

digital

MAYNARD

DIGITAL THIS WEEK



Volume 11, Number 15

August 6, 1984

United Way Campaign goal for 1984 is \$1.3 million

The 1984 United Way Campaign will get underway on September 17 and continue until October 12. Rose Ann Giordano, vice president of Large Systems and this year's United Way key executive says, "Digital's two major goals for this campaign are to educate our employees about what their support of the United Way means and to meet our aggressive goals of \$1.3 million."

The United Way is primarily a fund raising organization which allocates 90 cents of every dollar raised to a wide spectrum of community services such as the Boy and Girl Scouts, YMCA, Visiting Nurses, American Red Cross and Hospice.

Rose Ann says, "Digital has identified the United Way as an effective vehicle to channel support to a large variety of social service agencies in communities throughout the country. The United Way was

chosen because of the wide breadth of agencies it supports. It is a once a year solicitation and it is the only organization for which we solicit in the workplace. United Way supports many organizations for the needy as well as more generalized community services."

The company runs a designated campaign where individual contributors may specify to what United Way their money goes. "At Digital we take our civic and social responsibility seriously. Last year, \$1,213,000 was raised by employees and Digital matched that amount making the pledge to the United Way \$2.4 million. We run a designated campaign so that our employees can choose which United Way is the recipient of their donation."

Anyone with questions about the United Way or how to contribute through a one-time gift or payroll deduction, contact Judi VonDohlen, Corporate United Way chairperson, at DTN 223-5320.



Rose Ann Giordano

Temporary labor contracts streamlined

To streamline the contracting of temporary labor services, personnel and purchasing have selected between 15 and 20 vendors to serve Digital at the same rate of pay for the same job classifications.

With the goal of contractual consistency in mind, Digital's John Shire, Administrative Supply Base manager, Corporate Purchasing, worked for 18 months with Phil Sardella, U.S. Employment manager, "doing preliminary work to get to the



John Shire

point where we had a set of terms and conditions which would meet Digital's goals as well as the vendor's needs."

Prior to this project, personnel groups at each Digital location in Eastern Massachusetts and Southern New Hampshire were doing their own contracting for temporary labor, where as many as 1000 people a day were needed. "There were 45 Digital facilities dealing with 50 vendors causing a disparity in pricing. By making the pricing consistent, a cost savings was affected," John says.

Continued on page 4

Navajos use Rainbows for word processing in their native Athabascan language

Navajo students at the Rock Point Community School in Arizona will be doing word processing in their native Athabascan language, Navajo, when school begins next fall due to a cooperative effort with Digital.

At Digital's Phoenix and Albuquerque manufacturing plants, several employees became interested in the project and designed a character font for the Athabascan language family. In addition, Corporate Contributions donated three Rainbow 100 personal computers and a LA100 printer to the Rock Point Community School. This equipment will be used as part of the applied literacy and computer education curriculum to be initiated in the fall.

**Níłch'í naalkidí
bee ak'e'elchíhí**

--The above is the Navajo word for "computer" (literally "images that go through the air") written using a new character font on the Rainbow.

Bruce Anderson, Terminals Manufacturing Group manager, played an active role

getting this project going. "What started as a normal manufacturing project aimed at affirmative action and community relations, has opened potential for computing in native American tribal organizations in addition to native American educational institutions."

At the Albuquerque, New Mexico plant, Digital demonstrated the equipment to educators from the Navajo tribe and representatives from the American Indian Science and Engineering Society. "It was received with great enthusiasm when they saw how computers can make an impact on the Navajo community by increasing communication capabilities," Bruce says.

There are approximately 200,000 Navajos in the southwestern United States. The Apaches, whose language is also a member of the Athabascan language family, have expressed interest in the availability of Athabascan for Apache word processing. Bruce says other requests from American Indians have been received from Oklahoma, South Dakota and Alaska.

At the Rock Point Community School the

Continued on page 4

Marlboro cluster holds Employee Development Day



Employees using the on-line job search system during the Marlboro Cluster Employee Development Day.

More than 300 employees attended the Employee Development Day sponsored recently by the Cluster Management and Employee Development Organization, in conjunction with Marlboro Manufacturing, Large Systems Integration group and the Computer Special Systems Engineering group.

Carol Mofford, Management and Employee Development manager; Michael O'Connell, Career Management consultant, and Roger Racine, Generic Development consultant, were responsible for

coordinating the event.

Four workshops centered on the development process, and the role of managers and individual contributors were the central focus of the day. Brochures, literature, and resource listings were distributed, and employees were given the opportunity to use an on-line job search system and a career discussion program called Eliza.

For more information on how to coordinate Employee Development Days, contact Roger Racine at DTN 231-4982.

New Aerospace Government Sales District created

Digital has announced the creation of a Southern California Aerospace/Government Sales District. This new district will handle all aerospace and federal government accounts within Southern California.

Digital's strong commitment to the aerospace and federal government markets is emphasized in the creation of this 31st U.S. district. Headquartered at 6101 West Centinela Avenue, Culver City, California, it is the company's first sales district focused exclusively on these specific markets.

Sheldon Sherman, formerly the Los Angeles District Sales manager, has been appointed manager, Aerospace/Government District. In this new position, Sherman reports to Robert M. Long, Southwest Region Sales manager. Daniel F. Hasset, Southwest Industrial Distribution manager, has been named to replace Sherman as Los Angeles District Sales manager.

Stouffer High Tech 10 Km Road Race on Sept. 9

Digital is one of the co-sponsors of a 10 kilometer road race to be held on Sunday, September 9, beginning at 10 a.m. The race will start and finish at the Stouffer Bedford Glen Hotel in Bedford.

Proceeds from the race will go to the Massachusetts Special Olympics and towards local high school scholarships for advancement in the high-tech industry.

A \$7 entry fee is due before September 1. Late registration is \$8. The race is limited to 2,000 people.

Also included in the race is a High-Tech Team Division where a maximum of five members, who are employees of the same company, may compete. Send team members applications in one envelope with team name by September 1.

At the post-race awards ceremony and party there will be complimentary refreshments, live entertainment and video highlights of the race. Prizes will be given and weekend hotel packages are available for runners.

