Nova News, February-March 1983

Nova University

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Nova University alumni afforded rare educational opportunity

by Vivian Johnson

Nova University’s philosophy that education is a total experience—one which does not begin and end with the classroom—was never more evident than in Washington, D.C., this past November when the Nova Alumni Association and the Brookings Institution presented their second annual seminar on public policy. This four-day seminar was designed for alumni and students of the doctoral programs in business and public administration. It brought participants from across the country face-to-face with some of the nation’s currently critical issues and with a number of people responsible for interpreting them to the American public.

This program was the creation of Dr. John Clarke, former Director of Nova’s Center for the Study of Administration, and Mrs. Toni Steinberg, assistant to the director of the Nova University National Alumni Association. Dr. Clarke’s close ties to the national political community, a result of a long career with the Congressional Budget Office, combined with Mrs. Steinberg’s organization and knowledge of the alumni body resulted in another successful educational venture for the University.

Dr. Don Borbee, doctoral candidate in the business program, described the seminar as “a plus to learning and understanding the political arena.” Borbee, assistant professor of business at Mercy College in New York, said, “I have been to many seminars in my professional career, but this experience at Brookings was unique.”

Basketball bounces to Nova

by Matthew Hartfield

College basketball has bounced its way into Nova University. At the beginning of this school year (1982-83) Nova became an associate member of the National Collegiate Athletic Association (NCAA), and on November 20 the team played its first intercollegiate game of its first intercollegiate season.

Charles Kuralt, left, visited the University recently and is seen here with Dee Woodbery, manager of Community Relations at American Express and a corporate sponsor of the Executive Council Breakfast Forum and the Wednesday Luncheon Forum.
News From the Family Center

Alice in Wonderland playground

Workshop slated

A special workshop, The College Selection Process — Meeting Your Personal Needs, is being sponsored by the Family Center of Nova University at 7:30 P.M., March 1, in the auditorium at the Mailman Hollywood Building. All Broward County college-bound high school juniors and their parents are invited to attend.

The workshop will be conducted by Mr. Jim Byer, Principal of Pine Crest Upper School and Mr. Larry Eckel, Director of College Counseling, Ramson Everglades Private School, who have had years of experience in advising college-bound students and have an intimate knowledge of the academic programs, admissions criteria, and procedures of the major universities, as well as the small select colleges in the United States.

Beginning on March 1 Mr. Byer and Mr. Eckel will direct a college counseling service at the Family Center. This two-year service begins in the student’s junior year of high school and continues until the college application has been completed. It will include:

1) an in-depth interview with the student and his or her parents to determine the student’s abilities, interests, needs, and special talents
2) assessment of the student’s academic potential based on school records and test performance
3) selection with the student and parents of a pool of colleges and universities that meet the needs of the students
4) assistance in the preparation of college application forms and review of the completed applications

Students interested in obtaining more information on scheduling an appointment may call The Family Center 473-7670.

On December 21 a special luncheon was held for 35 donors who contributed to the Family Center’s Playground Fund in honor of Mrs. Alice Mailman’s 85th birthday.

Following a tour of the Family Center conducted by Dr. Wendy Max, grand-daughter of Alice Mailman, a dedication ceremony was held on the Alice in Wonderland playground. Dr. Alexander Schure discussed the contributions to Nova University of the Mailman family and their friends. Marilyn Segal described the layout of the Alice in Wonderland playground and explained the purpose of the different “playscapes.” According to Dr. Segal the playground is appropriate for very young and handicapped children. It has been designed to develop motor skills, to promote imagination, and to encourage cooperative play. The play structure purchased through the playground fund is a large stationary truck that will accommodate up to twelve children. It is a perfect structure to encourage cooperative play; because the more the children play on it, the more it bounces, and the more fun the children have.

At the end of the dedication ceremony, Dr. Fischler presented Alice Mailman with a special plaque with the following inscription:

In celebration of your birthday and your love for children, your special friends in Hollywood, Florida, have donated to the Alice in Wonderland playground at the Mailman Family Center of Nova University. Your love, your caring and your capacity for giving of yourself have meant so much to so many.

