

VIEW FROM THE TOP

The Engineer's Weekly



The UPEI Engineering Society proudly announces the return of "The View from the Top"!! In this and all subsequent issues of the Engineers Weekly we will strive to bring information, bulletins and good humour. This issue begins a weekly informative series on different fields of Engineering. We also will be publishing bulletins on Society Activities and individual accomplishments. Along with this -- humorous extracts from other publications mixed with typical Engineering jokes will appear.

Although the word engineer may mean only one profession to most people, the fact of the matter is, within that profession there are as many as a dozen different subdivisions. These careers range from highly mathematical fields such as Electrical Engineering to the more management oriented subject of Industrial Engineering. In a continuing series of articles we will attempt to show specifically what each type of Engineering entails.

Civil Engineering traditionally represents the bulk of all Engineering graduates. Certainly a large majority of the working engineers on P.E.I. belong to the Canadian Civil Engineering Institute. (All four of our profs. are Civil.) Basically Civil Engineers are, in the truest sense of the word, builders. Civil Engineers are responsible for design and construction of buildings, bridges, highways and airports, among many other projects. Upon receipt of a contract, a Civil Engineer, sometimes working with an architect, comes up with a design which incorporates all of the various functional and budgetary requirements.

At this point all services and structural specifications are designed into the building, and construction will begin. Throughout the entire construction phase a Field Engineer will co-ordinate all activity and see that all specs. and codes are observed.

Historical civil

engineers include: Egyptian pyramid builders, Roman architects and the Aztec city designers.

Engineering Prerequisite Exam

Instructions: Read each question carefully. Answer all questions. Time limit - 4 hours. Begin immediately.

HISTORY - Describe the history of the papacy from its origin to the present day, concentrating especially but not exclusively, on its social, political, economic, religious, and philosophical impact on Europe, Asia, America, and Africa. Be brief, concise and specific.

MEDICINE - You have been

provided with a razor blade, a piece of gauze, and a bottle of Scotch. Remove your appendix. Do not suture until your work has been inspected. You have fifteen minutes.

PUBLIC SPEAKING - 2,500 riot-crazed aborigines are storming the classroom. Calm them. You may use any ancient language except Latin or Greek.

BIOLOGY - Create life. Estimate the differences in subsequent human culture if this form of life had developed 500 million years earlier, with special attention to its probable effect on the English Parliamentary system. Prove your thesis.

MUSIC - Write a piano concerto. Orchestrate and perform it with flute and drum. You will find a piano under your seat.

SOCIOLOGY - Estimate the sociological problems which might accompany the end of the world. Construct an experiment to test your theory.

ECONOMICS - Develop a

realistic plan for the refinancing of the national debt. Trace the possible effects of your plan in the following areas: Cubism, the Donatise controversy, the wave theory of light. Outline a method for preventing these effects. Criticize this method from all possible points of view.

POLITICAL SCIENCE - There is a red telephone on the desk beside you. Start World War III. Report on its socio-political effects, if any.

PHYSICS - Explain the nature of matter. Include in your answer an evaluation of the impact of the development of mathematics of science.

PHILOSOPHY - Sketch the development of human thought; estimate its significance. Compare with the development of any other kind of thought.

GENERAL KNOWLEDGE - Describe in detail. Be objective and specific.

EXTRA CREDIT - Define the Universe; give three examples.

Is your Engineering vocabulary complete? Here are a few phrases (and their true meanings) you might add to your repertoire.....

- "In-depth reassessment" (We kicked it around at lunch)
- "Note and initial" (Let's share the responsibility on this)
- "A survey is being made" (We need more time on this)
- "Further substantiating data necessary" (Your stuff is lost, send again)

Patrick's Theorem: If the project works, you must be using the wrong equipment.

The Five Thumb Postulate: Experience varies directly with the equipment ruined.

The Spare Parts Principle: The recoverability of small parts which fall from the work bench varies directly with the size of the part and inversely with its importance to the completion of the work underway.

<p>noon buffets</p> <p>Our hot and cold buffets are the most economical in town and our chef serves 3 hot dishes and 10 cold salads daily.</p>	<p>student nite</p> <p>Every WED. nite is Student Nite. No cover charge for UPEI students. UPEI Student I.D.'s must be shown.</p>	<p>happy hour</p> <p>Friday evenings from 4:00 p.m. till the pot runs dry, enjoy a complimentary bowl of Seafood Chowder while enjoying our happy prices.</p>
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