

# Mini News

## News For The Employees of Data General

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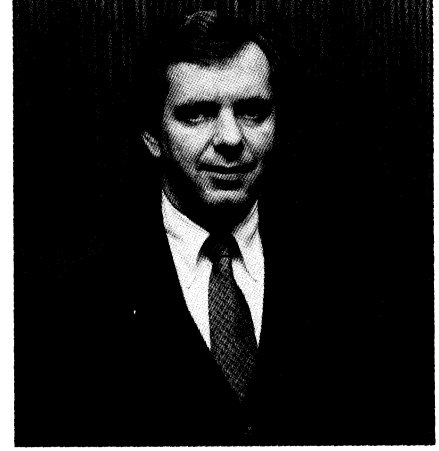
September 30, 1983



*George McClelland*



*Tom West*



*Don McDougall*

### Three Named Vice Presidents

Three long-term Data General employees have been named vice presidents.

*George McClelland*, treasurer since 1980, is now vice president and treasurer, reporting to Ken Jaeggi, vice president and chief financial officer.

George joined Data General in 1972 as an international financial analyst. He later became controller, International Operations; manager, Treasury Operations; and director, Treasury Operations. George holds a BA in economics from Trinity College and received his MBA from Harvard University in 1970. Before coming to Data General, he was a contracting officer with the United States Air Force.

*Tom West* is vice president, Systems Development Division (SDD) responsible for central processor development, advanced systems and software development.

Tom had been director of Central Processor development, a position he continues to hold on an acting basis. Prior to that he was director of Engineering in Technical Products; engineering manager for the company's Japanese Business Development group; and manager of ECLIPSE Data Systems

development. He joined the company as a design engineer in 1972. Before that he was with RCA. He was graduated from Amherst College with a BA in physics.

*Don McDougall* is vice president, Technical Products Division (see story on Business Division changes).

Don has been with Data General since 1969 when he joined the company's Canadian sales operations. He has held a succession of marketing and management positions including director of Japanese Business Development; director of Marketing for Technical Products; and, most recently, director of the Technical Products Business Unit.

A native of Alberta, Canada, Don graduated from the University of Alberta with a BS in chemical engineering.

Tom and Don report to Bob Miller, senior vice president for the Business Group.

### Business Divisions Redefined

Three business divisions - Information Systems, Technical Products, and Desktop - have been defined within the Business Group in an effort to continue to focus on the fastest growing segments of the marketplace. Additionally, a new worldwide

dealer program function has been established in the Field divisions.

The new Desktop Division, which reports to Senior Vice President Bob Miller on an acting basis, is responsible for product marketing of Data General's current and future desktop products across all market channels.

The division includes four major functions: Software Publishing under Director Joe Seidler; Product Marketing, under Director Peter Mork; Industry Marketing under Director Jim Tuttle; and Dealer Support under Manager Anne Peter.

Technical Products (TPD) is reestablished as a division reporting to Vice President Don McDougall. TPD will continue its prime emphasis on industrial automation and traditional OEMs in areas such as industry, research and education.

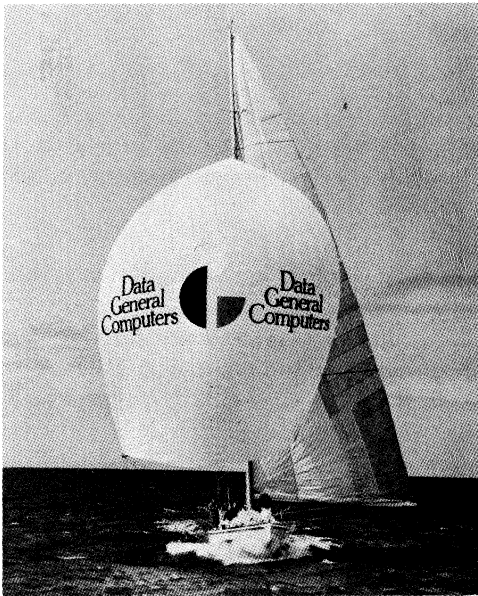
Reporting to Don are Janpieter Scheerder, manager of Product Marketing; Sherman Rutherford, director of Industrial Automation Marketing; Frank Gallo, director of Market Development; and Howard Steiner, manager of Marketing Communications.

The Information Systems Division (ISD) continues to report to Vice President Dave Lyons. ISD has responsibility for commercial systems with its primary emphasis on office automation. The Commercial Systems (CS) product line from the former Small Business Systems Business Unit will now be part of ISD.

ISD is comprised of five functions: Marketing Support under Jim Hertzelt; Marketing led by Frank Pinto; Software Development directed by Al Scura; Business Planning and Controls led by Stefan Casemyr on an acting basis; and the Systems Supplier Program led by Dick Farwell. (See related story on ISD Directors.)

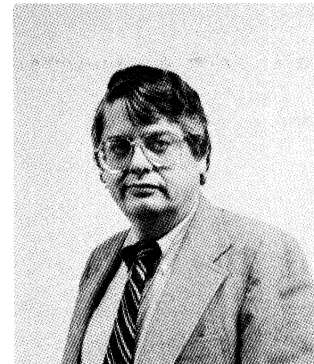
John Crawford, vice president and general manager of the former General Systems Division, becomes vice president of Worldwide Dealer Programs, reporting to Executive Vice President Herb Richman. John is responsible for management of desktop dealer programs worldwide. Reporting to him is Richard Brown, director of North American Dealer Sales.

### ***Celebration Down Under***



*The longest winning streak in sports came to an end this week when the Australia II defeated Liberty to become the first international challenger in 132 years to win the America's Cup. Throughout the competition, the Australian yacht, with its controversial keel, took advantage of a pair of computers donated by Data General-Australia to record information on the winds and ocean currents off the coast of Newport, R.I. The yacht's crew members regularly analyzed the data acquired by the NOVA and microNOVA computers to prepare for upcoming cup races. To help the crew operate and maintain the systems, the services of Data General Field Engineer Glenn Read of Melbourne were donated to the Bond Syndicate, sponsors of the Australia II. Glenn is a world-class soling racer.*

## **Directors Named In Information System Division**



*Al Scura*

*Al Scura* has been named director of Software Development. Al, a 10-year employee, will be responsible for CEO, all office automation products, data management and technical planning. Most recently, Al has been Area Systems Engineering manager at Manhattan Beach. Previously, he was a development manager for Control Data Corporation and began his career as a programmer with Bendix Corporation. Al has bachelor's and master's degrees in electrical engineering from the University of California at Los Angeles.