Family Center provides variety of services to community

The spring thrust of the Family Center is to reach out into the community and provide services for special needs children. Several corporate and private contributions to the Family Center have made it possible to institute three new programs:

1) Project Home Stretch: School-age children with special needs are serviced within the school system in accordance with 94-142. Although the services provided by the system go a long way toward helping children reach their academic potential, it cannot meet the total programmatic needs of a family with a special child. Project Home Stretch provides a counseling and training program, for families, for increasing the coping skills of the family and augmenting the educational and developmental components of the school program.

2) Super Track Special: Head Start teachers throughout Broward County are able to identify gifted, low, income and minority children within their classes. Because of their experiential background, these children frequently fall below the cut-off score for gifted classes and miss the opportunity of extra enrichment through the school system. By providing a special language enrichment program for gifted Head Start children the Family Center expects to raise test scores on the verbal subscales. The ultimate objective of Super Track Special is to provide a creative experience for young, talented minority children and to increase the number of minority children eligible for gifted programs within the school system.

3) Saturday Morning Drop Off: Through this program working parents are able to provide a special treat for their toddlers and preschool children and also have time to take care of their own errands. Families enrolled in the Drop Off program spend a half-hour participating in activities at the Family Center with their child and have two hours “errand time” while their child continues to enjoy a Family Center program.

In addition to these new projects, the on-going programs at the Family Center continue to grow and prosper.

Super Marks, with its new computer capability, provides a precision teaching program on an after-school basis for learning disabled children. Recognizing that getting homework done is often a problem for L.D. (learning disabled) children, Super Marks now offers an extended program with a supervised homework option.

Ring-A-Round: With the help of special donations from the Sam Miller Trust, J. S. Mailman, and Gulfstream, Land Inc., the Ring-A-Round program for developmentally delayed children is fully operational.

Alice in Wonderland Playground: The Alice in Wonderland Playground gets more exciting day-by-day. It now has a complete Service Station and Car Wash, thanks to the Cherokee Shell Service Station which donated miniature gas pumps. A MacDonald’s has donated a large stationary truck for young, handicapped children. Recognizing that getting homework done is often a problem for L.D. (learning disabled) children, Super Marks now offers an extended program with a supervised homework option.

Family Programs: Over four-hundred-and-fifty families are enrolled on a weekly basis in the family programs for infants, toddlers and preschoolers. Saturday morning classes are now available so that working parents can have the opportunity to participate.
Florida Derby Ball chairmen announced

Traditionally the Florida Derby Ball is held in conjunction with the Florida Derby at Gulfstream Park and benefits Nova University. Perennial chairmen, Mr. and Mrs. Robert A. Steele (Millievent) have announced that the Ball is set for Wednesday, March 2, 1983. The oldest racing ball in South Florida, which attracts guests from Florida’s Gold Coast in Broward, Dade, and Palm Beach Counties, will be held at The Diplomat Hotel in Hollywood.

General chairman is Mrs. Francie T. McCain (Mary Jane), and co-chairmen for the gala event are Mr. and Mrs. Marshall B. Lytle II (Mary Jane). Hostess co-chairmen are Mrs. Thomas M. Clark (Midge) and Mrs. Betty Mayhew Watters; invitations co-chairmen, Mrs. Donna L. Cazo and Mrs. Chester L. Reci (Ina); music chairman, Mr. and Mrs. Jack P. LaMarr (Paula); decorations Dr. and Mrs. Carmen A. Pacuola (Kathleen); reservations, Mr. and Mrs. Marshall B. Lytle II (Mary Jane); menu, Dr. and Mrs. David S. Johnson (Journey); program, Mr. and Mrs. Carl Lee Mayhew (Fern); advertising, Mr. and Mrs. F. Ronald Mastriani (Debbie). Area chairmen are: Boca Raton, Mr. and Mrs. Jack L. LaBonte; Fort Lauderdale, Mr. and Mrs. Louis W. Witt (Sue); Hollywood, Mr. and Mrs. Sheldon J. Schlesinger (Bobbe); Miami, Dr. and Mrs. Stanley P. Silverblatt (Maxine); Palm Beach, Mr. and Mrs. Donald R. Ford (Journey).

