



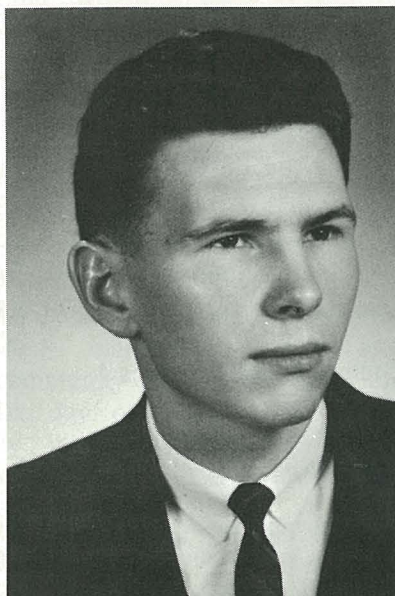
**FALL SEMINAR SEPTEMBER 25th & 26th
SET FOR
VERMONT**

The Fall Seminar will be held at the Sheraton Motor Inn, Burlington, Vermont. This is the first time Vermont has hosted the NEHES. Mr. Conrad R. Desautels has left no stones unturned to make sure all is in order September 25 and 26. The program Friday morning will be a joint presentation of Automated Data Centers by Honeywell and Johnson Service Co.

The afternoon portion of the program will feature topics every engineer should become familiar with: "Computer Applications in Maintenance Control Systems" by Mr. Robert J. Coughlin of I.B.M. Mr. Coughlin will be informing the members about the collection and use of pertinent data to place its equipment on a computerized preventative maintenance schedule. In addition, Dr. Robert Deane of the College of Medicine, U.V.M., will expound on the topic of "Compressed Air".

FOR THE LADIES

Thursday evening, September 25th, Mrs. Robert H. Kellogg Jr. of Norwich, Conn. will give a lecture and demonstration on, "Adapting Japanese Flower arranging to the American Home".



**KNOW VERNE CLOW
OUR SOCIETY TREASURER**

Verne Clow comes from Cornish, New Hampshire and was born September 11, 1943.

Verne was hired in 1962 as a draftsman, at which time he was attending Wentworth Institute in Boston. He attended the University of Wisconsin and then transferred to Utica College which is a division of Syracuse University. He graduated with a degree

(Continued on page 3)

(Continued on page 3)

(1.)

WELCOME ABOARD

VIRGIL L. DAVIS

Administrative Engineer
Meriden-Wallingford Hospital
181 Cook Avenue
Meriden, Connecticut

ROBERT NORMAN FOELL

Chief Engineer
World War II Vet's Mem. Hosp.
Meriden, Connecticut

CLAYTON J. WALTERS

Assistant Engineer
Waterbury Hospital
Waterbury, Connecticut

JAMES L. LYNCH

Assistant Plant Engineer
Peter Bent Brigham Hospital
Boston, Mass. 02115

CLARENCE NOTTAGE

Chief of Maintenance
Sancta Maria Hospital
Cambridge, Mass.

(Continued on page 3)

**RHODE ISLAND SOLVES THE
HOSPITAL—ENGINEER
SHORTAGE**

About two years ago, the original idea of the associate degree program was originated with Edward Jason of the Rhode Island Hospital. The idea was brought before the Hospital Association of Rhode Island, Engineers' Section. An educational committee was formed composed of William Pitt, Tom Manchester, John Cowles, James Hanlon and Ed Jason. The idea was submitted to the University of Rhode Island, Bryant College of Business Administration and Roger Williams College. The committee selected Roger Williams College as the best alternative for the program which was started last February. The original intent was to call this Associate Degree Program "The Hospital Administrative Engineer", but with the excellent guidance and cooperation of Frank Zannini, Dean of Professional Studies, Roger Williams College and Shepard Cohen, Associate Director, Hospital Association of Rhode Island this was expanded to "Health Service Administration" with the idea of attracting other people from within the hospital field who could benefit by this program.

The original program was preparatory mathematics, a non credit course with the idea that this would get the hospital engineers back in the studying habit, give the College a chance to evaluate the students and also brush up on Math. There were twenty students enrolled in this course. The course will run for four years, three nights a week, or any combination of nights or evenings the students care to take.