For more information, call (617) 275-5500, ext. 558.

Security presentation on proprietary information

The Marlboro Security Department is holding a presentation on the Protection of Proprietary Information on Tuesday, August 28 at 2 p.m. in the DEC 20 Conference Room.

For more information, call Tracey Greenwood at DTN 231-4770.

Employee Stock Ownership Plan

On the first day of August every U.S. employee hired prior to January 1, 1984 received free shares of Digital common stock. The number of shares was determined by the salary received in fiscal year '84 and the average closing market value for the last 20 business days of the month of July. Investor services will mail to your home address a statement with all the details, approximately the second week of August.

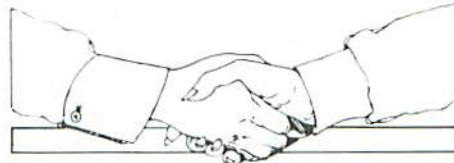
DIGITAL THIS WEEK



Editor: Jane Littlejohn

Send stories, photos, ideas or suggestions to DTW, CFO2-3/K23 or call the editor at DTN 251-1307. Ads must be submitted in writing to Marketplace, CFO2-3/K23. Please direct all Marketplace inquiries to Jennifer Hawes at DTN 251-1308.

Digital This Week is published every other week by the Corporate Employee Communication department of Digital Equipment Corporation for the Employees in the Greater Maynard area.



EMPLOYEE KUDOS

Theresa J. Cash, Community Relations/-Quality of Work Life Specialist, Shrewsbury Personnel, has been recognized as a Certified Employee Services and Recreation Administrator (CESRA) by the National Employee Services and Recreation Association (NESRA).

Digital recognizes students in ACT-SO competition

Digital recently helped support the Afro-Academic, Cultural, Technological and Scientific Olympics (ACT-SO) national competition for students in grades 9 through 12 held last month in Kansas City, Missouri.

Five hundred students from 176 cities competed in 21 different categories under four disciplines: humanities, performing arts, sciences and visual arts. Contributing to ACT-SO for the second year, Digital pre-



Violinist Sonya White, daughter of Ralph White, Digital manager with the Storage Systems East Test group, performing at the ACT-SO competition.

sented computers to the gold medal winners in energy, math, physics and electronics, and humanities. The gold medal winner in chemistry was also last year's awardee; his equipment will be upgraded. At the Regional Massachusetts level, four Digital groups gave \$3,000 to assist in sending the science winners to the national competition. In addition to equipment donated by companies, winners received gold, silver and bronze medals along with monetary awards of up to \$1,000 for first place winners.

ACT-SO was introduced in 1977 by Vernon Jarrett, Chicago Sun-Times columnist to the National Association for the Advancement of Colored People (NAACP) to provide a way for black youths to be recognized for excellence in academic and cultural pursuits via maximum support of their communities.

In this year's competition, Sonya White, daughter of Ralph White, Digital manager with the Storage Systems East Test group, competed in the instrumental music division at the ACT-SO national convention. Although she did not win at the competition in Kansas City, Sonya placed first for playing her violin at the New England Conference of ACT-SO held in June. Sonya was selected as one of the 300 auditioning young violinists attending the Boston University Tanglewood Youth Institute this summer.

In addition to the competition, approximately 400 students attended a career



James Pitts, (right) Digital's Metro Boston District Sales manager, awards a DECmate II to Monica Anderson (left) of Williamsville, New York at the ACT-SO competition held recently in Kansas City, Missouri. Monica received a gold medal for her playwriting and poetry.

awareness workshop coordinated by ACT-SO, where Digital and six other companies participated.

Providing major support and commitment to the program this year were: David Grainger, vice president, Western and Central U.S.; John Sims, vice president, Corporate Personnel; Malcolm Jones, Software Services manager, Central and Western States, A.M.C. and Digital's program manager for ACT-SO, Laura Morris, Urban and Social Affairs consultant.

Workshop introduces engineers to Digital

The SAC/CQG, Quality Development Program announces the offering of a new workshop. This two-day workshop is an orientation program for new hires to engineering. For maximum benefit, the workshop should be attended during the first 6 months of employment preferably after two or three months on the job.

The workshop introduces the attendees to Digital by addressing the following areas:

- the corporate philosophy and culture
- Digital's history, products and organization
- Digital's business goals
- working in Engineering

The workshop is a combination of presentations, panels and small group activities. The presenters include members of the Central Quality Group and members of various engineering groups. To ensure the maximum relevance of the program, engineers and engineering managers, who are currently working on products, are involved as guest speakers and panel members in the various modules.

There are two panels, one to discuss the products, markets and competitors, and the second to discuss what it is like to work in engineering at Digital. The members of the Products panel are engineering managers and product management or market-

ing people. The members of the Working in Engineering panel are people who have been working in Digital engineering groups for five or more years.

The workshop is being offered in Marlboro on August 28 and 29 and in Southern New Hampshire on October 11 and 12.

To enroll please send to INFORM::Registrar: Name, Supervisor/Manager, Cost Center, ENET, phone and M/S, Workshop Name and Date.

For further information contact Linda Ogilvie at DTN 223-7566 or MLO3-5/B39.

English as a second language offered by DME

This program is designed for Digital employees whose native language is not English. Participants will determine their needs and goals through self-assessment techniques. Through individual and small group work, participants will improve their written and spoken communication in the workplace as well as increase their command of the English language.

The first session begins on Monday, September 10 followed by 11 consecutive Monday sessions.

To register, call the Digital Management Education registrar at DTN 249-1881.

Clark University offers MBA

Clark University's Graduate School of Management (GSOM) offers an MBA Program in two locations: the Clark campus in Worcester, and at the Sheraton Inn and Conference Center in Boxboro (Exit 28 off of Route 495). Classes meet once per week, Monday through Thursday.

The following courses will be offered this fall in Boxboro: Managerial Accounting, Organization Behavior, Industrial Relations, Marketing Management, Corporate Finance, Operations Management, Seminar in Management Information Systems, Corporate Social Responsibility, and Directed Research.