The Florida Derby Ball planning luncheon was held Thursday, January 13, for the first time at Gulfstream Park in the Turf Club Friendship Room. To add to the excitement of pre-ball plans, the management of Gulfstream invited all the committees to attend the races.

Nova University president, Dr. Abraham Fischer, attended the luncheon and greeted the guests, as did Douglas Donn, president of Gulfstream Park.

Marshall and Mary Jane Lytle have underwritten the Marshall Grant orchestra for the evening. The black tie affair will begin with strolling violins during the cocktail hour at 7:30 p.m. Dinner will be at 8:30 p.m. Tickets are $150 per person. Tables of 10 are already being reserved for the evening. For further information call 475-7425.

Research Grants Received

The following research contracts and grants have been awarded to the Oceanographic Center during recent months:

- P. Kundu: "Dynamical Studies of Turbulent Flows in the Ocean". National Science Foundation: $61,000.
- S. Y. Chao: "Mesoscale Models of Western Boundary Currents". National Science Foundation: $70,600.

New graduate degree in Energy Management offered at New York Institute of Technology...

A master of science degree in Energy Management is slated to begin in the spring of 1983 at the New York Institute of Technology in Old Westbury, New York. The program is made available through the NYIT Center for Energy Policy and Research (Edwin F. Shelley, director, and Dr. Gale Teren Spak, deputy director).

New York Institute of Technology, in keeping with contemporary offerings, is providing this unique opportunity for professionals to obtain knowledge and skills required for advancement to the highest levels of corporate and governmental management in a field which will continue to expand throughout the rest of this century. With projected expenditures of more than $35 billion per year during this decade for energy efficiency equipment, management systems, resource recovery plans, and cost-effective alternative systems, there is a growing need for energy managers conversant with business management and energy technology to fill executive positions in corporate and governmental organizations.

According to Mr. Shelley and Dr. Spak, objectives of the center's graduate program are aimed at preparing professionals toward the most up-to-date knowledge in the new field of energy management and to equip such professionals with the interdisciplinary skills necessary.

Courses begin in the spring of 1983 and will be offered in flexible evening and weekend formats at the college's campus in Old Westbury, L.I. Business management or engineering background is desirable but not necessary. Tuition is $110 per graduate credit. Students may qualify for financial aid, scholarships, and trainee ships. Complete details and registration information may be obtained by contacting the Center for Energy Policy and Research, New York Institute of Technology, Old Westbury, NY 11568. Telephone: 516-686-7578.
Accolade for the Community College Program

Jura B. Vasiliscans, Ed.D. '79, professor of biology, College of DuPage, Glen Ellyn, Illinois, writes, "Over three years have gone by since I received my doctorate in education, and now I am in a position to evaluate the program. I could not have made a better choice."

"The program has expanded my horizon in the area of teaching methods, understanding human nature, college governance, and critical thinking. Through the program I had the opportunity to meet directly, or through literature, the best educators in their field."

"Because of the knowledge and self-assurance I have acquired, I have served and chaired numerous committees, improved my style of teaching, and been able to contribute to the college and community. Soon I will be publishing a third edition of Histology Study Guide, which was greatly improved because of the knowledge I gained during the Ed.D. program. The practicums dealing with peer teaching, sabbatical leave, and the development of individualized instructional modules, were published, and the information was shared at our school as well as with others. I recently conducted a successful in-service day workshop entitled, "Approaching the Individual Students in a Multi-Student Classroom Situation, Utilizing Modified Mastery Learning and Peer-Teaching Methodology."

"I would like to extend my appreciation to you, Dr. Moreton, (Dir. of the Community College program) for the opportunity to be a part of such a wonderful educational program."

Publications and Articles

The Key Role of Middle Managers, an article written by ROBERT C. PRIZZIO, DFA '77, appeared in the publication, Sources, summer edition. Dr. Prizzi is manager of corporate staff development at American Savings and Loan Association of Florida.

ON THE STATE LEVEL

ELIZABETH J. LUNDGREN, Ed.D. '75, vice-president for the medical center campus of Miami-Dade Community College, assumed her seat on the Florida Board of Bar Examiners November 1, 1982.