Some of the subjects they will be taking are English Composition, Accounting, Psychology, Mathematics up to Calculus, Business Law, Chemistry and three specially designed courses on Health Service History, dealing with the different aspects of the health service field to be instituted in conjunction with the Hospital Association of Rhode Island and Roger Williams College.

**ASSOCIATE DEGREE
PROGRAM**

FIRST YEAR

SEMESTER I	CR/HR
Technical Mathematics I (Algebra)	3
English Composition	3
Accounting I	3

SEMESTER II

Technical Mathematics II (Trig)	3
Physics ET I	3
Accounting II	3

SECOND YEAR

SEMESTER I

Applied Mechanics I (Statics)	3
Business Law I	3
Personnel Administration	3

SEMESTER II

Strength of Materials	3
Business Law II	3
Economics	3

THIRD YEAR

SEMESTER I

English III (Public Speaking)	3
Health Service I	3
Engineering Elective	3

SEMESTER II

Sociology or Psychology	3
Health Services II	3
Engineering Elective	3

FOURTH YEAR

SEMESTER I

Hydraulics & Pneumatics	3
Health Services III	3

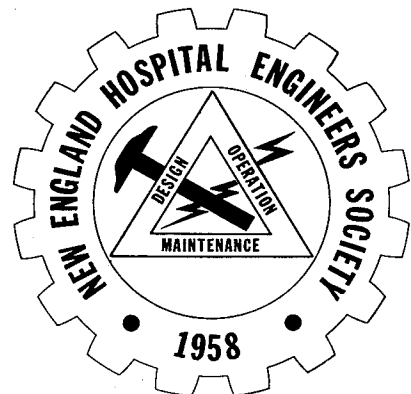
SEMESTER II

Intro. to Data Processing	3
Health Services III	3

Total degree requirements
66 hours

**POSSIBLE ENGINEERING
ELECTIVES:**

Architectural Drawing, Structural Drafting, Surveying, AC-DC Circuits, Construction, Methods and Materials.



CLOW**(Continued from page 1)**

in Contract Construction in June 1966 and started to work at Mary Hitchcock Hospital, Hanover N.H. as a Project Supervisor. In June 1967 he became Plant Engineer.

In February of 1968, he married Frances Laferriere, R.N. who was specializing in intensive care and cardiac nursing at Mary Hitchcock Hospital. In January they were blessed w/a son, Aaron Daniel. In May of 1968, Verne became Construction Engineer at Danbury Hospital, Danbury, Connecticut.

Verne has also been the NEHES Newsletter Editor for 2 years.

Mr. Clow writes a great deal and is interested in attaining the highest standards both with himself and the people he is privileged to work with. He was a member of the Vermont National Guard and is now a member of the Connecticut National Guard with the rank of Second Lieutenant.

Verne conducted training courses for his own personnel through the International Correspondence School and he also has taken his own personal time after hours to teach, instruct and work with people within his institution for the betterment of the department and the individual's ability to grow within the job.

There are very few men in this business who take this much interest in subordinates within their departments.

Being a country boy, his hobbies consist of hunting, fishing and love for outdoors.

SEMINAR**(Continued from page 1)**

Mrs. Kellogg studied in Japan in three of the Flower Arranging Schools, Ikenobo, Ohara and Ichiyo as well as studying flower arranging in this country.

Friday, the ladies, as guests of the Society, will take a chartered coach to Stowe, Vermont. It is here that the Von Trapp family has made their home after leaving Europe. Those who have seen "The Sound of Music" must appreciate this family's background. After the noon meal (dutch treat), a trip may be taken to the top of Mount Mansfield, where a view of half the state may be seen.

CHARTER MEMBERS

At the request of the N.E.H.E.S. Secretary, I am attempting to compile an accurate listing of all charter members.

All charter members received their membership certificates completely framed and dated the 1st day of March 1958, signed by William Harney, Secretary, and George Vera, President.

If you are a charter member, or know of someone who was a charter member but no longer is active, please fill out the enclosed self-addressed card and mail as indicated.

