The North Jersey Section is offering an evening course entitled "Internet Users." The Internet is becoming increasingly popular to people and businesses alike. The role of personal computers in our society is changing from a means to increase personal productivity to a means of conveying and assimilating information. This information is being made available by the growth of the internet. This course will cover some of the underlying principles that allow the internet to operate, as well as the practical knowledge of how to use the required software to get connected and begin using the information resources the internet has to offer.

Students interested in taking this course should be computer literate, have access to an IBM compatible personal computer with at least a 9600 baud modem and be willing to subscribe to an internet access provider (most of the course material will be applicable to Macintosh users, however, the software requirements will differ). The course includes a suite of internet software products (SPRY's Internet in a Box) including a special edition textbook. The Whole Internet Users Guide by Ed Krol. The instructor will be Steven Morisse, an author and instructor of courses on internet usage.

There will be five weekly lectures and homework projects will be assigned and discussed in class. The topics listed below will be covered.

1) The background and history of the internet. Who is responsible for administration of the internet?
2) Who pays to maintain and improve the internet? What is the future of the internet?
3) How does the internet work? Including TCP/IP networking theory, the Domain Name System (DNS), Client/Server model and an introduction to common internet application software.
4) How do you get connected to the internet? Including the types of internet accounts available and a decision on on-line services. How to choose an internet access provider.
5) How to select, configure and use the software required including FTP, TELNET, EMAIL, USENET NEWS, Gopher and World Wide Web browsers.
6) Using the World Wide Web and how to find information. Introduction to Hypertext Markup Language (HTML) and how to create your own Web Documents.

Class size will be limited to a maximum of 25 with a minimum of 15. Early registration is recommended. Phone reservations will NOT be accepted. Reservations accepted after February 9, 1996 will require an additional late fee of $25. No reservations will be accepted after February 16, 1996.

WHERE: Jersey Central Power & Light Co., 300 Madison Avenue, Morristown, N.J.
WHEN: Five sessions, Tuesday evenings starting February 20, 1996, 6:30 PM to 9:00 PM
COST: With text book only: IEEE Members $200; Non-IEEE Members $300
CONTACT: Mr. John Baka at (201) 455-8348 (business)

REGISTRATION 'INTERNET USERS'

To: Mr. John Baka, Distribution Engineering, JCP&L Co., 300 Madison Avenue, Morristown, NJ 07962-1911

Name ___________________________ IEEE No. _________________________
Affiliation No. __________________ Phone Number ___________________
Address __________________________

Please enclose required fee payable to North Jersey Section IEEE

Signature ________________________

The IEEE Newsletter

PUBLICATION OF THE NORTH JERSEY SECTION OF THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

North Jersey Section PACE:
AEA VP To Discuss Free Overtime

The January 11, 1996 IEEE North Jersey Section PACE meeting will cover the subject of Free Overtime for engineers. The guest speaker will be Richard F. Tax, vice president of the American Engineering Association and past editor of the North Jersey Section PACE NEWS column.

About The Talk
Richard will provide information about the AEA and discuss the abuses of free overtime and how the engineer should deal with the situation. This meeting is important for engineers who are concerned about their engineering career and provides them with the opportunity to combine their efforts.

About The Speaker
Richard Tax is a graduate of Fairleigh Dickinson University with a BSEE degree and is a Senior Member of the IEEE. He has more than 25 years of experience in the engineering field. Richard is the recipient of six IEEE awards for leadership including the IEEE Centennial Medal and the IEEE-USA Citation of Honor. He has been active in the IEEE since 1974. Richard was Chairman of the North Jersey Section from 1985 through 1986 and was our past PACE chairman. He served as a member of the IEEE—USA's Manpower Committee and wrote IEEE's Entity Position Statement "Enhancing U.S. Productivity Through Improved Utilization of Engineers." In 1987 he chaired the 20,000 member, Metropolitan Sections Activities Council (METASC) that consists of the Long Island, New York, North Jersey, Princeton and, just recently included, Jersey Coast IEEE Sections.

All IEEE members and guests are invited to attend.

Time: 7:30 PM, Thursday, January 11, 1996
Place: JCP&L, Test Room, 300 Madison Ave., Morristown, N.J.

Further Information: Robert Sinunas (201) 228-3841

JANUARY, 1996
JANUARY 1996
Volume 42 Number 7
Publication No: USPS 580-500
“The IEEE Newsletter” (North Jersey Section), is published monthly except July by The Institute of Electrical and Electronics En-
gineers, Inc. Headquarters: 345 East 47th Street, New York, N.Y. 10017-2394. $1.00 per member per year (included in annual dues) for each member of the North Jersey Section. Second-class postage paid at New York, N.Y. and at additional mailing offices. Postmaster send address changes to: “The IEEE News-
letter.” 445 Hope Lane, P.O. Box 1391, Piscataway, N.J. 08855-1391. USPS 580-500.