The second non-lawyer appointed to the Board since its creation in 1955, Dr. Lundgren will serve through October 31, 1985. The Board is being expanded to include 12 lawyers and three non-lawyers by November, 1983. Appointments to the Board are made by the Florida Supreme Court.

In addition to her position at Miami-Dade Community College, which she has held since 1974, Lundgren serves as a member of the Commission on Colleges of the Southern Association of Colleges and Schools, National Advisory Council for Nursing of the American Association of Community and Junior Colleges, and the American Council on Education's National Identification for Women.

She has also served on the Board of Directors of the American Society of Allied Health Professionals and is past-president of the Florida Division of the American Society for Medical Technology.

JOHN J. YOUNG, Ed.D. '78, is principal of the Stone Elementary School in Addison, Illinois, one of 16 schools selected by the Illinois State Board of Education to serve as a demonstration site in the establishment of a Teacher Assistance Team (TAT) network throughout Illinois.

TAT is a system for supporting regular classroom teachers on a day-to-day basis within a building. The team is composed of four elected teachers, plus the teacher requesting assistance.

The purposes are: 1) to help teachers individualize instruction to meet the needs of all students — normal, handicapped, or gifted; 2) to serve as a within-building peer problem solving group; 3) to support teachers in mainstreaming handicapped students; and 4) to provide an efficient pre-referral screening for special education services.
on International

REGION I

Lois Z. Crooka, Ed.D. '76, recently received three honors from Pensacola Junior College: (1) Appreciation Award for 25 years of service (1957-1982); (2) Promotion to full professor of Business Education, and (3) sabbatical leave for the academic year 1982-83. Dr. Crooke is doing further study in microcomputers and word processing.

She was a panelist/speaker on the topic “The Rise and Fall of Academic Standards” as part of the faculty commission presentation “Faculty Perceptions of the Role of the Community College in the Coming Era,” given on Friday, November 19, 1982, at the annual convention of the Florida Association of Community Colleges in Jacksonville.

Donald E. Jones, DPA '80, has been appointed executive director of the District One Mental Health Board, Inc., for Northwest Florida. The District Board plans, coordinates, evaluates and funds mental health, alcohol and geriatric programs. Dr. Jones was formerly the management systems director with the Department of Health and Rehabilitative Services in district one and is the immediate past president of the Gulf coast chapter of ASPA (American Society of Public Administrators).

Robert C. Preziosi, DPA '77, has been appointed vice-president of staff planning and development at American Savings and Loan Association of Florida. Dr. Preziosi will be responsible for operations training, management development, employee development, and staff planning.

American Savings, with assets currently exceeding $2.3 billion, is the third largest savings and loan association in the state of Florida and the 26th largest in the United States.

REGION II

William J. Lambert, Jr., DPA '79, was recently selected for promotion to the grade of commander, medical service corps, U.S. Navy. Commander Lambert is presently assigned to the Office of the Assistant Secretary of Defense for Health Affairs, the Pentagon. He is deputy director of the civilian-military contingency hospital system.

Dr. Lambert also recently received a 1982 Freedoms’ Foundation Award. The award was presented in a ceremony at the national capitol building in Washington.

Robert L. Schmelz, MS '82, has been selected for active duty with the United States Navy as security director for the USS Guadalcanal, LPH-7. Schmelz plans to leave his civilian position with the chief of police staff, special investigative unit, in Virginia Beach, Virginia. He will have the responsibility for all security matters for the ship.

Charles J. Cunningham, DPA '76, has been promoted to Major General and is director, Office of the Deputy Chief of Staff for Programs and Resources, Headquarters US Airforce.

Michael O. Ryan, DPA '78, has been promoted to Lieutenant Colonel, Office of the Secretary of the Air Force, Office of Space Systems, the Pentagon.