*Jim Hertzelt* becomes director of Marketing Support responsible for supporting the field and the customer in areas including product announcements, market development, major account and opportunity team programs, and marketing communications. Jim was most recently Regional Sales manager in Denver and previously served as both a branch manager and sales representative out of Rochester, NY. He is a 10-time Million Dollar Club member.



Frank Pinto

Frank Pinto is director of Marketing with responsibility for product requirements and planning for the division including CEO and the Independent Software Vendor (ISV) program. Frank has most recently been director of ISD Marketing Support and was formerly a regional sales manager. He holds a bachelor's degree in economics from Iona College.

## No Holiday Shutdown

There will be no U.S. Manufacturing shutdown this December due to increased customer demands in both established and new product lines.

Data General Manufacturing facilities are scheduled to be closed only on the following Data General-paid holidays.

November 24	Thanksgiving
November 25	Day After Thanksgiving
December 23	Christmas Eve Observed
December 26	Christmas Day Observed
January 2	New Year's Day Observed

## Fourth Generation Language Added To ISV Program

Data General and Quasar Systems of Ottawa, Canada, have signed a software development agreement under which Quasar will convert its POWERHOUSE™ application development software for use on ECLIPSE® MV/Family systems. The POWERHOUSE products will be available next year from Quasar Systems under the Data General Independent Software Vendor (ISV) program.

POWERHOUSE is a fourth-generation application development software system used to build business applications. The software consists of a report writer (QUIZ), a systems screen generator (QUICK), a volume processor (QTP), and a data dictionary (Dictionary Plus). These products use high-level, English-like statements particularly adapted for business. There are currently 1,800 POWERHOUSE installations worldwide.

Quasar Systems is Canada's largest exporter of software products. Its fiscal 1982 revenues were \$19 million (Canadian dollars).

POWERHOUSE is a trademark of Quasar Systems, Inc.

## Electrostatic Discharge

### First Seminar In Series

Electrostatic Discharge (ESD) was the topic of the first seminar in Field Engineering's "Technical Meeting Series."

More than 50 people from Data General facilities around the world attended the recent seminar at Data General-Woodstock to hear guest speakers Owen McAteer of Westinghouse Electric Corporation; Don White of Don White Consultants, Inc.; Peter Richman of KeyTek Instrument Corporation; and Stephen Gullotti of 3M's Static Control System Division.

Topics covered included: designing boards and systems with enhanced ESD immunity; testing systems for ESD susceptibility; diagnosing ESD failures; controlling ESD in Manufacturing, Field and repair operations; and handling and protecting ESD-sensitive material.

"The topics being discussed in the 'Technical Meeting Series' are common to many disciplines within Data General. It is beneficial to bring people together to discuss them. The series is designed to provide continuing education to employees to help keep Data General products and services at the forefront of technology," says Frank Silkman, senior vice president, Field Engineering.

**NEXT SEMINAR: MAINTAINABILITY AND RELIABILITY.** This seminar is scheduled to be held at Woodstock in December. Details will be announced. For more information, contact Tom Casey, Westboro extension 3956.



### ESD Causes "Static Havoc"

Have you ever walked across a carpeted floor and reached out for the door knob, only to get "zapped" by an electrical shock?

The shock, resulting from static electricity, is technically known as an electrostatic discharge (ESD). It surprises most people to learn that the discharge could be tens of thousands of volts. While a jolt like that may not affect the door knob, imagine the effect if it connected with an integrated circuit.

Every component, sub-assembly and complete assembly within a computer system can be damaged by ESD. The damage is often too microscopic to be seen and may not cause an immediate failure, but the component is weakened. It is more susceptible to failure over time, and the reliability of the computer system is affected.

An electrical charge builds up when a positively-charged material comes into contact with and then separates from a negatively-charged material. Typical positive materials are: air, human hands, glass, human hair, nylon, wool, lead, silk, aluminum, paper, cotton, steel and wood. Typical negative materials are: hard rubber, nickel, copper, brass, silver, gold, platinum, acetate, rayon, polyester, celluloid, orlon, polyurethane, polyethylene, polypropylene, PVC (vinyl), silicon and teflon.

As your shoes touch the carpet, the electrical charge builds up and is stored on you until it can discharge into something. You do not have to actually touch the doorknob to generate the spark because there is a static field around you. As your hand nears the metal door knob, the charge leaps like a miniature lightning bolt across your fingers to it.

You felt that charge because, depending upon the humidity, it could be as much as 25,000 volts. People usually do not feel anything less than 4000 volts. Low-voltage components are particularly susceptible to damage. You may not feel 200 volts discharging from you, but it is more than enough to damage a low-voltage integrated circuit.

Because ESD usually cannot be seen or felt and is hard to detect, most people do not recognize it. It is also hard to believe it can cause damage because the potential for damage is not always present. You can handle a printed circuit board 200 times the same way without a problem. All it takes is one static discharge. And that takes less than a micro-second.

Objects all around us store charges. A carpet can hold 12,000 volts; vinyl tile, 4000 volts; and a workbench, 500 volts. People hold surprisingly high voltage electrical charges: a common work smock can store 60,000 volts. Raising your arm can increase your stored voltage by 100 volts - a static field large enough to damage a low-voltage component.

Repositioning yourself pumps up your voltage. Standing up can increase your stored voltage by 1000 to 1500 volts. Ground yourself and then lift one foot off the floor, and your potential voltage is raised by 1500 to 2000 volts. Walking over a vinyl floor can generate from 250 to 12,000 volts; working at a bench, from 100 to 6000 volts; picking up a common poly bag, 1200 to 20,000 volts; using vinyl envelopes for work instructions, 600 to 7000 volts; and sitting in a chair padded with polyurethane foam, 15,000 to 18,000 volts. Reach out and touch something and - "zap" - you discharge that voltage.

Beyond the mild "zap" you get with a static discharge, ESD will not hurt you. Your body radiates into the air most of the stored up charge beyond a certain voltage. Below that, you store the charge you do not receive it.

Typical sources of charges are: work surfaces (waxed, painted or varnished; vinyl or plastic); floors (sealed concrete; waxed, vinyl tile or sheeting); clothes (clean room smocks; synthetic personal garments; non-conductive shoes; cotton); chairs (finished wood; vinyl; fiberglass); packaging and handling (plastic bags, wraps and envelopes; bubble pack, foam; plastic trays, plastic totes, boxes, vials, parts bins); and assembly, cleaning, test and repair areas (spray cleaners; plastic solder suckers; solder irons with ungrounded tips; solvent brushes - synthetic bristles; cleaning or drying by fluid or evaporation; temperature chambers; heat guns and blowers; and electrostatic copiers.

