

# ENGINEER/S NEWS

THE FORT WAYNE ENGINEER'S CLUB

VOLUME XXVI

NUMBER 6

EDITOR: W. B. HUGHES

## FAITH OF THE ENGINEER

*I AM AN ENGINEER. In my profession I take deep pride, but without vainglory; to it I owe solemn obligations that I am eager to fulfill.*

*As an Engineer, I will participate in none but honest enterprise. To him that has engaged my services, as employer or client, I will give the utmost of performance and fidelity.*

*When needed, my skill and knowledge shall be given without reservation for the public good. From special capacity springs the obligation to use it well in the service of humanity; and I accept the challenge that this implies.*

*Jealous of the high repute of my calling, I will strive to protect the interests and the good name of any engineer that I know to be deserving; but I will not shrink, should duty dictate, from disclosing the truth regarding anyone that, by unscrupulous act, has shown himself unworthy of the profession.*

*Since the Age of Stone, human progress has been conditioned by the genius of my professional forbears. By them have been rendered usable to mankind Nature's vast resources of material and energy. By them have been vitalized and turned to practical account the principles of science and the revelations of technology. Except for this heritage of accumulated experience, my efforts would be feeble. I dedicate myself to the dissemination of engineering knowledge, and especially to the instruction of younger members of my profession in all its arts and traditions.*

*To my fellows I pledge, in the same full measure I ask of them, integrity and fair dealing, tolerance and respect, and devotion to the standards and the dignity of our profession; with the consciousness, always, that our special expertness carries with it the obligation to serve humanity with complete sincerity.*

*Published by Engineers' Council for Professional Development*

## The Ugly American (Cities)

At the recent meeting of the Community Betterment Council Mr. Orus O. Eash, a local architect spoke on "The Ugliness of American Cities". Mr. Eash predicted that, by 1980, 25,000 families will have been added to Fort Wayne and proper architectural planning is a must to prevent city ugliness.

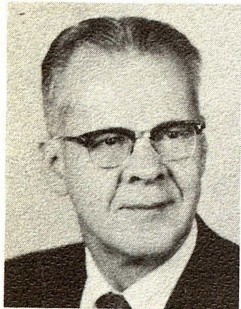
Mr. Eash emphasized that both science and esthetics go together to make up architecture. Esthetics as a philosophy of beauty and good taste govern the choice of materials and their use in combination while science relates to proportioning and spacing. The science is considered as a quantitative quality while the esthetics

is considered as a qualitative quantity.

An example of good grouping of buildings with proper attention to design, spacing and environment is the new Concordia College.

Mr. Eash illustrated his talk with slides of good architecture from all over the world. Shown were views of libraries, civic buildings, schools, museums, apartment buildings, homes, parks, gas stations and stores. The slides emphasized what can be done at low cost if the architect is permitted a hand in applying the principles of esthetics to the structure.

**FWEC MEMBER ELEVATED TO FELLOW GRADE**



P. A. Vance, application engineer for the G E Specialty Transformer Department was elevated to the IEEE grade of Fellow "for contributions to the design and application of saturable reactors, nonlinear magnetic devices and transformers".

Mr. Vance is a charter member of the Fort Wayne Engineers Club.

**NEW MEMBERS**

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Welcome to the Fort Wayne Engineers' Club!

**FWEC MEETS WITH MAYOR**

A conference between Mayor Zeis of Fort Wayne, Dr. Dixon, President, and Dr. Horiak, Civic Affairs Chairman of the Fort Wayne Engineers Club, took place on Friday, January 24th. How the Fort Wayne Engineers Club members could cooperate with the administration and participate more actively in civic affairs was the subject under discussion.

**IIT OPEN HOUSE**

Indiana Institute of Technology will hold an Engineering Open House in connection with Engineers' Week, Saturday, February 22, 1964, from 10:00 a.m. to 3:00 p.m.

Demonstrations and displays in the various engineering and science laboratories will illustrate the type of instruction given in the different curricula.

**PE EXAM TO BE GIVEN**

The professional engineering examination will be given Purdue Center, April 3 and 4.

Engineers who wish to apply for this test should write S. C. Leibing, 1007 State Office Building, 100 North Senate Avenue, Indianapolis.

# BANQUET ON FEBRUARY 22



Mr. Francis L. Williams, Assistant to the Director of the George C. Marshall Space Flight Center in Huntsville, Alabama, will be the principal speaker at a banquet highlighting National Engineers' Week.

Mr. Williams will speak on "The U.S. Manned Lunar Program". The Marshall Center, which is directed by Dr. Wernher von Braun, is the largest of ten Centers making up the National Aeronautics and Space Administration. It is responsible for developing NASA's Launch vehicles. Some 7,000 employees and facilities valued at well over 100 million dollars make up the Marshall Space Flight Center.

Mr. Williams is a graduate of Auburn University and the Massachusetts Institute of Technology. He holds both Bachelor and Master of Science degrees in Aeronautical Engineering. He joined the research and development team in Huntsville in 1958 as a member of the Army Ballistic Missile Agency Staff. He transferred to the Marshall Space Flight Center when it was established July 1, 1960. Prior to becoming Assistant to the Director, he was Deputy Director of Future Projects Office. Mr. Williams is a senior member of the American Institute of Aeronautics and Astronautics.

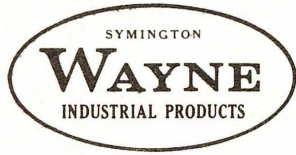
At the banquet both the Citizen Engineer of the year awards and a scholarship award will be presented to deserving individuals. Industrial displays by local manufacturers may be seen immediately prior to the banquet.

- Place . . . . . Cutters Chalet
- Date . . . . . February 22
- Social Hour . . . . . 6:30
- Dinner . . . . . 7:00
- Cost . . . . . \$3.50 person
- Bring the ladies!

**FORT WAYNE  
ENGINEER/S  
NEWS FEB  
1964**

**ENGINEERS' WEEK COMMITTEE**

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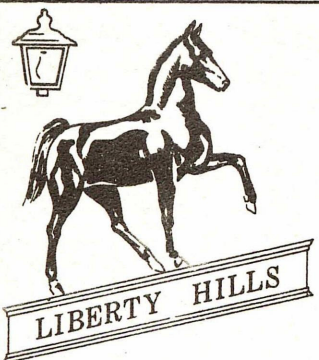
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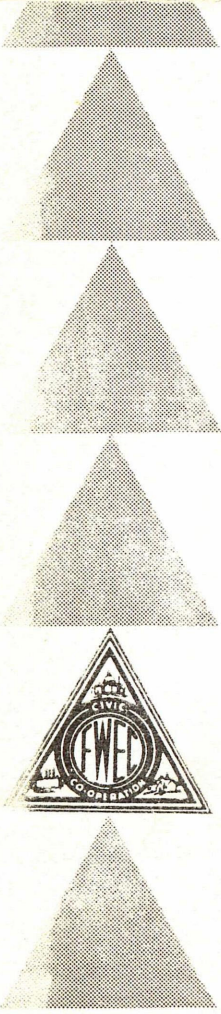
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