REGION III

F. Joseph Thomas, DPA '80, has been appointed assistant dean of the College of Management Science of the University of Lowell. The College has approximately 1200 undergraduate business students, and 250 students in its MBA program.
President and Mrs. Abraham S. Frankel, welcomed members of The President's Club and Gold Key to a festive affair at The Clubs of Inverrary to celebrate the holiday season. Dr. Gordon W. Smith, Executive Director of the Commission on College for the Southern Association of Colleges and Schools, was the featured speaker. Members of the President's Club were honored and recognized with a presentation of a plaque and new members of Gold Key were presented with their membership pins.

The cocktail hour and dinner provided Dr. Fischer with the opportunity to say “thank you” personally to members of the President's Club, donors who have made contributions in excess of $50,000 to the University, and to welcome new members of Gold Key who provide the University with scholarship funds of $1,000 or more annually. Dr. Fischer introduced Dr. Sweet, who following his talk, was presented with the “Trustees Award” by Mrs. Mary McCahill, Chairman of the Board of Trustees and a member of the President's Club. Chancellor Alexander Schure, also a member of The President's Club and Gold Key, gave a special welcome to those present and spoke of the future of education in areas of high technology.

Dr. Fischer described those present as “people who have made a difference because they have given their vision and energy, their creativity, and their commitment to others.” Members of the board of trustees who attended were James Farquhar (Chairman Emeritus), Robert A. Marshall B. Lytle II, August Romero, and members of the President's Club and Gold Key, gave a special welcome to those present and spoke of the future of education in areas of high technology.

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**I.C.S. Cooperates with South Florida Water Management District**

Faculty and students of the Institute of Coastal Studies are cooperating with the South Florida Water Management District in a vegetation survey of coastal wetlands near the C-111 canal, a flood control canal located near the parkland of The Everglades National Park in Dade County. The South Florida Water Management District provided a passenger helicopter, airboats, and support personnel for this survey. The Institute provided the scientific expertise of Dr. Charles Finkl, director of the Institute and a Certified Professional Soil Scientist, and with the able assistance of Georg Sandin of the U.S. Soil Conservation Service, the students were shown the differences between some common Broward County soils. A recent field trip to wetlands in western Broward provided experience with the Lauderhill, Margate, Pompano, and Poinciana soil series. The use of a hand auger was demonstrated and students were encouraged to make their own soil cores. A code of ethics for field work was stressed — entry permission was required from property owners, auger holes were refilled, and gates were closed. A soil sample, for reference in the classroom, was removed by inserting a clear plastic core barrel.

The value of soils information to coastal planning, construction, and development was pointed out. The Institute is primarily concerned with training marine and land managers to look at areas in terms of interconnected ecosystems. Field work gives I.C.S. students a better appreciation of problems associated with the uses of coastal soils in south Florida.
Schedule of Classes
March-April Schedule

Bachelor Degree Programs
- Electrical Engineering
- Computer Engineering
- Computer Science
- Computer Systems
- Computer Information Systems
- Mathematics
- Computer Systems/Technical Communications

Master's Degree Programs
- Computer Science
- Engineering Management
- Computer Management

Evening and Saturday Classes

Nova University
Registration Policies
Drop/Add Procedures
The first week of classes is the Drop/Add Period. After a class has met once you must receive written permission from the program office to add the class. The normal refund policy applies to a course dropped during the drop and add period unless another course of equal credit, with the same term beginning date, is added in its place.

The Registrar's Office to add the class.

Another course of equal credit, drop and add period unless notified in writing of the course has met once you must receive

