


**A P E G S**

*Association of Professional Engineers  
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## APEGS' TECHNICAL EXAMINATION PROGRAM

### Why a technical exam program?

The academic requirement for licensing as a professional engineer in Saskatchewan is a bachelor's degree in engineering from an accredited program at a Canadian university or equivalent.

The Canadian Engineering Accreditation Board (CEAB) accredits undergraduate engineering degree programs on behalf of the provincial/territorial engineering associations/order, including APEGS.

Applicants who do not hold a bachelor's degree in engineering from a CEAB-accredited program may be required to take a technical exam(s) either to fill a gap(s) in their program relative to the Canadian syllabus (deficiency exams) or to demonstrate/confirm that the level of the program taken is at the same level as a Canadian program (confirmatory exams).

### APEGS' Technical exam programs

**Confirmatory Exam Program:** Applicants whose bachelor level university program of study in engineering appears to be similar in breadth to a CEAB-accredited program in the same discipline are assigned a confirmatory exam program. This exam program is to test and confirm that the level of the program taken by the applicant is comparable to a CEAB accredited Bachelor degree in engineering. Confirmatory exams consist of a minimum of three exams from the relevant discipline specific syllabus, two from group A (compulsory subjects) and one from group B (elective subjects). The number of confirmatory exams assigned is at the discretion of the Academic Review Committee. The intent is to give the applicant an opportunity to demonstrate that s/he has an academic preparation that is deemed to be equivalent to that of a graduate of a CEAB-accredited program.

**Deficiencies:** If the academic assessment reveals that an applicant's program has gaps compared to the Canadian syllabus, then s/he will be assigned deficiencies. These are specific subject areas that were not adequately covered in the applicant's education, but are expected to be covered in a CEAB-accredited program. It is possible to fulfill the deficiencies by taking an approved course rather than writing the technical exam. A formal request must be sent to the Academic Review Committee to receive approval of the proposed courses.

### Time limit for writing exams

Technical exams are offered twice annually (in May and December). All exam programs must be successfully completed within four years of the date that the applicant was notified of his/her exam program.

### **Performance standards**

The pass mark for all exams is 50%. To get credit for a deficiency a passing mark is required. An applicant will be considered to have successfully completed the confirmatory exam program if the average mark of the three technical exam is at least 55% and a pass mark (at least 50%) is received in each exam.

### **Good-performance review policy**

If an applicant receives a very good mark on their first confirmatory exam, s/he may be exempt from writing the remaining exams. There is not set mark required for this policy. It depends on each individual's specific academic background and the results of all others who wrote the same exam. The Academic Review Committee will review the results of each confirmatory exam and determine if there is reason to waive the remaining exams. If an exam is not passed, then the applicant may rewrite it, or they may choose to try and write in another subject. The good performance criteria applies only to confirmatory exams. There is not a good performance criteria for deficiencies. All deficiencies must be fulfilled.

### **Exam application and fees**

Exam application can be found on the APEGS website

<https://www.apegs.ca/Portal/Pages/technical-exams-engineering>.

Exam Fee: \$210/exam

All Exam Fees are non-refundable.

### **When and where are exams offered in Canada**

Technical exams are held in May and December at several locations in Saskatchewan and across Canada. Exams are usually offered over a five-day period. Applications to write are due in February for the May sitting and in August for the December sitting (check the APEGS website for specific due dates). If the technical exam application is not received by the times indicated above, applicants should call APEGS to see if it is possible to write their specific exam. If exams have already been requested by others, then it is possible to register after the deadline.

### **Saskatchewan Exam Centres**

Exams are offered twice a year in May and December at the following locations in Saskatchewan:

Moose Jaw

North Battleford

Prince Albert

Regina

Saskatoon

Yorkton

The timetable and exact location of exams is posted on the APEGS website as soon as it is available, so check the website often. Applicants living inside Regina must write at the APEGS office.

Applicants living outside of Regina must use one of the pre-arranged exam centers unless there are extenuating circumstances. If you wish to request special consideration to write somewhere other than one of the exam centers, please contact the APEGS office. You will be required to find your own invigilator who must be a P.Eng, P.Geo registered in Canada, or an administrative professional at a post-secondary institution. Any other invigilators must be pre-approved by APEGS.

If you want to write somewhere else in Canada, please contact us at [questions-academicreview@apegs.ca](mailto:questions-academicreview@apegs.ca) and use the subject heading "technical exam information".