To prevent damage to components, you have to bleed or drain off the charge through the use of grounded conductive floor mats and chairs, touch plates and wrist straps.

### ***What Data General Is Doing To "Zap" ESD***

Data General is making a serious effort to eliminate the potential for ESD to affect the company's products and is keeping employees, vendors and customers aware of the damage ESD can cause.

A company-wide committee, made up of members from Manufacturing, Field Engineering and design groups, has developed a policy to ensure that ESD-sensitive devices and related assemblies are identified and then protected from ESD-related damage from the time they are received at a Data General facility, through handling, to packaging and shipping. Also, vendors are being made aware of how to produce, pack and ship parts in a way that protects them from ESD.

These measures include proper grounding of static-sensitive devices work stations, use of static protective material and shipping bags; and proper identification of all ESD-sensitive material.

At each facility, ESD coordinators are helping to make employees aware of the damage ESD can cause. To monitor compliance with the internal policy, there are frequent self-audits at each facility, as well as local Quality Assurance audits once each quarter and twice-yearly company audit team visits to monitor compliance with the policy.

"Preventing ESD from damaging components has become part of the design, Manufacturing and Field Engineering process at Data General. This eliminates potential reliability problems and helps us make defect-free computers," says Charles Kerr, Corporate Packaging manager and ESD Committee co-chairman.

## '83 Grads Welcomed To Data General



More than 230 recent college graduates were welcomed to Data General by President Ed de Castro last week at the College Relations' Annual College Hire Orientation held at the Worcester Marriott. The graduates, working at facilities throughout New England, have been hired to fill Marketing, administrative, development, Manufacturing and Finance positions vital to the company's continued growth. During the orientation, they heard presentations from Senior Manufacturing Vice President Dave Chapman, Senior Vice President for the Business Group Bob Miller and Field Engineering Strategic Planning Manager George Potts. Following a get-together cocktail period, the graduates participated in a question and answer session with President Ed de Castro and Data General executives who told the graduates they look forward to the contributions they will make to the company. Chief Financial Officer Ken Jaeggi (right) discusses Data General operations with college grads Paul Tavalone (left) and Chris Wider during the orientation.

**Susan Tokay** has joined the Field Engineering ARM Product Performance Evaluation group as an engineer, reporting to Manager Rich Maksian.

Prior to joining the company, she was employed at Digital Equipment Corporation for three years, most recently helping to develop mass storage products.

Susan has a BA and an MBA from the University of Illinois.

**Maryann Kamyck** has joined Financial Systems as a system support coordinator, reporting to Operations and Technical Support Manager John Krawetz.

Maryann provides administrative and technical support for CEO and related products used by Corporate Finance.

Maryann is pursuing a bachelor's degree in management information systems from Northeastern University.

### **Cafeteria Open For Evening Meals**

The Westboro cafeteria is open Monday through Thursday evenings from 4:30 p.m. to 6:30 p.m. Hot and cold sandwiches are available during that time.

## **Southboro**

## **Westboro**

### **People**

**Erin Motameni** has joined Staffing as a specialist reporting to Fred Staudmyer, Staffing manager.

Erin is responsible for recruiting employees into Finance and Administration positions throughout Westboro.

She received her BA in psychology from Boston College and is currently pursuing an MBA at Boston University.

**Dan Foley** has joined Data General as a programmer in the Information Systems Division's Data Management department, reporting to Section Manager Ray West.

Dan will be working on high-level QUERY language products and decision support software.

He has a BS in computer science from Central Michigan University.

### **Visiting Facilitators Tour Southboro**

PRIDE Circle Facilitators Joe Crisefulli and Steve Phaneuf exchanged information on the PRIDE Circle program recently with two visiting facilitators from international locations.

Udo Banger of the European Support Group and Conrado Villanueva of the Manila Manufacturing plant were visiting Data General-Westboro for a Facilitator Conference. As part of their trip to the U.S. they felt a tour of Southboro Manufacturing would enhance their understanding of various manufacturing processes which comprise Southboro as well as help them to become more familiar with how the U.S. PRIDE Circle program functions.

Udo and Conrado were especially interested in Reproduction Distribution Services (RDS) located in Building 5. They had the opportunity to view the Pressroom and Bindery. Upon noticing the size of the operation, Udo says, "I enjoyed seeing the entire RDS operation, I use its services and by touring the

area I have a greater appreciation for the kind of support this department is providing the company."

Conrado was impressed with the numerous operations which make up Southboro plant. The Software Reproduction area which is part of RDS and Systems Integration Operation (SIO) in Building 4 were of particular interest to him. Conrado explains, "Before I toured the plant I didn't realize how large and diverse it is."

According to Steve the visit was an education for everyone. "After we toured the plant we shared ideas and issues regarding the PRIDE Circle program. The Facilitator Conference held in Westboro gave us a chance to get to know each other, but it was good to get together in a small group and share ideas regarding the program. Even though the facilities we work in are in different countries we all work for the same company and have common goals and experiences to share regarding worklife and the PRIDE Circle program."



*The Bindery in Building 5 was just one area visiting PRIDE Circle facilitators viewed during their recent tour of Southboro. Pictured are (from left to right): Conrado Villanueva, Manila; Anneliese Vernatter, Senior Quality Engineer in Westboro; Udo Banger, Germany; accompanied by Southboro Facilitator Joe Crisefulli and Bindery Supervisor Mike Ferro.*

## **The ABCs Of Fire Prevention**

More than 230 Southboro employees recently attended a course on the proper use of fire extinguishers. This training program was coordinated by Southboro Site Safety Engineer Kevin Mulcahy in cooperation with the Southboro Fire department. Held 12 times over a three day period, this course was one of the most popular safety programs that Southboro has offered this year.

The fire department's presentation was very comprehensive as instructors provided information on home and industrial fire prevention as well as appropriate use of extinguishers.

The various types of extinguishers and kinds or 'classes' of fires were discussed during the program. Class A fires are created from ordinary combustibles such as paper, cardboard or wood. Class B fires are caused by the vapors given off by liquids like gasoline, oil and paint thinner. "Flammable liquids are especially dangerous because it is the vapors that actually burn. This is why it is essential for any cloth or rags which come into contact with these substances to be stored and disposed of properly," notes Kevin. Class C fires are electrical fires.

For each class of fire there are specific extinguishers which are effective. Pressurized water extinguishers are recommended for Class A fires. Class B and C fires can be smothered by using a CO<sub>2</sub> (carbon dioxide) extinguisher. ABC extinguishers are also available. These contain dry chemicals and can be used on all types of fires.