Fall semester classes begin on Tuesday, September 4. Those currently enrolled in the MBA Program should expect to receive registration materials in July. Registration may be done through the mail or in person at the Graduate School of Management. Also, representatives of the Graduate School of Management will be at the Parker Street Cafeteria on Wednesday August 22 from 3:00 to 5:30 p.m. to accept registrations and advise prospective students.

For additional information, contact Louise Janhunen at (617) 793-7658, or write the Graduate School of Management, Clark University, 950 Main Street, Worcester, MA 01610. Indicate if you would like a catalogue, application or GMAT information.

COMPUTER CORNER

Find out how to cut down on computer costs by contacting the Computer Transportation Department, DTN 223-7029

Call the following DTN numbers to join these routes.

VANPOOLS

TO ACTON (AKO)/MAYNARD

From Amherst, NH, Doug Ryder DCV #63, 288-7606

TO ACTON (AKO)/MAYNARD/STOW

From Townsend, Groton, Mike Fortunato DCV #118, 223-4720

TO ACTON (AKO)/MAYNARD

From Salem, NH, Rick Jaeger DCV #138, 223-6120

TO ANDOVER/TEWKSBURY/SO LAWRENCE

From Framingham, Marlboro, Hudson, Bolton and surrounding areas via Routes 495, Brian Gordon DCV #87, 289-1075

TO ACTON/MAYNARD/STOW

From Methuen, Salem, Andover, Tewksbury and surrounding areas, Ken Noyce DCV #109, 223-3559

TO BEDFORD

From Acton, Maynard, Chelmsford areas, Ron Woolhiser DCV #113, 249-4336

TO HUDSON

From Reading, Bruce MacDonald DCV #34, 225-5336

TO MARLBORO

From Nashua, NH, Westford, Jim Mahan DCV #67, 231-4446

From Watertown, Newton, to MRO, Kevin Carey DCV #119, 231-4383

From Westminster, Ashburnham, Ashby, Pepperell, Townsend, Lunenburg, Fitchburg, Leominster to all facilities (7:00-3:30), Bill Kilgore DCV #94, 231-7184

TO MAYNARD

From Nashua, NH, Bob Cormier DCV #123, 275-6232

From Forrest Hills Station, Cleveland Circle, Route 9, (7:45-4:30), Frantz Jean-Gilles DCV #64, 223-8405

TO STOW

From Arlington, Shelley Goldfarb DCV #66, 276-9121

TO STOW/MAYNARD

From Allston, Brighton, Brookline, Newton, Terri Dedman DCV #105, 223-4286

CARPOOLS

TO MARLBORO

From S. Shore Plaza, Braintree, Howie Cheney, 231-5434

FORMING VANPOOLS

TO HUDSON (HLO)

From Pawtucket, RI, S. Attleboro, MA area, Wayne Fernald, 225-4533

TO NORTHBORO

From Watertown, Newton, Framingham areas, Cathie Ryan, 234-5390

TECHNICAL SEMINARS

This is an integrated calendar of seminars for HLO, MRO, TWO, APO, LTN, ZKO, and MLO.

Unless otherwise indicated seminar locations are as follows:

APO	Gold Room
HLO	Hall of White Mists
LTN	Cafeteria
MRO	Dec 10/20
TWO	Cafeteria
ZKO	Babbage Aud.
MLO	Mill Caf. Con. Room

APO	289-1226	ERIE::CARMEAN
HLO	225-4071	HUDSON::NACE
LTN	229-6242	PHENIX::JPOTTER
MRO	231-5097	KL1031::CSMALL
TWO	247-2643	BERGIL::SLINN
ZKO	381-1058	ZEKE::MATTHEWS
MLO	223-2905	MILRAT::WEST

Aug. 1 - 2:00-3:30 MRO

Meyer Billmers and Mark Swartwout
"AI-SPEAR: Computer System Failure Analysis Tool"
"Artificial Intelligence Mini Series"

Aug. 2 - 8:30-5:00 MLO

"A Day With Valid"
Mill Cafeteria Conference Room

Aug. 8 - 9:30-11:00 APO

State-of-the-Art Interconnect Series:
Rob Hannemann/DEC
"Physical Technology for Future VLSI Systems (Video)"

Aug. 15 - 9:30-11:00 APO

State-of-the-Art Interconnect Series:
Ann Ewalt/DEC
"Trade-off in Computer Design (Video)"

Aug. 22 - 10:00-12:00 APO

Human Factors Series:
John Whiteside/DEC
"User Performance with Command Menu & Iconic Interfaces"

Aug. 22 - 3:00-4:30 TWO

Bruce Luhrs/MKO
ETHERfix, A Network Maintenance Server"

Aug. 23 - 2:00-3:30 MRO

Alan Kotok
"Safe: Simplified Architecture for Fast Execution"

Aug. 29 - 9:30-12:00 APO

Dee Stewart, Nancy Surette, Len Beyersdorfer, Joe Madden
"Andover Design Data Management Tools"

Aug. 30 - 2:00-3:30 MRO

Meyer Billmers/HLO
"TVX: TOPS to VMX Expert Advisor"
"Artificial Intelligence Mini Series"

Sept. 13 - 2:00-3:00 MRO

D. Douglas Wilmarth/Floating Point Sys. Inc.
"Supercomputer, The FPS-164/MAX"

Sept. 19 - 3:00-4:30 TWO

Bob Twiddy/RYO
"ISDN and Communications of Tomorrow"

Labor contracts streamlined . . .

Continued from page 1

A number of vendors in this geographical area were solicited to submit requests for quotes on some 40 job classifications in the secretary/clerical, light industrial and technical job areas.

Corporate purchasing, along with personnel representatives from the major temporary labor user locations, participated in this negotiation process. A manageable number of vendors were put under con-

tract agreements with direct labor costs and markups set at a consistent and competitive level for this area. The agencies selected became part of the Qualified Vendor List (QVL) and their services can now be utilized at any Digital location.

"Purchasing handles the contracts and personnel deals with the temporary workforce in their day-to-day operations," John explains.

Navajos use Rainbows . . .

Continued from page 1

Rainbows will be used for the regular curriculum and for producing the school newspaper which has articles in both English and Navajo.

