted as its equivalent. Prior approval of the Institution is required for such scheme to be accepted. Please check with Secretariat.

3.0 ADMINISTRATION OF TRAINING SCHEMES

3.1 The Institution shall prepare, maintain and keep under review, a register of Corporate Members who are willing to act as mentors to candidates for approved practical training as set out in the IEM Professional Interview Regulations.

3.2 Applicants for inclusion in the register may be made to the Honorary Secretary of the Institution on a prescribed Form. The requirements are as follows:

(a) The Corporate Member shall be in such a position of responsibility as will enable him, in the opinion of the council, to ensure that the Candidate obtains adequate and relevant practical training in the field, office and on works, and to exercise such supervision that he can sign the certificate required by the Institution on the completion of the training period.

(b) He shall have been a Corporate Member for at least three years.

(c) He shall not act as mentor to more than three candidates at any one time.

(d) He shall undertake to report any change of circumstances which may prevent him from providing proper training to the Candidate.

3.3 The Candidate shall perform this practical training under the Institution Training Scheme on a prescribed Institution Log Book available at a prescribed fee of RM10/- per copy.

3.4 On satisfactory completion of the period of training, the Candidates shall prepare the necessary documents to be signed by the Corporate Member and shall submit this with his application to sit for the Professional Interview.

HOW TO BE A PROFESSIONAL ENGINEER

The IEM Secretariat receives numerous enquiries almost daily from graduate engineers as to how they can qualify as professionals.

To help these anxious engineers, we list below the steps which are necessary to enable them to be registered by the Board of Engineers, Malaysia (BEM) as Professional Engineers (P.E).

First they should register themselves with the Board of Engineers upon graduation as it is compulsory under the Engineers Act 1967 for all practising engineers to register with the Board.

After registration with the Board, the engineers could approach towards their objectives of obtaining P.E. either on their own or through the IEM Log book scheme.

If they intend to complete their training on their own they will have to undergo 3 years or 4 years to 6 years (depending on requirements) training stints as far as possible under a P.Eng. who is in the same discipline.

If they opt for the IEM log book scheme, training will take 4 to 6 years for those graduating after 1.1.1998 and three years for those who graduated prior to this date.

Once the candidates complete their training (either on their own or through the IEM Log Book scheme), the next step for them is to sit for the Professional Interview conducted by IEM. Once they pass this interview (which consists of oral questions and essay writing) they could be admitted as Corporate Members of IEM and are then eligible to apply to be registered as P. Eng.

Training Requirements with effect from 1st Jan, 1998

For Graduate Engineer who register with BEM from 1st Jan, 1998 please note:-

GRADUATE (A)

The practical experience that a registered Graduate Engineer (A) is required to obtain under section 10(1)(b) of the Act in order to be entitled to apply for registration as a Professional Engineer shall be carried out in a manner satisfactory to the Board for a period of not less than FOUR years.

GRADUATE (B)

The practical experience that a registered Graduate Engineer (B) is required to obtain under section 10(1)(b) of the Act in order to be entitled to apply for registration as a Professional Engineer shall be carried out in a manner satisfactory to the Board for a period of not less than SIX years