



**THE ASSOCIATION OF PROFESSIONAL ENGINEERS
AND GEOSCIENTISTS OF BC**

ACADEMIC EXAMINATION REGULATIONS

Examination candidates must possess two years of post-secondary education in engineering, geoscience, science, or technology, applicable to the discipline in which the applicant wishes to be examined.

Association examinations are held twice each year, normally during the month of May and December. Most examinations are three-hour examinations with a minimum passing grade of 50%. Examiners are selected from members of the academic community who have special qualifications and expertise in their subjects.

Examination syllabi and recommended textbook lists will be revised from time to time. Candidates are asked to report to the Registration Department any texts that are out-of-print or for which there are newer editions than those listed. Please note that the most recent edition of texts will be the texts used to set the examinations. When possible, examination papers from previous years are also available to candidates as a study aid upon request.

Candidates will only be accepted as being academically qualified when all of the examination assignments have been passed. Candidates may attempt the Professional Practice Examination subject to successful completion of all academic requirements and a minimum of three years satisfactory engineering or geoscience experience.

(A) TWO TYPES OF ASSOCIATION EXAMINATIONS

(i) Confirmatory Examinations/Fundamentals of Engineering Examination

1. Confirmatory Examinations must be completed within three years of their original assignment date. The National Council of Examiners for Engineering and Surveying (U.S.) Fundamentals of Engineering (FE) Examination may be completed in lieu of Confirmatory Examinations by candidates who have graduated from a university undergraduate program in engineering with the exception of 98-CS-1 – Engineering Economics, if assigned.

2. Failed Examinations:

If a candidate fails a Confirmatory Examination, he or she must pass the examination at a subsequent sitting.

If a candidate attempts a Confirmatory Examination and fails, he or she cannot switch to the FE Examination route.

If a candidate fails the FE Examination, he or she must pass the examination at a subsequent sitting, but will not be assigned additional examinations.

If a candidate attempts the FE Examination and fails, he or she can switch to the Confirmatory Examination route;

Exception: Candidates who have failed Confirmatory Examinations prior to the inception of the policy offering the FE Examination as an alternative to Confirmatory Examinations (September 7, 2007) may make good on those examinations and then switch to the FE Examination option.

3. Special examinations may be assigned in the case of a candidate whose academic qualifications cannot be evaluated with confidence. Further academic assessment will follow completion of the initial examination assignment.
4. University examinations and courses will not, under any circumstances, be allowed to substitute for confirmatory or special examinations with the exception of 98-CS-1 – Engineering Economics.
5. Candidates must request an extension of time if they are unable to complete the examinations within the required time frame.

(ii) Non-Confirmatory Examinations

1. A candidate must pass Basic Studies and Professional examinations within six years of the original non-confirmatory assignment; with the exception of failed Confirmatory Examinations which must be passed within three years of the original examination assignment.
2. Engineering candidates may attempt Basic Studies and/or Complementary Studies examinations simultaneously. Professional examinations may not be attempted before all assigned Basic Studies examinations have been passed. However, the applicant may attempt Professional examinations if only one Basic Studies examination remains to be passed and is being written. Examination assignments must be commenced within three years of initial assignment.
3. Geoscience candidates must pass all Common-to-all-Geoscientists (GeoCom) examinations before attempting Specific examinations.
4. The following paragraph does not apply to those candidates who have been previously assigned Confirmatory examinations, or have failed a Confirmatory examination:

Upon prior approval from the Association, university examinations may be assigned in lieu of Association examinations. This allows the candidate to take a pre-approved university course(s) instead of writing the corresponding Association examination. There may be a few Association subjects for which no acceptable university equivalent is available and some Association examinations may require more than one university course to cover the same material. Candidates should obtain prior

approval from the Association if they wish to take equivalent courses from universities in lieu of the examination assignment.

5. A candidate may not attempt the same examination more than three times unless good and sufficient reason is presented to allow an exception.
6. Candidates must request an extension of time if they are unable to complete the examinations within the required time frame.
7. If a candidate assigned Confirmatory examinations fails an examination, that examination would fall under the Non-Confirmatory category. If the candidate fails another examination, the file will be reviewed, and additional examinations may be assigned.

The following regulations apply to both Confirmatory and Non-Confirmatory Examinations. The Fundamentals of Engineering Examination is provided by the National Council of Examiners for Engineering and Surveying. Application, schedule and venue information may be found at <http://www.ncees.org>.

(B) APPLICATIONS

Examination sessions for Association examinations are scheduled during the month of May and December. Candidates intending to sit for any examination sessions must apply by submitting the Academic Examination Application Form and fee at least three months before the examinations commence. No examination applications will be acknowledged after the examination application deadline. Candidates will be advised about the timetable and venues approximately three weeks before the examination date.