After employees were given an overview of how to handle and select an extinguisher for various situations they had some hands-on experience. A controlled area was set up and attendees learned how to operate an extinguisher. Kevin observes that this kind of training helps all employees. Those who attended learned some very important methods of dealing with potentially serious situations. "The program benefits everyone. Employees are now better informed on what to do if a fire should ever occur. Responding correctly in the event of a fire insures the safety of co-workers. The instructors stressed the importance of the buddy system, no one should try and be a hero." Kevin says that if an employee must deal with a fire, the area supervisor should be notified immediately. All employees should be aware of the nearest exit and aisle ways should always be clear.



*Employees learned how to handle fire extinguishers during the recent fire prevention and safety course offered in Southboro.*



Al Garavente of the Water Control area believes the safety course offered him useful information. "I learned about fire prevention as well as what to do if one occurs. The course taught me to respect fire and I think everyone who attended feels the same way."



Before employees learned how to use various extinguisher, instructors from the Southboro Fire Department gave an overview of appropriate ways to respond to different 'classes' of fires.

## Birthday Get Together In Southboro

September 'Birthday Parties' were held in Southboro Manufacturing last week for 104 employees who celebrated their birthdays this month. The parties, hosted by Plant Manager Dave Foran, offered employees the opportunity to gain information on events taking place within Data General while they could enjoy a piece of cake.

At one party Inspector Estelle Derhovannessian of Building 5 asked several questions regarding various Personnel programs available to employees. Estelle was pleased with the party and says, "I believe this program gives employees the chance to receive immediate feedback to any questions they may have. It also allows employees to talk with other employees who otherwise might not have a chance to meet."

### Personnel Has A New Home

The Southboro Personnel department has moved to the second floor of Building 4. To find the new offices take the main stairwell (on the left) after entering through the front lobby. At the top of the stairs turn left, then take your first right. Take the next right and you're there!

## Benefits

### Got A Question?

Members of the Corporate Benefits department will make bi-weekly visits to Data General-Southboro and Milford to assist employees with questions or problems related to the Medical, Disability, Life Insurance, Dental, Pension and Savings and Investment programs. The visits will begin in October and are scheduled as follows:

*In Southboro:* Benefits administrators will be located in Personnel, Building 4 from 2 - 4 p.m. beginning on October 11. Visits will continue *every other* Tuesday thereafter.

A Credit Union representative will continue to be available every Tuesday from 3 - 4 p.m.

*In Milford:* Benefits administrators will be located in the front lobby conference room from 10 a.m. until noon beginning on October 7. Visits will continue *every other* Friday thereafter.

A Credit Union representative will still be available on Wednesdays from 2 - 3 p.m. A representative from Marsh & McLennan Group Associates (auto/homeowners'/renters' insurance) will be available Monday, October 17 from 2:30 - 4 p.m. and every other Monday thereafter. (NOTE: The representative will NOT be in Milford on October 10 as previously scheduled.)

### 1979 Scholarship Winners Are Now Graduates

*Susan Fleischer, Gilbert Katz, Michael Kerouac and Ruth Ann Noble* were winners of a 1979 Data General scholarship and are the first recipients to become college graduates.

Susan is the daughter of Mike Fleischer, senior field engineer in St. Louis. She graduated summa cum laude from the University of Missouri with a BS in electrical engineering. Among her many accomplishments, Susan was on the Dean's List, a member of Tau Beta Pi (National Engineering Honor Society), Electrical Engineering Sophomore of the Year and a Curator's Scholar for four years. Susan will be working in planning and development with a national electronics firm.

Gilbert, son of Southboro senior mechanical engineer User Katz, graduated summa cum laude with a BS in electrical engineering from Boston University. Gilbert was also on the Dean's List and a Tau Beta Pi member. In addition, he was a student member of the National Society for Professional Engineers and organizer of the 1982 Engineering Olympics. Gilbert plans to attend medical school at Boston University.

Michael is a cum laude graduate of the University of Lowell where he majored in plastics engineering and minored in chemistry. Mike was a member of the Society of Plastics Engineers, Eastern New England Chapter. After graduation, he accepted a position as a process development engineer with a California

based company. Mike is the son of Jack Kerouac, operations manager in Westbrook and older brother of Ken Kerouac who is among the 1983 Data General scholarship winners.

It took Ruth Ann only three years to earn her BS in biology from Bates College. While at Bates, she was on the Dean's List and a Dirigo and Benjamin Bates Scholar. This past year, Ruth Ann earned a medical technology degree at the Central Maine Medical Center and recently began working at York Hospital. She is the daughter of Richard Noble, senior industrial engineer in Westbrook.

Data General commends each graduate on their academic excellence and wishes them much success in their future endeavors.

### **Scholarship Applications Now Available**

If your son or daughter will graduate from high school in 1985 and plans to go to college, the Data General Scholarship Program will be of interest to you. Each year, six scholarships are awarded to qualified children of Data General employees. The scholarships range from \$500 to \$2,000 and are renewable up to four years for degree granting programs at accredited U.S. universities or colleges.

To apply for a scholarship, your child must take the PSAT/NMSC test during the junior year and submit a scholarship application form to the Corporate Benefits department. The PSAT/NMSC will be given by each high school throughout the country on either October 18 or 22 this year. Registration for the test should be made by the student through the high school guidance counselor. Scholarship applications may be obtained from your Personnel representative, Benefits administrator or the Corporate Benefits department.

#### **Benefits Booklets**

Revised booklets for the Data General medical, dental, pension, life and disability programs have been printed. The booklets describe your benefits in detail and include all recent changes to the programs. Please obtain a copy of the new booklets from your Personnel representative or Benefits administrator.

When you receive your new booklets, read each one carefully. The programs work best when you know how to use them. If you have any questions, contact your Personnel representative or Benefits administrator.

### **New Loan Rate For Savings & Investment Program**

If you apply for a loan from your Savings & Investment Program account on or after October 1, 1983, the interest rate will be 13.5%. This rate will be in effect for all loan applications received by Corporate Benefits between October 1 and January 1. The interest rate for all loan applications received in 1984 will be one percent above the interest rate payable for the Guaranteed Income Fund.

Establishing the loan rate at one percent above the Guaranteed Income Fund rate represents a change to the plan. Previously, the rate was based upon the average personal loan rate charged by major banks throughout the country. The interest rate payable under the Guaranteed Income Fund for 1984 will be announced this December.