Your assistance will be most appreciated.

Warren E. Marble

PAY YOUR DUES**(39 Unpaid Members)**

Make out check (\$5.00) to Treas. NEHES.

Mail to,

A. Bender, Secretary
The Gaylord Hospital
Box 400

Wallingford, Conn. 06492

WELCOME ABOARD**(Continued from page 1)****RICHARD LAWRENCE SILVA**

Chief Engineer
Framingham Union Hospital
Framingham, Mass.

ROBERT JOSEPH MARTINI

Chief Plant Engineer
Roger Williams General Hospital
Providence, Rhode Island 02908

RICHARD G. ALLEY

Chief Engineer
Mount Desert Island Hospital
Wayman Lane
Bar Harbor, Maine

RAYMOND C. BACON

Assistant Plant Engineer
Springfield Hospital Medical Ctr.
759 Chestnut St.
Springfield, Mass.

WALTER H. JOHNSON

Director of Maintenance
Carney Hospital
2100 Dorchester Avenue
Boston, Mass. 02124

RALPH E. BEERS

Supt. Buildings & Grounds
Fairview Hospital
29 Lewis Avenue
Great Barrington, Mass. 01230

THE ENGINEERS' BOOKSHELF

Doolin's Trouble Shooters Bible, Refrigeration, Heating and Air Conditioning. Published by DOOLCO, INC. 416 So. Pearl Expressway, Dallas 1, Texas (About \$12.50)

An excellent publication, divided. The first part is basic theory and the second part specific info regarding tech data by manufacturer.

CONTRACT DOCUMENTS REVIEW THEM

Basic construction practices deal with three factions: Architect - Engineer, Contractor, and Owner. As part of one of the factions, it is your responsibility to assure that economy of material is effectively placed to accomplish the desired - recorded results.

From the onset, the Hospital Engineer must realize that he is involved with the construction phase though, at times, he may wish to ignore the fact. Such involvement usually begins at the planning stages and by the time final Contract Documents are presented, the Engineer may be too familiar with them to catch omissions & errors.

Upon reviewing the Contract Documents a favorable approach may be to provide oneself with a checklist.

Have enough core borings been taken to yield an effective cross section of the area to be excavated? Are the various types of excavation defined?

Is site drainage adequate during and subsequent to construction?

What safeguards have been provided to keep existing services operating during construction? What services are to be affected? What authority has the Architect given the Owner to protect his activities?

Are items to be supplied well defined in the Spec? Is there only one approved manufacturer and if so what will it cost?

Has the Architect or Engineer been biased in his list of approved manufacturers?

Has an existing blueprint been used to indicate new work in the old building? Has the Architect or Engineer physically inspected these areas? Have you?

Has the Architect indicated that material taken out of the existing building is the property of the Owner if he desires it?

Are any new rooms really too cramped for space to work effectively?

Are As-built drawings required and if not, what provisions will you make to obtain them?

Few Hospital Engineers are knowledgeable enough to replace the Architect or Engineer in every phase of construction but they are aware of the hospitals' activities and how the new building will relate to the old. With this knowledge and an adequate check list of probable omissions and errors, the job of each of the factions may become more harmonious.

We're still reserving a space for you Hospital Engineers who have nothing to contribute to the Newsletter.

NEWSLETTER

Published By

NEW ENGLAND HOSPITAL
ENGINEERS' SOCIETY

BUSINESS SERVICES, INC.

Commerce Park

Eagle Road

Danbury, Conn.

POSITION OPENINGS

There are a number of position openings in the New England area. Those interested in obtaining a position in Hospital Engineering should contact.

WILLIAM T. DOHERTY, President
Plant Superintendent
Saint Francis Hospital
Hartford, Connecticut 06105

CONTRIBUTIONS TO THE NEWSLETTER

Support your organization by submitting your thoughts and ideas in the form of editorials and pictures to the newsletter. This is our best notification to other organizations of the efforts being made by New England Hospital Engineers. The invitation is open; any submittal is appreciated.

WILLIAM L. FAGAN, Editor
Plant Engineer
The Springfield Hospital
Springfield, Massachusetts 01107