

Outlook Is Bright For Engineers

A series of nine reports, taken from the United States Department of Labor's "Occupational Outlook Handbook," will be published monthly in the Collegian. The following report is on Civil Engineering.

Outlook—

There are good prospects for those already trained. Persons who start training now or in the near future may be confronted with keen competition for jobs. It is necessary to get the best possible, all-around training to meet this competition for jobs.

Growth in this branch of engineering has not been so rapid in general as in the other major engineering fields in recent decades, partly because the construction industry has not grown as rapidly as some of the newer industrial fields. Like the construction industry as a whole, this occupation has wide swings in employment opportunities between periods of prosperity and depressions.

The demand for Civil engineers will be very high in the next several years, owing to the large backlog of civilian construction piled up during the war and the previous decade, when building activity was low. After this demand has been satisfied somewhat, the level of construction activity may snap. It will, however, remain substantially above pre-war levels providing that general business conditions remain high.

Expansion of employment and replacement needs owing to death and retirement average about 2,000 a year. Thus, although the demand for civil engineers will be unusually high for the next several years, keener competition may again be experienced in the profession in the next decade, unless there is careful counseling and selection of persons who start training now.

Training and Qualifications—

A bachelor's degree in civil engineering is usually the minimum requirement for new entrants. A better-than-average aptitude for mathematics, physics, and mechanics is indispensable for students.

Registration is required in practically all States for the legal right to practice "professional engineering" if public welfare or safeguarding of health and property are concerned. Many civil engineers, however, are engaged in work which does not require registration. Requirements for registration as a professional engineer as a general rule are: graduation from an approved engineering



First Row, Left to Right — Jane Margwarth, Betty Harlor, Julia Allen, Kathleen Midash.
Second Row, Left to Right — Clyde Bell, Lewis Giuliani, Bernard Rachilla.

Interim Council

college, plus four years of experience and passing a State board examination.

Where Employed—

About half of all civil engineers are employed in local, State or Federal Government agencies. The private construction industry is also a great source of employment. In general, the occupation may require a good deal of moving from one place to another, although there are many jobs in civil engineering such as city engineering positions in which there is virtually no travelling done at all.

Earnings—

In 1946, beginners had a medium monthly salary of around \$240; those with 5 years' experience made about \$60 more. After 10 years in the profession, the medium monthly salary was around \$350; with 20 years' experience, about \$390. Salaries have probably increased somewhat since 1946. Salaries of \$10,000 per year and over are not uncommon in this field, especially in positions involving management in addition to technical functions.

Individual earnings may vary with length of experience, education, type of work, and personal competence. Engineers with advanced degrees usually earn more than those at the same age and experience levels with less academic training.

A pat on the back should go to the Interim Student Council who has conducted all the business normally attributed to the regular student council since Freshman Week. The Interim Student Council acted as advisers during Freshman Week; planned the Freshman Week Variety Show; authorized the payment of bills including the television set, the flagpole, and Freshman Week activities; and organized and conducted the student council elections. The work accomplished by the Interim Student Council enabled the Student Council to begin their regular year with a clean slate of business.

She — "I'm afraid I can't afford that operation now."

He — "No. It looks like you'll have to talk about your old one for another year."

Student Council

(Continued from page 1)

Council put his suggestion a motion and passed it.

Mr. Rachilla also submitted the bill from Smilax Floral Shop for the five dollar bouquet of flowers sent to student, Douglas Webster, who was hospitalized. It was accepted and approved.

Flagpole Issue

(Continued from page 1)

Council post notices of all controversial issues proposed on Council's agenda. It was also suggested that the monthly balance of S.G.A. funds be posted on the bulletin boards and in the Collegian.

The students approved also a suggestion that the new Student Council appoint next year's Interim Council before the end of the school year.

He — "If you'll give me your telephone number I'll call you up sometime."

She — "It's in the book."

He — "Fine! What's your name?"

She — "That's in the book, too."

Snack Bar

Ham Sandwiches85
Coffee35
Cokes50
Milk Shakes70



Well Then — Clear Off
Your Tables

Wanted:

TENORS
and
SOPRANOS

for

The Glee Club

See MR. BEACH

HAYRIDE Tonight

THREE Hay-filled TRUCKS

- 1 leaving Highacres
- 2 leaving Cerulla's Parking Lot in Hazleton

7:00 P.M.

Slow Ride Through Valley to

MOYER'S GROVE

- SQUARE DANCING
- MODERN DANCING
- GAMES
- APPLE CIDER
- DOUGHNUTS