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Deadline for receipt of material is the 1st of the month preceding the month of publication. All communications concerning editorial and business matters, including advertising, should be addressed to: The IEEE Newsletter, c/o Girod Associates, Inc., 6 Robert Terrace, P.O. Box 495, Mt. Arlington, N.J. 07856 (201) 398-5543.

IEEE North Jersey Bulletin Board System: TTY 9600 baud, 6 bits, no parity, 1 stop bit. BBS phone number 201-669-8268, or call 908 792-5552.
(Courtesy of United Societies of Engineering & Science of N.J., Inc.)

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It is not necessary to inform the North Jersey Section when you change your mailing address. “The IEEE Newsletter” and other section mailings use a list provided by IEEE to its national headquarters in New York. This means the section has no need to maintain a mailing list or address plates. Section membership records are changed when Headquarters notifies us.

SECTION OFFICERS
Chairman: Vitaly Rekinegrade
Vice-Chairman 1: Arthur Greenberg (201) 692-1250
Vice-Chairman 2: Melvin Lewis (914) 986-5205, ext. 304
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Secretary: Sergo Bogusenko (201) 785-3675

Members-at-Large:
Tel (B)rene COMPUSERVE 70XX.25
Dr. Hen Gebel
Any Bloomer

The North Jersey Section Executive Committee usually meets the first Wed-
nessday (except holidays and December) of each month at 7 PM. These meetings are open to all members. Information on meeting agenda is available from Sergo Bogusenko (201) 785-3673 (H).

AT THE SCHOOLS
NJIT Offers 10-Session Certificate Course On MEMS
NJIT is organizing a Certificate Course on MicroElectroMechanical Systems (MEMS) applications for senior electrical and mechanical engineers in industry.

NJIT’s 10-session MEMS seminar will focus on opportunities to insert MEMS technologies in the next generation of products. This course will cover device design and fabrication, the impact of MEMS on technology and business, and the application of MEMS to electronics products. The course is scheduled to begin on January 30, 1996, from 4 - 6:30 PM, and enrollment is strictly limited.
Participants will receive a Certificate from NJIT upon successful completion of the course. Tuition, which includes all technical materials and clean-up labora-
tory fees, is $280. Continuing education credit is available.
Engineers wishing to participate should send or fax a letter of intent, including job title and educational back-
ground, to Prof. Richard Hatch at NJIT, 3200 Pitttech, Newark, NJ 07102; fax: (201) 596-6438.
For further information about this course, please contact Prof. Robert Marcus at (201) 596-6434 or Prof. Richat hatch at (201) 596-6088.

North Jersey Section Activities
January 1996

Jan. 3—“North Jersey Section Executive Committee Meeting”—7:00 PM, Plant 11, GEC-Marconi, 164 Totowa Road, Totowa, N.J. Sergei Bogusenko (201) 785-3673 (H).

Jan. 11—“AIA VP Discusses Free Overtime”—NJ Section PACE, 7:30 PM, JCP&L Co. 300 Madison Ave. & Punch Bowl Rd., Morristown, N.J. Robert Sinussa (201) 228-3941.

Jan. 18—“IEEE Plan For Internet Access”—IEEE NJ Computer Chapter, 7:30 PM, JCP&L Test Room, 300 Madison Ave., Morristown, N.J. Howard Leach (201) 564-1283 (H), or (201) 393-5000, ext. 3756 (W).

Jan. 30—“MEMS Technology: Microsensors & Microactuators”—NJIT, 10-Session Certificate Course. Information Technology Center, Newark, N.J. Prof. Robert Marcus (201) 596-6464.

Upcoming Meetings
Feb. 7—“North Jersey Section Executive Committee Meeting”—7:00 PM, Plant 11, GEC-Marconi, 164 Totowa Road Totowa, N.J. Sergei Bogusenko (201) 785-3673 (H).

Feb. 8—“Wheels For The Brain”—NJ Section PACE, 7:30 PM, JCP&L Co. 300 Madison Ave. & Punch Bowl Rd., Morristown, N.J. Dr. Michael Liechenstein (201) 471-0721.

Feb. 20—“Role Of The Engineer As A Leader In This Century And Beyond”—Metropolitan Engineering Societies Council, United Engi-
neering Center, 345 45th Street, NYC. See article for details.


Members and Non-Members Welcome

Please send your check made payable to “Metropolitan Engineering Societies Council” of the “IEEE Newsletter” January 1996.