Maia Cramer, an Employee Organizational Development and Training specialist for Digital, says "The students at the Rock Point Community School are predomi-

nantly monolingual Navajo speakers at age 6 when they enter school. By the second or third grade they are learning to speak and read English. The Rock Point program develops students who are not only fully bilingual but also literate in both Navajo and English."



NEWS BRIEFS

Deadlines for 'Digital This Week'

Deadlines for *Digital This Week* have been established to help you plan events and publicity around certain editions of the paper. Deadlines don't pertain to Marketplace, which is first come, first served. The next four issues and deadlines for DTW:

Aug. 27 issue - Aug. 15 deadline
 Sept. 10 issue - Aug. 29 deadline
 Sept. 24 issue - Sept. 12 deadline
 Oct. 8 issue - Sept. 26 deadline

Advanced Development proposals needed

The Corporate Research and Advanced Development Committee (RAD) is currently seeking quality proposals for innovative projects in hardware, software and systems technology.

Any technology field is fair game. In the past, RAD has supported efforts ranging from laser drilling to the human factors of text editors.

The committee will be allocating approximately \$1.8 million during FY85 for projects. The current funding cycle requires proposals be submitted by September 20. RAD will consider proposals outside the usual funding cycle.

Anyone interested should contact individual managers or Anna Gorski, RAD Administrator at DTN 289-1825 or NUHAVN::GORSKI.

Digital Ten Pin League beginning season

The Digital Ten Pin League will be starting its 1984-85 season on September 11, 1984. The league bowls at 5:30 p.m. on Tuesday nights at Maple Lanes, Route 20 in Marlboro. An organizational meeting is scheduled for September 4 at 5:30 p.m. at Maple Lanes.

Individuals or teams interested in bowling should contact Brendan Boelke at DTN 231-2124.

Engineering Open House on August 15

The Far East Manufacturing and Engineering Group is holding a Career Open House for Digital employees on Wednesday, August 15 from 4 to 7 p.m. at the MRO3 cafeteria.

Employees interested in discussing opportunities in Quality, Test, Component and Manufacturing Engineering are invited to attend or send a resume to Rosanna Nadeau at M.O.O.

For more information, see the Jobs book or call Rosanna at DTN 231-5474.

Blood drive at LMO2

To assist the Red Cross in maintaining an adequate inventory of blood this summer, LMO2 Health Services has scheduled a blood drive on Wednesday, August 15 from 10 a.m. to 4 p.m. in the Cafeteria Conference Room.

Call DTN 279-5556 for an appointment. Walk-ins will be accepted.

Bike/foot race in Marlboro to benefit United Way

The Marlboro Employee Activities Committee is sponsoring a Bike/Foot Race to benefit the Greater Marlboro United Way. The race will be held at MRO3 on Friday, September 21 beginning at 5:30 p.m.

Employees may participate in either the 19-mile bicycle race or 6.2 Km foot race. The entry fee for either race is \$6, which is tax deductible. Free tee shirts will be given to the first 200 entrants.

In addition to racers, people are needed to help with traffic control, timing, water stops, finish line and other miscellaneous jobs.

Employees interested in participating may apply in writing to Kathy Norton at MRO2-LA/M54 by sending their name, mailstop, DTN, tee shirt size (range is from small to extra large), what race (bicycle or foot), a check for \$6 payable to the Marlboro Road Race Fund or specify what other activity (traffic control, timing, water stops, finish) you plan to participate in.

Computer Museum Store's new catalog available

The Computer Museum Store's new catalog is now available. A few items the catalog and Museum Store are featuring include designer computer jewelry, personalized greetings with computer games and paperback books.

The Computer Museum Store is part of The Computer Museum, which recently moved from Marlboro to Museum Wharf in Boston and will reopen with new exhibits on November 14.

To receive a free catalog, write The Computer Museum Store, 300 Congress Street, Boston, MA 02110.

Digital Basketball League organizing for season

The Digital Basketball League is being organized for the 1984-85 season. The league season runs from October until April. Team captains and interested individuals should contact Jim Janetos DTN 229-6411, mailstop LTN1-2/B17 and at PISTON::JANETOS for further information.

Manufacturing software symposium set for December

The 1984 Manufacturing Software Symposium will be held on December 3, 4, and 5 at the Sheraton Tara in Nashua, N.H.

This symposium, sponsored by the Software Symposium Committee, will be hosted by Paul Hale, manager of Software Engineering for Computer Systems Manufacturing Engineering in Acton.

The theme will focus on "Integrated Manufacturing Process Through Software Systems." A Call for Papers is currently being distributed.

This internal symposium will provide visibility for the increasing role of software systems in realizing manufacturing goals. Program highlights will include formal presentations, technical/user discussions and software demonstrations.

Anyone interested in presenting a paper or for more information, contact Jeannie Flynn at DTN 289-1787 or at HAZEL::FLYNN.

New service offerings available to internal users

The In-DEC Region, the field service organization which provides service to the Internal Customer, has announced several new offerings for personal computers.

Internal customers can choose the required level of support, while protecting their total system. This can be achieved by purchasing a Full System Service, Hardware only or Software Advisory Support Agreement. Customers may carry their personal computer into the local Digital Servicer.

The service offerings include: Full System DECservice, featuring hardware and software support and four-hour response; Full System Basic Service with hardware and software support and next day response; DECservice has hardware support and four-hour response; Basic Service, featuring hardware support and next day response; Software Advisory Service with software support and Carry-In Service has per call hardware support and next day response.

Literature explaining the service offerings in greater detail is forthcoming. Customers who need additional information, should contact their local field service branch office.

Sportfishing parties organized

Sportfishing parties off lower Cape Cod and Nantucket Island are being organized. Interested parties (six people maximum) should contact Employee Services and Recreation at DTN 251-1311 for costs and scheduling information.