If you are applying for a loan, there are several points you should keep in mind:

1. You will receive your loan check at the end of the month FOLLOWING the month in which Corporate Benefits receives your loan application. You will be asked to sign a promissory note and your loan check will be delayed if you do not return the signed note right away.
2. To qualify for a loan, you must have at least \$500 in your account and you may not have more than one loan outstanding at any time.
3. The minimum amount you may borrow from your account is \$500. Repayment of the loan (principal plus interest) is made through weekly payroll deductions. The minimum payment is \$10 per week and the loan must be fully repaid within five years.

If you have any questions, please contact your Benefits administrator, Personnel representative or Corporate Benefits on Westboro extension 4524.

## **Travel Tip**

### **Quickway To Logan Airport**

Quickway Limousine offers scheduled service between Data General and Logan Airport. Quickway makes 20 trips daily and will pick up passengers at three locations: Building 14A Lobby in Westboro, Building 14B Lobby in Westboro or at the main entrance at Building 4 in Southboro.

Rates are \$15, one way/per person or \$12 one way/per person in groups of three or more. For reservations call Quickway, 835-6111. Schedules may be picked up at Corporate Travel, MS D127. **NOTE:** Through November 15, book a roundtrip reservation and pay only the one way fare.



## Activities

### ***183 Outing Season Comes To An End At Crotched Mountain***

Data General employees, their families and friends arrived at Crotched Mountain early Saturday morning for the final outing of the season. The crisp autumn air added to the festive day as employees enjoyed hayrides, a hot tub, face painting, bingo and square dancing. Attendees also had the opportunity to enjoy the scenic view of New Hampshire and Massachusetts from atop the mountain, taking a chair lift ride to the top.



### ***Ski Alert ...***

#### ***... Lake Tahoe Skiers!***

Date: February 3 - February 9. Price per person: \$625/quad; \$640/triple; \$655/double. Send \$100 deposit to Debbie Hixson, MS C223 in Westboro before October 28.

**NOTE:** Air fares are due to increase \$20 at the end of September. If you would like to secure the current rate send \$419 per person immediately to: TAHOE, MS C223.

#### ***... Ski Mt. Killington***

Date: December 9 - December 11. Price per person: \$65/quad; \$73/triple; \$85/double. Send \$25 deposit by October 14 to John Watkins, MS 4-41 in Southboro or Debbie Hixson, MS C223 in Westboro.

#### ***... Ski Stowe***

Date: January 6 - January 8. Price per person: \$112/quad; \$119/triple; \$133/double. Send \$40 deposit per person by November 11 to Debbie Hixson, MS C223 in Westboro.

### ***Chess Club Simultaneous***

The Data General Chess Club starts its fall evening season on Thursday, November 3 in the Pizzeria with a chess simultaneous. The club's current champion, Stuart Schulman, will challenge the first 20 guests each to a game of chess and play all the games simultaneously. Opponents will be seated in a circle making one move as Stu reaches their board.

If you are interested in playing, send your name, mail stop, location and extension to: CHESS SIMULTANEOUS, Att. Charlie Bures, MS C137 in Westboro.

### ***Radio Club Schedules Meeting***

The Data General Radio Club will hold a meeting on Thursday, October 6 at noon in the Engineering Classroom at Westboro. For further information contact Dave Runk at extension 7265 in Southboro.

### ***Toastmasters To Hold Speech Contest***

The Data General Toastmasters will have a speech contest at the weekly meeting on Wednesday, October 5.

Take your lunch and come to the weekly meeting, which is held in Guest Marketing Conference Room A, in Building 14B (Module 2F) beginning at 11 a.m. All employees are welcome to attend.

### ***Discount Movie Tickets***

Discount movie passes are available to Sack Theatres, General Cinemas and Showcase Theatres. Each pass costs \$2.50 and may be picked up from Lori Clancy (x6630) in Westboro, Beth Peduto (x2019) in Milford, and Jeri Goulet (x7400) in Southboro.

## The Results Are In

Below are the overall standings of the employees who participated in the Data General Dasher Road Race last Friday. Further detailed results are posted in the cafeterias at each location.

### BICYCLE Results

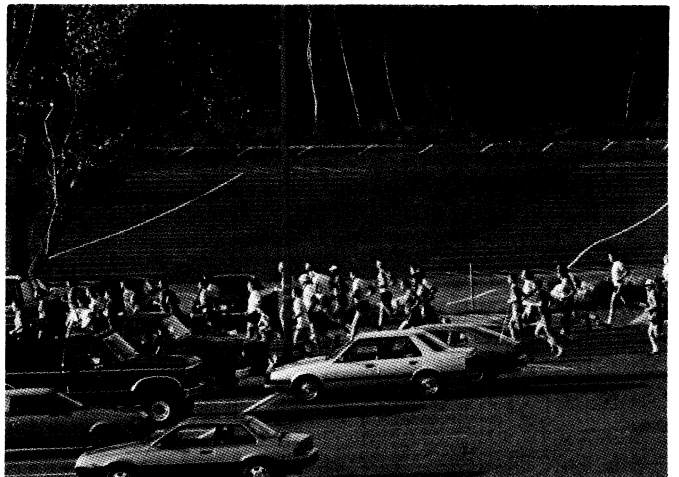
1 Christofer Dahahn	0:37:16	30 David Kricker	0:45:21
2 Donald Baum Jr	0:40:38	31 Peter Hopkins	0:45:42
3 Gerald Greenwood	0:41:38	32 Charles Dow	0:45:46
4 Paul Woodbury	0:41:51	33 Lawrence Gruppi	0:45:52
5 John Norton	0:43:38	34 Thomas Townsend	0:45:54
6 Brian Wing	0:43:46	35 Peter Bixby	0:45:56
7 Brandon Barney	0:43:51	36 Andrew Greene	0:46:03
8 S. Rexford Morrill	0:44:30	37 James Pickett	0:46:21
9 Kenneth Sharp	0:44:30	38 Ronald Weiger	0:46:27
10 Lisa Weidner	0:44:30	39 James Heath	0:46:29
11 Glenn Kaplus	0:44:52	40 William Willett	0:46:33
12 Alan Krentzel	0:45:13	41 Allan Baillie	0:46:48
13 Joseph Boykin	0:45:17	42 Lila Naimark	0:47:02
14 Michael Broadbent	0:45:24	43 Raymond Charette	0:47:16
15 John Metzger	0:45:54	44 Albert Sayles	0:47:21
16 Dennis Lindenberg	0:46:44	45 Jane Herrick	0:47:30
17 Michael Normile	0:47:26	46 Richard Neuner	0:47:51
18 Michael Swiech	0:47:31	47 Brian Schimpf	0:47:54
19 Mark Levine	0:47:32	48 Peter Conway	0:48:12
20 Paul Gustafson	0:49:13	49 Raymond McCulloch	0:48:18
21 David Allen	0:50:38	50 Robert Hubbard	0:48:20
22 Andrew Benassi	0:50:43	51 Robert Lehman	0:48:56
23 Gerard Hovagimian	0:51:32	52 Anne Kennedy	0:48:56
24 Elizabeth Babcock	0:51:56	53 Ruth Nagel	0:49:14
25 Mark Hecker	0:52:11	54 Charles Arning	0:49:32
26 Mark Travaglio	0:52:45	55 Michael Plochinski	0:50:21
27 Miles Gray	0:53:35	56 William Mahoney	0:53:30
28 Philip Schwarz	0:53:56	57 Thomas Kasabula	0:58:53
29 Michael Kostyshak	0:54:17	58 Janice Nazar	1:06:40
30 Richard Boylan	0:54:37	59 Jon Reyes	1:06:40

