

Recognition of engineering and computer science programmes of the University of Macau for Intakes in 2010 and before

The following engineering and computer science degree programmes of the University of Macau for intakes in 2010 and before will satisfy the academic requirements for Corporate Membership of the HKIE and the Scheme “A” Training in the corresponding Disciplines subject to the following conditions:

- Bachelor of Science in Civil Engineering (Full Time) (For Building, Civil, Geotechnical and Structural Disciplines of the HKIE)

Building Discipline: Graduates for this programme are eligible for Membership of the HKIE and the Scheme "A" Training only if they have fulfilled the relevant top-up requirement as specified in the Admission Requirements for the Building Discipline.

Civil Discipline: No top up requirements are necessary.

Geotechnical Discipline: Graduates must take either one of the elective courses (i.e. CIVL 454: Design and Construction of Retaining Systems for Deep Excavation and CIVL 455: Foundation Engineering), or a project involving geotechnical design.

Structural Discipline: Top up courses are required which include the following:

- (i) one course on Structural Design (minimum one elective from CIVL426, CIVL427 or CIVL458), and
- (ii) one course on Foundation Engineering (CIVL455), and
- (iii) either one course on Construction Management and Law (CIVL 480) or one course on Management and communication skills (CIVL 473)

- Bachelor of Science in Electromechanical Engineering (Full Time) (For Mechanical Discipline of the HKIE)

Mechanical Discipline: Top up courses are required which include the following courses:

MECH408 / EMEB376 Theory of Mechanisms

MECH486 / EMEB359 Finite Element Techniques in Engineering

- Bachelor of Science in Software Engineering (Full Time) (For Information Discipline of the HKIE)

Information Discipline: No top up requirements are necessary.

- Bachelor of Science in Electrical and Electronics Engineering (Full Time) (For Electrical Discipline of the HKIE)

Electrical Discipline: Top up courses are required which normally include at least two courses on:

- (i) Society and the Engineers
- (ii) Management or Health, Safety and Environment or Accounting

Applicants for Electrical Discipline are required to be individually assessed by the Electrical Discipline Advisory Panel on the exact top up courses required.

The following courses are eligible for serving as top up courses:

- (i) ECEB150 Engineering in Society
- (ii) EMEB368 Introduction to Engineering Management
- (iii) CISB464 Entrepreneurship in Computer Science (formerly named CISB464 Organization and Management)

Applicants who have enquiries on the above requirements may contact Membership Section or Accreditation & Registration Section at 2895 4446 or obtain further information on our website at www.hkie.org.hk.