APPLIANCES

REFRIGERATOR, Sears 20 cu ft, w/ice maker, 6 yrs old, avocado, exc cond, \$300, B/O, Judy, 286-6107

GAS DRYER, Whirlpool, top line, 1 yr old, gd cond, orig \$340, \$210, Kathy, 223-3436

ELECTRIC DRYER, Maytag, can be coin-operated, \$100, B/O, Claire, 279-5454

GAS DRYER, Whirlpool, electric start, exc cond, \$160, Sylvia, 231-4091

CARS

'83 FORD F150 PICK UP, 4x4, 4spd, hvy dty susp, AM/FM, 23Kmi, sliding rear window, \$8500, Steve, 251-1295

'81 CHEVY MONTE CARLO, 36Kmi, well cared for, drk blue, \$6500, B/O, Danielle, 229-6298

'72 PONTIAC GRANDVILLE, auto, climate cntrl, PS, PB, PW, vy gd cond, blue, \$950, B/O, Don, 282-2384

'80 RENAULT LE CAR DELUXE, 2dr, 4spd, AM/FM, 45 mpg, 44Kmi, little rust but gd cond, Mary, 251-1196

'83 HONDA ACCORD, 4dr, auto, 15Kmi, AC, velour int, blue, \$9200, B/O, John, 276-8119

'75 TOYOTA COROLLA, 2dr, 4spd, AM/FM, 30mpg, runs great, 116Kmi, some rust, \$1000, B/O, Bob, 276-8304

'83 BUICK REGAL, Granite State Special Edition, 12K mi, T-rfs, AC, loaded, \$12,500, B/O, Sherry, 277-7205

'70 PLYMOUTH DUSTER, slant 6 225 cu inch motor, PS, AM/FM, runs great, \$700, Rick, 279-5318

'74 VOLVO 142, 2dr, std shift, fuel inj, no body rot, exc cond, \$2500, John, 234-4232

'79 SUBARU WGN, 4WD, 4spd, 35mpg, lo mileage, 2nd set of tires, nds muffler, \$3000, B/O, Joe, 235-3355

'78 FORD VAN, 6cyl, std, sunrf, nds some body work, \$2450, Art, 223-3365

'73 VW SUPER BEETLE, 67K orig mi, 30mpg, no rust, no winter use, mint cond, \$2800, Donald, 223-7624

'77 JEEP CHEROKEE "S", 4x4, 4spd, PS, PB, AM/FM, 68Kmi, new paint/body, \$4450, B/O, Rob, 276-8323

'83 TOYOTA CELICA, 5spd, AM/FM, 45mpg, sunrf, rustprf, exc cond, \$7800, B/O, David, 223-5710

'82 CAMARO S.E., sport whls, 4spd, 4cyl, special edition, lots of extras, exc cond, \$6950, David, 273-3323

'82 TOYOTA TERCEL, AM/FM, rear defog, well maint, 51K mi, vinyl int, exc cond, \$4000, Pam, 283-6225

'82 FORD ESCORT L WGN, 4cyl, 4spd, stereo, 63Kmi, \$3600, B/O, Mike, 247-2542

'80 DATSUN 200SX, 5spd, rustprf, AM/FM, 4spkrs, 76Kmi, deluxe int, blue, \$4000, B/O, Paul, 223-4289

'83 CHEVETTE, auto, rustprf, AM/FM, 17Kmi, like new, \$4500, B/O, Cindy, 234-5141

'76 DODGE COLT, 4cyl, 4spd, 2dr, new carb+shocks, nds front tires+brks, 94Kmi, \$650, B/O, Steve, 251-1295

'77 NO-LONGER-NEW-BLUE-SUBARU, wgn, \$750, Anita, 251-1361

'83 LE BARON, 4dr, auto, AC, stereo, cruise, superb cond, 23Kmi, \$8650, B/O, Rochelle, 223-6810

'78 EL CAMINO, 305 V8, AM/FM, PS, PB, AC, rally whls, 47K orig mi, posi-traction, \$3500, B/O, Lou, 276-8428

'82 GLX ESCORT, cruise cntrl, AC, AM/FM, 23Kmi, maroon, \$5000, B/O, Peter, 279-5466

'52 GMC PICKUP, classic, body solid, surface rust, eng nds work, \$1000, B/O, Steve, 231-7548

'75 AMC HORNET, rusted, mech gd cond, std shift, 6cyl, AM/FM, runs well, \$350, Joe, 234-4021

'72 FORD WAGON, V8, Calif car, little rust, clean, one owner, 90Kmi, \$1000, Larry, 231-4439

FURNITURE

LIVING RM TABLES(2), solid maple, 1 cocktail-1 end table, exc cond, \$125ea, Ann, 223-6951

BED, early 1800s, full sz, cherry, 4-poster, turned posts, beautiful cond, \$600, Lorraine, 251-1108

TABLE/DESK TOP, butcher block formica top, ideal for desk top, \$45, Pat, 223-5418

BOX SPRING + MATTRESS, twin sz, like new, \$75; twin bed frame, \$10, Marcia, 231-5791

WATERBED, qn sz, ponderosa pine, colonial, 6drawer pedestal, bkcase hdboard, \$200, Ginny, 231-7341

END TABLES, pair of pecan end tables, commode style, on pedestal, \$40ea, Carille, 231-5701

ANTIQUA DESK, Victorian, 100yrs old, black walnut, hand carved, show rm cond, \$225, Bob, 225-4658

MISCELLANEOUS

COLECOVISION GAME, w/turbo expansion module, 4 video games, \$200, Nanci, 223-8323

TIRE, Fulda Y2000 steel radial, 185/60 HR-13, \$25, Bob, 231-4740

RABBIT COAT, full length, sz 9, tan, worn twice, exc cond, \$200, B/O, Susan, 276-9378

STEREO AMPLIFIERS, pair of Apt Model 1, 100watts per chnl, \$500ea, \$900 for both, Bob, 247-2285

STEREO, Yamaha AM/FM rcvr, 45watts per chnl, vy gd cond, \$250, Peter, 247-2282

PA SYSTEM, 4chnnl, A+B plugs, 2spkrs, \$450; ACOUSTIC GUITAR, Ovation, internal pickup, \$400, Leo, 236-2409

ATARI SYSTEM, joy sticks, minimum use, w/7 ctrdrgs, \$150, Jackie, 278-4044

SCREEN HOUSE, 10 panel Casita screen house, new roof, \$235, Robert, 276-8215

SEARS BETA VCR, front loading, 2wk-8program memory, slo mo, orig \$550, 3mos old, \$375, Karen, 279-5040