### SHORT RUN Results

31 David Cavallo	0:54:50	1 Michael Pavlov	0:16:34
32 Daniel Kerns	0:55:00	2 Gordon Curl	0:17:46
33 Gregory Schumacher	0:55:00	3 Alan Rust	0:18:25
34 Jack Smith	0:56:25	4 Barry Smith	0:18:48
35 John Ditommaso	0:56:32	5 Michael Giordano	0:18:59
36 Thomas Gardner	0:57:12	6 Brian Bastien	0:19:22
37 Richard Dewitt	0:57:55	7 Wade Eichhorn	0:19:32
38 Stephen Barrett	0:58:22	8 Graham Entwistle	0:19:38
39 Neal Firth	1:00:56	9 Scott Campbell	0:19:51
40 Bonnie Michelman Siryk	1:03:54	10 Paul Bowden	0:19:51
41 David Keating	1:09:28	11 John Kavazanjian	0:19:55
42 Bridget Halsey	1:12:35	12 Paul Noe	0:20:02

### LONG RUN Results

1 Daniel Ethier	0:35:12	13 David Fray	0:20:05
2 Donald Shaw	0:35:59	14 Kevin Brassard	0:20:23
3 Wayne Fitzsimmons	0:36:28	15 Michael O'Leary	0:20:29
4 Robert Fulcher	0:37:35	16 Michael Roman	0:20:35
5 Mark Rutan	0:37:44	17 Leonard Dutschler	0:20:38
6 Scott Cameron	0:37:51	18 William Dalton Jr	0:20:41
7 Alfred Oak	0:38:18	19 David Epstein	0:21:08
8 Timothy Webster	0:38:30	20 John Perkins	0:21:09
9 George Gardner	0:38:35	21 Donna Fox	0:21:16
10 Thomas Palumbo	0:38:43	22 Mark Hummel	0:21:19
11 Richard Conway	0:39:01	23 Joseph Del Rio	0:21:25
12 Paul Humes	0:39:04	24 Jeffrey Koehler	0:21:26
13 Russell Jones	0:39:06	25 Mark Daly	0:21:36
14 Roger Fox	0:39:50	26 Andrew Hawley	0:21:38
15 Richard Lawrence	0:40:04	27 Paul Delsignore	0:21:42
16 Richard Corsi	0:40:40	28 Henry Hughes, Jr.	0:21:45
17 Peter Orni	0:40:51	29 Joshua Weiss	0:21:45
18 Ron Pipe	0:41:39	30 Robert Green	0:21:46
19 Raymond Jones	0:41:43	31 Thomas Ptacek	0:21:46
20 Craig Pasek	0:41:57	32 David Berridge	0:21:59
21 Edward Simisky	0:42:00	33 Paul Rinaldi	0:22:05
22 Alan Lanctot	0:42:09	34 Raymond Maese	0:22:06
23 Peter O'Dunne	0:42:45	35 Douglas Haney	0:22:20
24 William Sullivan	0:42:48	36 Manoel Pessoa	0:22:24
25 Jose Moura	0:43:31	37 Steven Cappelli	0:22:26
26 William Mettey	0:43:53	38 Derrick Labaire	0:22:38
27 Steven Evilia	0:44:20	39 Donald Wiser	0:22:46
28 Gary Weissberg	0:45:05	40 Frederick George	0:22:52
29 Christopher Cassidy	0:45:20	41 John Kent	0:22:54



42 Jerald Jagers	0:22:58	73 Donald Wagner	0:26:33
43 James Guyer	0:23:00	74 Thomas Mazzola	0:26:38
44 Cheryl Murphy	0:23:05	75 Robert Dulaney	0:26:42
45 Kenneth Remillard	0:23:08	76 Eddy Telemaque	0:26:46
46 Robert Lange	0:23:15	77 Zoe Piliro	0:26:47
47 Larry Warner	0:23:29	78 Deborah Cohen	0:26:56
48 Michael James	0:23:36	79 Brian Austin	0:27:02
49 Michael Grossman	0:23:39	80 James Harrison	0:27:18
50 Patrick Scannell	0:23:53	81 Frank Gallo	0:27:39
51 Karen Horst	0:23:54	82 Elizabeth Blank	0:28:02
52 Bruce Zarenko	0:24:01	83 Ken Driskell	0:28:10
53 David Cressman	0:24:01	84 Cheryl Stott	0:28:16
54 Michael Twomey	0:24:03	85 Sandra Masciarelli	0:28:32
55 Dennis McGarahan	0:24:12	86 Tina Marie Alger	0:28:34
56 Dennis Ford	0:24:13	87 Linda Boylan	0:28:45
57 Kenneth Rodrigues	0:24:13	88 Margaret Jenkins	0:29:09
58 Paul Milott	0:24:22	89 Kathleen Garner	0:31:04
59 Martin Metcalf	0:24:26	90 Elaine Moore	0:31:22
60 Don McDougall	0:24:34	<b>BIATHLON Results</b>	
61 Madhav Mutalik	0:24:42	1 Eric Engberg	1:02:41
62 Richard Dustin	0:24:49	2 Daniel Maxwell	1:06:11
63 Thomas Cappelli	0:24:53	3 Thomas Arns	1:06:41
64 Peter Roche	0:25:00	4 Peter Kaufmann	1:07:07
65 Robert Orr	0:25:12	5 Janpieter Scheerder	1:09:40
66 David Basok	0:25:18	6 David O'Donnell-Leac	1:10:56
67 Edson de Castro	0:25:30	7 John Foley	1:11:44
68 Brian Lees	0:25:42	8 John Frost	1:12:42
69 Carl-Olof Bergquist	0:25:52	9 Dave Fooks	1:13:57
70 David Andrews	0:25:55	10 Andrew Luke	1:18:32
71 Emily Atkinson	0:26:07	11 Joseph Ptaszynski	1:19:03
72 Daniel Layton	0:26:26	12 Karen Moussette	1:24:34

## CARPOOL

**Ride**, needed from Rt. 126, Bellingham to Milford, 8:30 - 5, flex, call Denise x2350.

## MARKETPLACE

### Free

**Kittens**, 2 females, 1 grey/calico, 1 tiger, 393-2065 (Northboro).

### For Rent

**2 Furnished Rooms**, w/kitchen priv, for non-smoking professional, must like animals, \$55/wk, in Framingham, 877-4415 (Framingham).