(C) EXAMINATION VENUES – ASSOCIATION EXAMINATIONS

Association examination venues are normally as follows:

Lower Mainland: APEGBC Office, 200-4010 Regent St., Burnaby, BC

Victoria: University of Victoria, Engineering Office Wing, Victoria, BC

Other: As arranged

Where possible, arrangements will be made for an applicant to write the examination in locations other than in Lower Mainland or Victoria, provided that a suitable invigilator (proctor), either a professional engineer or professional geoscientist registered in North America is identified by the applicant. Candidates will be responsible for all expenses incurred (e.g. courier, room booking, invigilation fees, etc.) if examinations are written outside Canada.

(D) EXAMINATION FORMAT

1. Most Association examinations are three hours per session. Certain examinations will be “open book” while others will be “closed book”. Candidates will be advised of examination formats as soon as possible. If no advice is received that an examination is “open book”, candidates are to assume that it is “closed book”.
2. For an “open book” examination, a candidate may bring in any notes, texts or aids desired unless specifically disallowed by the examiner. Graph paper will be provided if needed.
3. For a “closed book” examination, no aids may be brought into the test centre except writing instruments and other materials specified in advance by the examiner.
4. Some examinations may allow specific brands of calculators as an additional aid. Candidates will be advised of the pre-approved calculator lists as soon as possible. Calculators not on the “pre-approved” list which are brought into the test centre will not be permitted and the candidate will take full responsibility for attempting the examination without a calculator.

(E) MARKING, RESULTS AND RE-READS

1. The passing mark for each examination is 50%. Candidates who do not attempt examinations arranged for them will receive a zero score for those examinations.
2. Examination results will be available approximately 8 weeks after the examination and candidates will be notified by mail only. Examination results will not be communicated by telephone, email or fax.
3. Examination papers or copies thereof will not be returned to the candidates, nor are correct answers to the questions available. However, candidates are permitted to view their papers under supervision in the Association office by special arrangement only.
4. Should a candidate be convinced that a paper merits a higher mark than was given, he or she may apply for a re-read. The fee for this service is \$250.00, regardless of whether the mark is changed to a higher mark. Note that all papers graded between 45% and 49% have already been re-read once by the examiner. A candidate must apply within 30 days for a re-read. The fee is non-refundable and the re-read mark is the final mark.

(F) EXAMINATION FEE, CANCELLATIONS AND ‘NO-SHOWS’

The examination fee is subject to change without notice and is non-refundable.

A change fee of CDN \$175.00 will be charged for each change made by the applicant after the examination application deadline, if they wish to write at a session other than the one originally applied for. A change will not be confirmed until the change fee has been received at the Association office. Each deferral of writing will incur an additional change fee. Changes may be made and confirmed with payment up to three days after the examination date, following which the entire examination fee will be forfeited by the applicant.

(G) CONDITIONS

1. A candidate found using notes or other aids in an examination where none are permitted may expect to be barred from sitting further examinations.
2. When a candidate fails to appear for an examination, forfeiture of the fee is automatic.
3. It is imperative that candidates advise the Association office of any change of address.

(H) “LOOKING-TO-EXEMPT” CANDIDATES

Candidates eligible for consideration under the “Looking-to-Exempt” policy (those with more than seven years of experience after receipt of an engineering/geoscience/applied science degree) may choose to write Association examinations. These candidates should be cautioned that a failure in an Association examination will result in the candidate becoming ineligible for consideration under this policy.



IMPORTANT NOTICE TO EXAMINATION CANDIDATES

CALCULATOR POLICY FOR ACADEMIC EXAMINATIONS

Please note that the examination format chosen by the Association's examiners for each examination will govern the use of calculators during examination sittings.

Exam Format 1: No calculators permitted. The exam may be CLOSED or OPEN BOOK.

Exam Format 2: One of two calculators is permitted. You may use either a CASIO FX-991, FX-250, FX 100S, FX-55, FX-260, FX-280, FX-300, FX-300MS, FX-115 or SHARP: EL-540, EL-540G, EL-531L, EL-546W, EL-546 WB-BK, EL-509LH, EL 520, EL-520L, EL 520W, EL-506L, EL-546G or EL-546L. The exam may be CLOSED or OPEN BOOK. Note any alpha letter that follows the calculator model number is acceptable EXCEPT for the letter s, which means the calculator is programmable.

Exam Format 3: Any non-communicating calculator will be permitted. The exam will be an OPEN BOOK exam. (Candidates will identify the calculator used on the inside left-hand sheet of the exam work book, i.e. name and model designation.)

Please note that the calculator requirements associated with each examination will be sent to you with the Examination Timetable. **Candidates unfamiliar with a CASIO or a SHARP calculator may wish to purchase one of them in advance in the event Format 2 is selected by the Association's examiner. There will be no exception to the restriction requiring the use of one of these calculators where Format 2 is selected.**