VT05a(2), semi-working, gd for parts, best offer, Linda, 231-4539

MAZDA GLC RIMS, w/mounted snow tires, not radials, used 2 seasons, \$60, Dan, 232-2581

WOOD BURNING STOVE, all nighter, air tight, heats 3-4rms, 2spd blower, \$250, Lou, 282-2134

MOVIE CAMERA+PROJECTOR, by Chinon, w/zoom lens, uses Super 8 film, almost new, \$200, Eric, 223-2208

WOOD STOVE, Waterford 102, black porcelain on cast iron, 45K BTU, 2000 sq ft, 26" logs, \$450, Dan, 288-6372

ROBIN VT180, 4 disk drvs, standard software, perfect cond, \$1199, Steve, 231-5553

VIVITAR ZOOM, 70-150 f3.8, compact, Tx mount, Fujica screw adptr, case, filter, hood, \$80, Chris, 235-3595

FUTURA HEALTH + RACQUET CLUB, 14mo membership, Framingham, \$210, Mary, 237-2341

RABBIT COAT, brown, fox tail collar, mid-length, sz 9/10, worn twice, \$100, B/O, Sherryl, 277-7205

MOTORCYCLES

'81 HONDA XR-500, Pro-Link Enduro, 2000mi, 4stroke, new sprkts, chain+rear tire, \$1300, Lori, 231-4359

'80 YAMAHA MAXIM, 4cyl, shaft drv, exc cond, \$1800, B/O, Paul, 225-4181

'77 SUZUKI 550GT, lo mileage, new tires, just tuned, exc cond, dark blue, \$800, Bill, 226-7283

'72 HONDA CB350, 17Kmi, eng re-blt by dealer 3Kmi ago, exc cond, \$500, Gary, 223-1356

'83 HONDA 650 NIGHTHAWK, brand new, mint cond, 3800 mi, candy red, \$2400, Brian, 223-4342

'77 KAWASAKI KZ400 D4, fair cond, \$400, B/O, Lee, 381-2328

PETS

GERBILS, 2 black gerbils w/cage, free to gd home, Linda, 236-2650

REAL ESTATE

HARVARD, 4bdm, lg fam rm+living rm, 1 1/2bath, 4.2 acres of tall woodland, \$140K, Julius, 223-6039

RECREATIONAL VEHICLES

ALUMINUM BOAT, 12 ft, w/ 9.8 Mercury engine, exc cond, \$525, Joe, 234-4021

SAILBOAT, Alcort Sailfish, \$125, Laurie, 223-7500

'83 SHASTA CAMPER TRAILER, pop-up, slps6, sink, dinette, used 1 season, \$2800, Trisha, 288-6697

SAILBOAT, Catalina 30, loaded, immaculate, \$29.9K, Terry, 247-2139

BOAT, 17.5 Cresliner outboard, 65 HP Merc, trailer, older but runs well, \$3300, Malcolm, 273-3337

RENTALS

CONDO-TIMESHARE, Lake Winnesquam/Gunstock, slps6, pool, golf, wk/long wk-end, \$400, B/O, Faith, 223-7725

APT, Clinton, brand new 2bdm, carpet, dshwhr, security sys, \$460/mo, Ken, 276-8280

HOUSE, Martha's Vineyard, 3bdm cape, lg deck+patio, waterbed, 8/27-8/31, \$320, Dan, 225-4279

HOUSE, Harvard, 3bdm, 1870 farm house, 3car gar, 1 1/2 bath, 10mo lease, \$1100/mo, Karen, 249-1795

HOUSE, Acton, 5bdm colonial, furn, family area, fully appl, 2 car gar, \$1500/mo-utills, Sandy, 225-6701

FURN APT, Billerica, bdrm/LR combo, sm kitch, priv ent, off-st prkng, \$350/mo, utills inc, Ann, 249-4676

ROOMMATES

MALE, mid 20s, prof, furn 2bdm Boxboro apt, \$210 utills, Karen, 223-3185

FEMALE, share 3bdm w/2 females, Newtonville, \$227 + utills, avail Sept 1, Joan, 283-6293

M/F, mature 30s, prof, non-smoker, lrg Victorian in Natick, \$300/mo, Gretchen, 259-3907

M/F, 30+, prof non-smoker, share house in Nashua, \$300/mo + utills, Bill, 247-2849

SPORTING GOODS

WEIGHT BENCH & WEIGHTS, Sears dble leg lift bench, 2 wght sets, curl+triceps bars, \$100, Peter, 275-6104

BIKE, women's 19" Huffy 3spd, hardly used, exc cond, B/O, Barbara, 251-1672

BIKE, mens Columbia 10spd, 26", hardly used, \$95, B/O; WEIGHT-TRNG WEIGHTS, Sears, \$25, Patty, 249-1845

TOURING BIKES, mens and ladies Rampar (Raleigh) 3spd, hardly used, \$50ea, Bart, 276-9171

BACK PACK, Tough Traveler back pack, internal frame, exc cond, orig \$79, \$45, B/O, Cindy, 223-6448

BIKE, boys 10spd, blue, brand new, \$150, Rhonda, 223-8276

SCUBA GEAR, tank, 1 single hose volt reg, 1 dble hose volt reg, suit, gages, \$600, Ed, 223-7694

WANTED

DOG HOUSE, for 60 lb setter, or info on where to buy, Linda, 276-9856

APT, in Hudson, Ma, quiet 1bdm, up to \$450/mo, heat inc, Bob, 279-5357

PRINTER, LA34-AA w/tractor, \$250, or LA100-CA w/tractor, \$675, Dave, 223-4060

BICYCLE, Raleigh "Sports", 3spd, mens or womens, J111, 232-2334

MATTRESS + BOXSPRING, double sz, in gd cond, Katy, 232-2599

APT, 2 clean M non-smokers need 1-2bdm apt, by Sept 1, Armen, 223-7227

Women nominees needed from Digital for YWCA Leadership Luncheon

For the fifth year, Digital is participating in the Leader Luncheon of the YWCA in Natick, where women are recognized for their leadership and achievement in business



Digital's Ferdie McDowell, Corporate Purchasing, was selected as "The Most Outstanding Woman of the Year" in 1983 by the Natick YWCA.

and community service.