### **Writing Exams outside of Canada**

It is possible to write exams outside of Canada, but arrangement must be made well in advance. There is an extra charge of \$150 in addition to the exam fee in order to cover extra costs associated with sending the exam out of Canada. The exams must be written at a Canadian or US Embassy or Consulate. If that is not possible, then the British Council may be used.

The exam candidate is responsible to find a suitable invigilator. You must contact the Embassy as soon as possible in order to ascertain whether or not you can write at that location.

Once you have found an embassy to write at, you must email the name, address and email address to us. We will then contact the Embassy directly to arrange for the exam to be sent to them. The Embassy will send the completed exam directly to Professional Engineers of Ontario who set and mark all exams.

If there is a fee charged by the embassy for the invigilation service, the exam candidate is responsible for paying it.

### **Additional information**

#### *Text books and other study materials*

The list of exam aids is on the APEGS website under APPLY/Applications for Engineers/ International Engineering Graduates/Technical Exam Program.

Textbooks and study aids may be acquired from the following websites:

[www.Amazon.ca](http://www.Amazon.ca)

[www.chapters.indigo.ca](http://www.chapters.indigo.ca)

#### *Direct from the publisher:*

Wiley - [www.wiley.com](http://www.wiley.com)

McGraw Hill - [www.mheducation.ca](http://www.mheducation.ca)

Prentice Hall - [www.prenhall.com](http://www.prenhall.com)

Thompson Learning - [www.nelsonbrain.com](http://www.nelsonbrain.com)

Marcel Dekker Inc – [www.cplbookshop.com](http://www.cplbookshop.com)

Wall and Emerson - [www.wallbooks.com](http://www.wallbooks.com)

ASAE Publication - [www.asabe.org](http://www.asabe.org)

#### *Textbook Rentals:*

[www.textbookrental.ca](http://www.textbookrental.ca)

Some of the books are available in digital format, some only in print. Additionally, many of the textbooks may be available at local Canadian universities.

#### *Old Exams:*

Previously written exams are available on the APEGBC website. The answers to the questions are not included.

<https://www.egbc.ca/Become-a-Member/How-to-Apply/Academic-Examinations-and-Syllabi/Past-Academic-Exams>

#### *Number and Order of exams*

Applicants are not required to write all the exams at one time. In fact, we suggest that they are written one at a time, although it is completely up to the applicant to determine what works best for them. Exams can be written in any order that is preferred, however, since an excellent mark may

mean that it won't be necessary to write the other confirmatory exams, applicants may want to write the exam that they are the most comfortable with first.

### *English Language Skills*

An acceptable level of English—both written and spoken—is required to practice engineering and to successfully complete technical exams. If an applicant needs to improve English language skills, s/he should contact one of the many English as a Second Language Programs run by schools and community organizations throughout Saskatchewan.

### *Penalties*

Using notes or other aids in an exam where these are not allowed is strictly forbidden. Applicants caught doing so will have their paper confiscated and risk having their licence application withdrawn.

### *Exam Results*

Exam results are normally mailed within 45 working days following writing of the exam. No results will be given over the telephone or in person at the APEGS offices. Exam papers will not be returned to applicants and answers are not available. Failed exams are automatically re-read. However, applicants may request a formal re-read of an exam paper. A non-refundable fee of \$330 is charged in the event a formal re-read is requested by an applicant. Requests for a re-read must be received within 30 days after an applicant has been notified of the exam mark.

### **Fundamentals of Engineering Exam (FE)**

It is possible to write the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering exam (FE) instead of confirmatory exams. You must submit an application form to APEGS. Download the FE Exam Application and fill it out. Send the completed form to [documents-academicreview@apegs.ca](mailto:documents-academicreview@apegs.ca). Once we have verified that you are eligible to write the exam we will notify you. You must register to write the exam directly with NCEES. There is a cost of \$250 payable to NCEES at the time of registration. When you register to write the exam make sure you choose APEGS from the list of boards and partners. That way we will be notified of the results.

### **Working in engineering before licensure**

Applicants may work in engineering provided a licensed professional engineer takes responsibility for the work. It is illegal to use the title “professional engineer” or any variation thereof (project engineer, systems engineer, etc.) as an occupational or business title that might lead to the belief that a person is a licensed professional engineer.

### **Need more information?**

For more information about licensing/registration requirements, please contact:

Academic Review

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