# REALIGNING THE SUBJECTS AND CHANGINGTHEIR WEIGHTS AND TIME ALLOTMENT IN THE BOARD LICENSURE EXAMINATION FOR CIVIL ENGINEERS (BLECE)

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WHEREAS, Section 10, Article II, of Republic Act No. 544, as amended, known as the “Civil Engineering Law”, lists the subjects for which applicants for certificates of registration as civil engineer shall be examined, and empowers the Board of Civil Engineering to examine such applicants for registration as a civil engineer in the subjects enumerated therein;

WHEREAS, Board of Civil Engineering Resolution No. 68, dated 20 March 1998, three subjects enumerated hereunder in the Board Licensure Examination for Civil Engineers (BLECE) with their corresponding weights and time allotments:

(a) Mathematics, Surveying and Transportation Engineering – 35% (5 hours duration)
(b) Hydraulics & Geotechnical Engineering – 30% (4 hours duration), and
(c) Structural Engineering and Construction – 35% (5 hours duration);

WHEREAS, the Commission on Higher Education (CHED) has promulgated a new curriculum leading to the degree of Bachelor of Science of Civil Engineering effective school year 2008-2009;

WHEREAS, the Board has promulgated a Board Resolution, prescribing the new syllabi for the subjects in the BLECE to harmonize with the new curriculum, for the implementation in the November BLECE; and

WHEREAS, there is a need to realign the composition of the present examination subjects to harmonize with the new curriculum and revised syllabi therefor;

NOW, THEREFORE, the Board RESOLVES, as it hereby RESOLVED, to realign the subjects in the Civil Engineering Licensure Examination and change their respective weights and time allotments, as follows:

(a) Mathematics, Surveying, Transportation Engineering and Basic Engineering Sciences, 33 1/3% weight, four (4) hours duration. These clustered subjects include algebra, advanced algebra, plane and spherical trigonometry, analytic geometry, solid mensuration, differential calculus, integral calculus, differential equations, probability and statistics, advanced engineering mathematics for civil engineering, elementary and higher surveying, engineering surveys, highway engineering, transportation engineering, engineering, drawing, computer fundamentals and programming, computer-aided drafting, statics of rigid bodies, dynamics of rigid bodies, mechanics of deformable bodies, engineering economy, and engineering management.

(b) Geotechnical Engineering, Water Resources, Hydraulics, Environmental Engineering and Safety Management, 33 1/3% weight, four (4) hours duration. These clustered subjects include soil mechanics, foundations, mechanics of fluids, hydraulics, hydrology, water resources engineering, environmental engineering, and safety management.

(c) Structural Engineering, Building Design, Construction and Civil Engineering Documents, 33 1/3%, four (4) hours duration. These clustered subjects include structural theory, reinforced concrete design, steel and timber


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design, building design, construction materials and testing, and construction methods, project management, civil engineering laws, contracts, and specifications.

FURTHER, RESOLVED, that the new subjects, weights, time allotments, and time schedules shall be implemented in the November 2013 Board Licensure Examination for Civil Engineers (BLECE);

FURTHERMORE, RESOLVED, that this Resolution shall take effect after fifteen (15) days following its full and complete publication in the Official Gazette, or in newspaper of general circulation in the Philippines;

FINALLY, RESOLVED, that copy of this Resolution be furnished to the Commission on Higher Education (CHED), the schools, colleges and universities offering the course of civil engineering for dissemination to all concerned.

(SGD.) APOLLO S. ENRIQUEZ
Officer-in-Charge

(SGD.) ROBERTO P. BERNARDO
Member

Attested:

(SGD.) CARLOS G. ALMELOR
Secretary, Professional Regulatory Boards

Approved as part of the rules and regulations governing the practice of the
Civil Engineering profession this day of , 2008 in the City of Manila

(SGD.) NICOLAS P. LAPEÑA, JR.
Secretary

(SGD.) RUTH RANA PADILLA
Commissioner

(SGD.) NILO L. ROSAS
Commissioner


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