Women from Digital have been named "The Most Outstanding Woman of the Year" for the past two years. Ferdie McDowell, Corporate Purchasing, was selected in 1983 and will be the chairperson of this year's event at the Sheraton Tara Hotel in Framingham on November 15 from 12-2 p.m.

Digital groups are asked to nominate candidates from the company who they believe best represents leadership and achievement in business and community service. Nominees from all ethnic and racial groups, should be involved in management, labor and/or support areas of groups within Digital. In addition, they should work or live in the service area of the Natick YWCA which includes the communities of Natick, Framingham, Wayland, Ashland, Sherborn, Dover, Needham,

Wellesley, Weston, Hopkinton, Holliston, Medfield, Millis, Sudbury, Southboro, Milford, Bellingham, Westwood, Hopedale, Marlboro, Hudson, Franklin, Norwood, Norfolk, Walpole, Sharon, Westboro, Waltham, Newton.

Guest speaker at the luncheon will be Shirley Chisholm, former Congresswoman from New York City and faculty member at Mount Holyoke College.

As has been done in the past, Digital groups nominating candidates will be expected to purchase a sponsor's table and have managers from the nominees' organization attend the event. The cost of a sponsor's table is \$500 and tax deductible. Special mention contributions may be made in \$300 and \$100 amounts.

For more information and nomination forms, contact Laura Morris, Urban and Social Affairs consultant at DTN 251-1387.

Graduate courses and registration information for Worcester Polytech

Worcester Polytechnic Institute will be offering graduate courses in Computer Science and Electrical Engineering at the Acton/Boxboro High School this fall. Courses scheduled to be offered during the fall '84 semester are as follows:

- CS 508 **Computer Science Programming Practicum (Tue.) Prof. Sanati**
- CS 542 **Database Management Systems (Wed.) Prof. Becker**
- CS 544 **Compiler Construction (Thu.) Prof. Lemone**
- Electrical Engineering**
- EE 505 **Computer Architecture (Mon.) Prof. Green**
- EE 572N **Advanced System Architecture (Tue.) Prof. Gannon**

Fall semester courses will start on Wednesday, September 5 and registration may be completed at Maynard on Thursday, August 23. Courses are open to all interested participants and may be used in completion of the M.S. Degree at WPI, transferred elsewhere, or taken to improve background in any of the areas mentioned. A special tuition rate for those who wish to audit a course is available in addition to normal credit registration.

Minimum requirements for the M.S. Degree at WPI is 30 semester hours of credit. The M.S. in Electrical Engineering may be earned through a course-only program, in addition to a thesis or directed research program. The Computer Science Degree may also be earned through a non-thesis as well as a thesis program of study. Those interested in participating do not have to be admitted to graduate study prior to registration. Course offerings have been planned such that over a period of time degree requirements may be completed through attendance at classes offered in the Maynard area.

Registration for the fall semester will be conducted at the Parker Street cafeteria from 10:00-12:00 and in the Mill cafeteria from 1:30-3:00 on Thursday, August 23. Prof. Robert J. Hall, Director of Continuing Education and representatives from the degree departments will be available for consultation. Questions as to general program information as well as admission requirements and individual course details will be answered at these sessions.

Tuition for the fall semester is \$220 per credit hour or \$660 per 3 credit course.

New offerings from Ed Services seminars

End-User computing and fourth generation languages

Fourth generation languages are able to provide from five to twenty times faster information access to assist end-users to obtain desired output results and make better utilization of available information. Professional development personnel may also make use of fourth generation languages to enhance their ability to configure, define, and deliver applications products in less time with more flexibility. This seminar will provide a survey of the current capabilities in fourth generation languages and will concentrate on the methodologies for successfully implementing and operating such products.

The seminar is primarily oriented to computer knowledgeable end-users and professional systems planners. Experience of two to three years in systems development activity should be adequate for participation in this program.

Employees and customers may attend the seminar "End-User Computing and Fourth Generation Languages" (EY-2341E-SO) to be held in the Boston area at the Hyatt Regency Cambridge, September 26-28. To register contact the Seminar Programs Registrar at DTN 249-4949 or 617/276-4949.

The audit rate is one-half the credit rate. Additional registration opportunities will be available on the WPI campus on August 27 (for formally admitted students only) and August 28 & 29 in Olin Hall, Room 107 from 6:00-8:00 PM for those unable to attend the August 23 session. Registration may also be completed by mail and tuition may be paid by MasterCard /Visa. Evening catalogs which describe the WPI offerings for the current academic year including course descriptions may be obtained from Ursula Matson (PKO3-2/17B, 493-0924).

Structured Systems Design

As users clamor for more and more systems development, many data processing departments are placing greater emphasis on the "front end" of the systems development cycle. Efforts are optimized when systems are thoroughly analyzed and appropriately designed at the beginning of the project. This seminar presents time-honored analysis techniques for improving analysis efficiency.

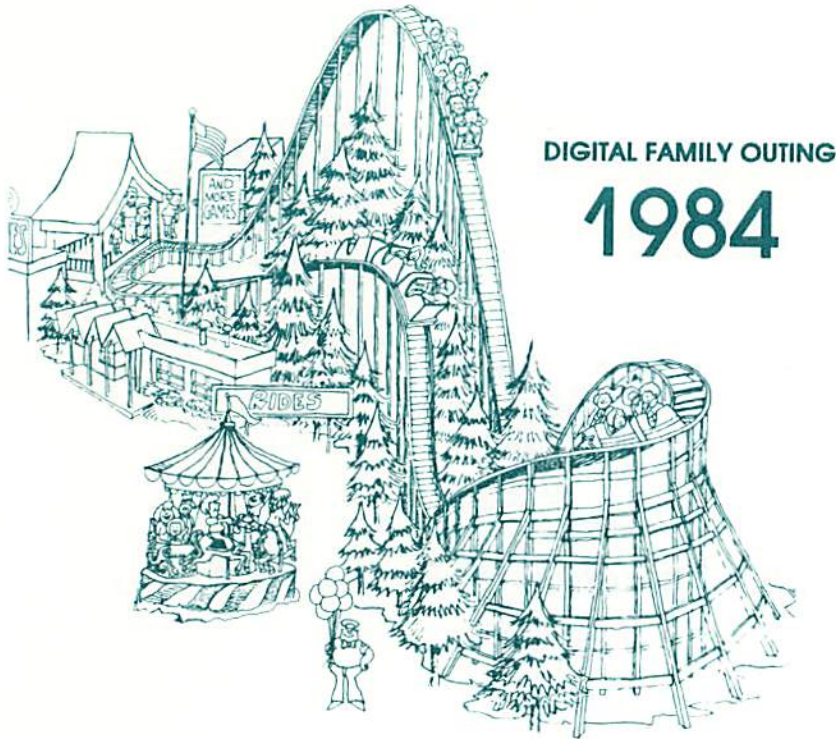
Topics include:

- front-end planning,
- problem definition,
- analysis and documentation of existing systems,
- data flow diagram techniques,
- data structures, and
- an approach to systems requirements definition.

This seminar is a companion to the seminar "Structured Systems Design."

The Boston area offering of "Structured System Analysis" (EY-2337-SO) will be held at the Parker House, September 10-12. To register or obtain information please contact the Seminar Program Registrar at DTN 249-4949.

Dates set for Canobie Lake Park outings



It's time again to plan for Digital's annual employee outings at Canobie Lake Park in New Hampshire. As in past years, a childhood dream comes true with a day of free rides, games and food for employees and their families.

This year, nearly 70,000 people are expected to attend Digital's outings which begin Sunday, September 9 and continue for five consecutive weekends.

With the number of attendees growing each year, Corporate Employee Services and Recreation asks employees to request **only** the number of tickets to which they are entitled. Married employees are entitled to tickets for their spouses and dependent children. Employees who are single parents may bring their children and one adult guest, and single employees may bring one guest.

Employees will be required to show their badge and tickets as they enter the park. Minor children (17 years old and under) must be accompanied by an adult with a badge.

About four weeks prior to the date of your outing, you will receive a registration form to obtain tickets. For more information contact your outing manager as listed below.

Digital Family Outing schedule for 1984

Sunday, September 9 — Parker Street (PKO1, PKO2, PKO3), Waltham (WAO), Stow (OGO), Westford (WJO), Providence, RI (PVO), Somerville (BNO), West Concord (CFO1, CFO2), Sudbury (VGO).
Outing Manager: Betty Daigle DTN 223-9910

Saturday, September 15 — Salem, NH (NIO), Chelmsford (ICO), Nashua, NH (ZKO), Contoocook, NH (DOO)
Outing Manager: Krista Clement DTN 261-2455

Sunday, September 16 — Merrimack, NH (MKO), Hudson, NH (HDO, QLO, UHO), Manchester, NH (MHO), Nashua, NH (NMO, NNO, NPO, NQO, NUO, NXO, NHO, OWO)
Outing Manager: Susan Michaels DTN 264-5599

Saturday, September 22 — Westminster (WMO), Shrewsbury (SHR), Natick (NAO)
Outing Manager: Bonnie Steadman DTN 241-3698

Sunday, September 23 — Woburn (WOO), Burlington (UFO, OFO, FPO, BRL, RMS), Wilmington (ZWO), Salem, NH (NSO), Lowell (LWO), Bedford (BUO), Billerica (BKO), Salem, NH (IMM), Burlington (BRL, RMS)
Outing Manager: Eva Allen DTN 261-3480

Saturday, September 29 — Andover (APO), Littleton (LJO, LTN), Tewksbury (TWO), Lawrence (VWO), Southboro (HYO), Weston (RIV)
Outing Manager: Lou Welcome DTN 289-1205

Sunday, September 30 — Hudson, MA (HLO, USO), Acton (AKO), Littleton (LKO), Marlboro (LMO), Westford (WVO)
Outing Manager: Jan Rodil 225-6131

Saturday, October 6 — Mill (MLO, BGO)
Outing Manager: Holly Powderly DTN 223-5402

Sunday, October 7 — Marlboro (MRO), UPO, MOO, BPO), Franklin (FXO)
Outing Manager: Marilyn Perry DTN 231-5208

Saturday, October 13 — Northboro (NRO), Boylston (BYO, HRO), Hudson, MA (HUO), Westboro (WZO), Worcester (WCO)
Outing Manager: Maureen Letendre DTN 234-4424

Sunday, October 14 — Acton (ACO), Boston (BOO, BXO), Westboro (YWO), Concord (VRO), Waltham (FJO), Auburn (FIO), Bedford (HNO), Maynard (MSO), Acton (RGA), Holyoke, (WDO), Harvard Business School (XEO)
Outing Manager: Sylvia Hill 281-5614

DME: Enterprise Engineering has a new focus

In response to the increased competitiveness of Digital's market environment and the ever increasing complexity of Digital's organizations, the Enterprise Engineering course, offered by Digital Management Education, has developed a new course format.

The new format provides more in-depth analysis to assist middle and senior-level management to better understand how the key parts of their organizations work. Aimed at managers with product responsibility from Manufacturing, Engineering, Customer Services, Finance and Marketing, the course provides a focus on the key business issues currently facing those responsible for the design and delivery of products to market.

In the new course format, participants devote half of the four-day course applying comprehensive computer models to actual issues - shedding light on real problems

and developing and evaluating alternative solutions. These models, developed for Digital, accurately depict the internal functions of and interactions between Engineering, Manufacturing and Customer Services as well as the influence of Marketing and Sales on the life cycle of products and organizations.

In the June course offering, the new problem-focused format was used and some of the problems addressed included: development of a method for evaluating alternative strategic investment opportunities in disc drives and the role of the "Not Invented Here Syndrome" in Digital and its possible influence in stretching time-to-market.

To enroll, call Digital Management Education at DTN: 249-1881/1882. For additional information on Enterprise Engineering, contact Jon Schwabach at DTN: 249-1414 or at VISHNU::SCHWABACH.