**Apt**, 1 bdr, combined living rm. & dining rm, pvt. parking, heat & ht. water inclu, in Marlboro, 481-5767 (Marlboro).

**Chalet**, Wh. Mts. NH, 3 bdrs, \$250/wk, \$150/weekend, 877-3504 (Framingham) ask for Don.

**House**, Cape, 3 bdrs, garage, in Southboro, \$675/mo. + util, call weekdays, 481-3578 (Marlboro).

**Apts**, 1 bdr, avail. 10/1, \$375; 2 bdr, avail. 11/1, \$400, heat inclu, near Milford center, 473-7670 (Milford).

**Apt**, 2 bdrs, gas heat + ht. water, \$275/mo. + util, 756-1955 (Worcester).

### Wanted

**Roommate**, preferably 2nd shifter, lg. farmhouse w/4 others, \$200 + 1/5 heating (wood/oil), 875-2117 (Framingham).

**Drummer**, to jam w/bass & guitars, current k & jazz music, 485-5839 (Marlboro).

### For Sale

**Garage Door**, wooden w/all parts, \$50/BO, 366-8139 (Westboro).

**Airline Tickets**, 2 to anywhere Eastern flies, \$800/BO, 784-3626 (Blackstone).

**Wood/Coal Stove**, used 3 yrs, \$350, 393-6581 (Northboro).

**Items**, Ariens snowblower, \$800; Hotpoint 18 cu. ft. refrig, \$300; Russo wood stove, \$400; 40 ft. alum. ladder, \$75, 393-3284 (Northboro).

**Hanglider**, 30 ft. wingspan, \$100, 877-3387 (Framingham) aft. 5.

**Hammond Organ**, J500 Spinnet, auto. rhythm, middle C keyboard w/tabs, wood cabinet w/bench, extras, 839-6018 (Grafton).

**Living Room Set**, sofa, chairs, lamps, tables, etc. priced right, 655-3039 or 655-0222 (Natick).

**House**, newly ren. older Cape on lg. lot, 5 rms, sunporch, garage, 473-7842 (Milford).

**Sofa-Bed**, beige corduroy, modern design, lt. wgt, \$50, 842-0357 (Shrewsbury).

**Items**, girl's 3 sp. bike, 24 in, \$40; Hi-Riser, complete set of 2 beds, \$100, 620-0759 (Framingham).

**American Airlines Flight Voucher**, one round trip couch flight, anywhere on American Airline, except Hawaii, expires 11/15/83, 481-0336 (Marlboro).

**Truck Tires**, 2 Armstrong 10x16.5 mounted & balanced on 8 lug rims, BO, 234-8451 (Whitinsville).

**Pool Cover**, for above grnd. pool, 24 ft. round, pourous type, \$30/BO, 562-2731 (Hudson).

**Bed Frame**, full sz. w/bookshelf headboard, \$40, 393-7825 (Northboro).

**Snow Tires**, 2 Exxon ER78-14 MTD on universl rims, 829-5503 (Holden).

**Franklin Wood Stove**, w/accessories, \$150, 393-7825 (Northboro).

**Snow Tires**, 2 E78-14 polyester white wall, \$25; 2 14 inch Ford rims, \$15, 924-1591 (Watertown).

**Foosball**, (table soccer) table, 473-7842 (Milford).

**London Fog Raincoat**, men's, lined, sz. 40, worn once, \$95, 872-0507 (Framingham).

**Skis**, Rossignol Competition 195cm, Tyrolia bindings, Garmont boots, \$100/BO, 534-0984 (Leominster).

**Huffy Bikes**, 1 boy's, 1 girl's, 3 sp, 26 in, xtra handle bars inclu, \$35 ea./both for \$60, (401) 766-4868 (Woonsocket, RI).

**Car Parts**, '73-'74 Chevy Nova bumper, grill & radiator supports, \$80/BO, 568-8979 (Hudson).

**Appliances**, Sears elec. dryer, \$100; GE washer, \$50, 478-0416 (Milford).

**Boat**, '80 11 ft. Glen-L Kit w/20hp outboard, \$1000, 966-0108 (Bellingham).

**House**, newly renovated, 1800's Colonial, \$64,500, 966-0108 (Bellingham).

**Lasha Apso**, AKC, female puppy, all shots, must sell because of allergies, \$100, 839-9936 (Grafton).

**Boat**, 15 ft. Starcraft, '77, 115 hp Evinrude, recently rebuilt, loaded, trailer, storage, \$4000, 799-9758 (Worcester).

**Furniture**, trestle table w/bench + 4 ladder-back chairs, \$250; modular sofa & loveseat, lgt. brown velvet, \$350, 881-1887 (Ashland).

**Land**, 1 acre, wooded, perked, gentle slope, zoned for single or 3 family, \$10,800, 756-9213 (Worcester).

**Reinell Cabin Cruiser**, '72, slps. 5, 350 Chevy engine, 225hp/w trailer, xtras, \$7500, 529-4422 (Upton).

**Seasoned Oak Fire Wood**, recently cleared lot, 845-9220 (Shrewsbury).

### Autos

'72 VW 411, 2 dr, for repair or parts, BO, 872-3494 (Framingham).

'72 Ford Torino, 2 dr, red, 302 V-8, new tires, clutch & brakes, \$600, 966-1103 (Bellingham).

'72 Datsun 24 OZ, for parts only, must tow, \$600, 234-7049 (Northbridge).

'73 VW Beetle, \$600/BO, 366-9532 (Westboro).

'73 Chevy Pick-up, new sticker & parts, \$1400/BO, 528-3948 (Franklin).

'74 Dodge Dart, 4 dr, PS, AM/FM, auto, 85K mi, \$500/BO, 435-4531 (Hopkinton).

'74 Opel Manta, 4 sp, runs but needs work, \$500, 234-7049 (Northbridge).

'75 VW Beetle, 59K mi, \$1650/BO, 485-4614 (Marlboro).

