



EIT RESULTS APPROVED

At the January 1981 Board Meeting, the board approved the results submitted by the National Council of Engineering Examiners (NCEE) of the Fundamentals of Engineering Examination conducted in November 1980. A tabulation of pertinent data is shown below.

		Total	Pass	Fail	Mean Score	% Passing
ABET Accredited*	4 yr. Eng. Examinees	1,377	992	385	74.01	72
ABET Accredited	4 yr. Eng. Tech. Examinees	114	48	66	67.52	42
Non-ABET Accredited	4 yr. Eng. Examinees	177	79	98	69.25	44
Non-ABET Accredited	4 yr. Eng. Tech. Examinees	33	11	22	66.54	33
Non-Graduates		307	111	196	67.84	36
Total (California)		2,008	1,241	747	72.12	61
Total (U.S.)		13,385	8,668	4,717	72.36	64

*Effective January 1, 1980, the "Engineers Council for Professional Development (ECPD) was renamed the "Accreditation Board for Engineering and Technology" (ABET).

In its continuing effort to improve its examination process, the NCEE appointed a twelve member Ad Hoc Committee to establish a rationally based and legally defensible minimum passing standard. Members of this special committee were selected to provide as representative a group as possible in terms of their experience in engineering, age, sex, ethnic background, areas of specialization, and the types of engineering practice in which they are engaged: consulting, industry, construction, and engineering education.

In order to determine the number of questions to be answered correctly on the November 1980 examination, the committee reviewed the purpose of the examination, defined the minimum acceptable performance, and evaluated the difficulty of the new examination with reference to the minimally qualified examinee. Members of the special committee judged each test question in terms of likelihood that a minimally competent examinee would answer it correctly. This information resulted in a cut-off score based on the degree of mastery of examination content which a minimally qualified examinee should possess. The minimum passing score was set at a converted score of 70 for the total examination, with the remaining raw scores linearly converted to a scale ranging from 0 to 100.

In future administrations, the statistical procedure known as equating will be used to maintain the same minimum passing standard. Results of the equating study will be reviewed by NCEE for approval prior to application of the minimum standard to each new form of the examination.