'75 Plymouth Wagon, many extras, \$975/BO, 528-3948 (Franklin).

'76 Toyota Corolla, 2 dr, sedan, \$1200/BO, 443-5401 (Sudbury).

'76 Pinto, 4 cyl, 4 spd, 3 dr. runabout, \$1300/BO, 534-8289 (Leominster).

'77 Chevy Pickup, 3/4 ton, 2-wheel dr, auto, BO, 464-2705 (Princeton).

'78 Sunbird, 4 cyl, 4 spd, new tires, shocks & exhaust, 60K mi, \$2500/BO, 366-8426 (Westboro).

'79 Dodge Colt, 2 dr, 4 spd, 69K mi, \$3000/BO, 695-0593 (Plainville).

'79 Kawasaki KZ400, 8K mi, \$900/BO, 393-2065 (Northboro).

'79 Mustang Cobra, std, AM/FM stereo cassette, rustproofed, PS/PB, 7RX tires/wheels, 485-2639 (Marlboro).

'79 Honda Civic, hatch, 4 sp, new muffler, 49K mi, \$2800, 473-7352 (Milford).

'80 Mercury Cougar XR7, loaded w/every option, 485-2858 (Marlboro).

'81 Subaru GL, 4 dr, 5 sp, 15K mi, sunroof, luggage rack, AM/FM cassette, 839-3724 (Grafton).

'81 Kawasaki, 440 LTD, 798-0185 (Worcester).

'81 Ford Escort, wagon (GL), digital clock, stereo, rear defogger, radials, 60K mi, BO over \$4600, must sell, 757-3961 (Worcester).

'82 Mustang, 16K mi, AM/FM cassette, blk. w/red, \$6900/BO, 393-2065 (Northboro).

## MENU

**Westboro Cafeteria**, Monday, Cannelloni Florentine; Tuesday, Beef Burgundy; Wednesday, Swedish Meatballs or Seafood Roll; Thursday, Croissant; and Friday, Fried Clams.

**DeeGee's**, Monday, Reuben; Tuesday, Mushroom & Onion Quiche; Wednesday, Divan Crepe; Thursday, Ham & Cheese Omelet; Friday, Seafood Roll.

**Milford**, Monday, Veal Parmesan; Tuesday, Chili; Wednesday, Build-A-Burger; Thursday, Broccoli Quiche; Friday, Seafood Platter.

**Southboro**, Monday, Chicken Croquettes; Tuesday, Roast Beef; Wednesday, Sausage Cacciatore; Thursday, Spanish Rice; Friday, Baked Fish.

**MINI NEWS**, All ads must be submitted in writing and include employee's name, home phone and extension number. All ads must be received by 11 a.m. Tuesday morning of the week published. Send to Cynthia Myers, MS A-235.

# Education Program Announces Fall Sessions

Data General's Management and Organizational Development department is offering the following course schedule this fall. All Data General employees are eligible to enroll, free of charge. The classes will be held at Data General - Westboro, and all instructors are Data General employees. Following successful completion of a class, participants will be presented with certificates of completion verifying that they attended and participated in the program. Class descriptions, objectives, meeting times and sign-up procedure are listed.

## Sign-up Procedure

Course sign-up will be accepted on a "first come" basis, beginning October 3rd and 4th. To enroll please call X4699 between 9 a.m. to noon and 1 p.m. to 4 p.m. Individuals should limit their sign-up to one course.

<b>COURSE:</b>	<b>TITLE/DESCRIPTION</b>	<b>PARTICULARS</b>
<b>Productivity Tools (CEO) And Techniques For Secretaries/Clerical Personnel</b>	<p>Training is designed for secretaries and clerical personnel interested in developing their skills in office automation and other related techniques to improve their productivity. Sample topics include Interpersonal Relations; Electronic Filing Techniques; Training Your Boss; Time Management - both Personal and Departmental; Basic Business Correspondence Samples; Basic Word Processing Techniques and CEO Features. PREREQUISITES are the need to use CEO for job-related functions, now or in the near future.</p> <p><i>OBJECTIVES:</i> Participants will listen to presentations and discuss the concepts of office automation, CEO, time management and other productivity techniques. Participants will demonstrate basic CEO features to include mail, filing, profile manipulation and word processing.</p>	<p>Eight 2-hour sessions two days a week, Tuesdays and Thursdays, 4-6 pm, beginning Tuesday, October 25th</p> <p><i>Instructor - Pete Doonan</i></p>
<b>Programming in PASCAL</b>	<p>Training is designed for those interested in learning about the PASCAL language and its relationship to modern programming practices. Sample topics include: Basic PASCAL program requirements; action concepts; procedures and functions; program creation and concepts; and top down design. PREREQUISITES are previous programming experience and access to either an AOS or AOS/VS system.</p> <p><i>OBJECTIVES:</i> Participants will listen to weekly discussions. Weekly programming assignments and reading will be assigned. At the completion of the course participants will be able to write in PASCAL.</p>	<p>Six 2-hour sessions, 4-6 pm, beginning Monday, October 24th</p> <p><i>Instructor - Neal Firth</i></p>
<b>Assembly Language Programming</b>	<p>Training is designed to teach assembly language programming to high level language programmers. Topics include 16- &amp; 32-bit instruction set, stack manipulation, subroutine linkage, character/string manipulation, system utilities (MASM, Link, Debug), operating system calls, multi-tasking and programming style. PREREQUISITES: Participant should be accomplished HLL programmer and familiar with AOS or AOS/VS.</p> <p><i>OBJECTIVES:</i> Participants will listen to weekly discussions. Weekly programming assignments and readings will be assigned. At the completion of the course, participants will be able to write assembly code interfacing to AOS or AOS/VS.</p>	<p>Ten or twelve 2-hour sessions, 4-6 pm, beginning Tuesday, October 25th</p> <p><i>Instructor - Tim Reiter</i></p>
<b>Introduction To Minicomputers</b>	<p>Training is designed for those interested in an introductory overview of computers. Sample topics include Terminology; A Brief History of Computer Systems; Physical Components of a Computer System; Programming Languages and their Role; Operating Systems and AOS; Networking; Communications and Office Automation.</p> <p><i>OBJECTIVES:</i> Participants will recognize the terminology and physical components of computer systems. Participants will listen to presentations and discuss computer systems and applications software.</p>	<p>(Section 1) Eight 2-hour sessions, one day a week, 4-6 pm beginning Monday, October 24th (Section 2) Eight 2-hour sessions, one day a week, 4-6 pm beginning Wednesday, October 26th.</p> <p><i>Instructor - Randy Johnson</i></p>