A Computer Algebra Theory

A Advanced computers

A Fortran Theory

A Technical Design

A Design

A College Algebra

A Computer Organization

A Programming Languages

A Language Theory and Automata Management of Technical Projects

A Compiler Design Theory

A Operating Systems Concepts

A Data Base Management Systems Design

A Organization of Programming Languages

A Pascal

A Field Transmissions Lines

A Technical Documentation

A Networks II

A Fortran

A Advanced

A Computer

A Circuit Design

A System Design and Analysis

Course No.  Sec  Course Title  Day  Dates  Time  Loc

PHY·140  A  Physics I  M  3/21-5/16  6:00-10:30 pm  P-106

CS·160  A  Fundamentals of Logic Design  M  3/21-5/16  6:00-10:30 pm  P-107

CS·200  A  Computer Programming II  M  3/21-5/16  6:00-10:30 pm  P-208

CS·420  A  Operating Systems Concepts  M  3/21-5/16  6:00-10:30 pm  P-209

EE·340  A  Electronics II  M  3/21-5/16  6:00-10:30 pm  P-142

MAT·210  A  Calculus I  T  3/22-5/17  6:00-10:30 pm  P-106

MAT·305  A  Calculus II  T  3/22-5/17  6:00-10:30 pm  P-105

MAT·420  A  Linear Algebra  T  3/22-5/17  6:00-10:30 pm  P-142

CS·170  A  Computer Programming I  T  3/22-5/17  6:00-10:30 pm  P-208

CS·450  A  Data Base Management Systems Design  T  3/22-5/17  6:00-10:30 pm  P-209

CS·320  A  Organization of Programming Languages  W  3/25-5/18  6:00-10:30 pm  P-208

CS·330  A  Pascal  W  3/25-5/18  6:00-10:30 pm  P-209

EE·420  A  Field Transmission Lines  W  3/25-5/18  6:00-10:30 pm  P-142

TEC·570  A  Technical Documentation  W  3/25-5/18  6:00-10:30 pm  P-142

EE·310  A  Networks II  W  3/25-5/18  6:00-10:30 pm  P-106

CS·210  A  Fortran  Th  3/24-5/19  6:00-10:30 pm  P-208

CS·315  A  Advanced  Th  3/24-5/19  6:00-10:30 pm  P-209

CS·350  A  Computer  Th  3/24-5/19  6:00-10:30 pm  P-106

CS·410  A  System Design and Analysis  Th  3/24-5/19  6:00-10:30 pm  P-107

Course No.  Sec  Course Title  Day  Dates  Time  Loc

CS·520  A  Operating Systems Concepts  M  3/21-5/16  6:00-10:30 pm  P-209

CS·550  A  Data Base Management Systems Design  T  3/22-5/17  6:00-10:30 pm  P-209

Withdrawal Policy
After the third class meeting, a student may withdraw from a course by completing a "Withdrawal Form" available in the Registrar's Office. This form must be approved by the instructor and academic office. It is the student's responsibility to return the completed form to the Registrar's Office.

Tuition Refund Policy
The following refund policy will be computed based upon the date written notification of the drop is received by the Registrar's Office:

100% refund prior to the first class meeting
75% refund prior to the second class meeting, regardless of class attendance.
50% refund prior to the third class meeting, regardless of class attendance.

Fees are non-refundable.

Policy Regarding Incomplete Grades
With the written approval of the course instructor, you may have up to one additional term to complete the course and receive a letter grade. An incomplete form must be completed and signed by the instructor in order to receive a grade of "I".

Undergraduate Courses

Course No.  Sec  Course Title  Day  Dates  Time  Loc

CS·150  A  Introduction to Computer Organization

CS·170  A  Programming I

CS·200  A  Programming II

CS·220  A  Cobol

CS·355  A  Assemblers and Assembly Language Programming

CS·405  A  Computer Architecture

CS·370  A  Software Design

CS·480  A  Introduction to Compilers & Interpreters

EE·405  A  Networks III

EE·460  A  Micro-electronics

EE·470  A  Electrical Engineering Design

MAT·150  A  Precalculus

MAT·220  A  Calculus II

MAT·440  A  Numerical Analysis

PHY·150  A  Physics II

Financial Aid
Nova University participates in various governmental financial aid programs for the benefit of its students.

For information call: 475-7410.

Last Day To Withdraw:
9-week courses / May 6, 1983
12-week courses / June 3, 1983

Graduate Courses

Course No.  Sec  Course Title  Day  Dates  Time  Loc

CS·631  A  Programming Languages

CS·633  A  Language Theory and Automata Management of Technical Projects

CS·571  A  Management of Technical Projects

EGR·571  A  Computer Design Theory

CS·637  A  Compiler Design Theory

Course No.  Sec  Course Title  Day  Dates  Time  Loc

CS·631  A  Programming Languages

CS·633  A  Language Theory and Automata Management of Technical Projects

CS·571  A  Management of Technical Projects

EGR·571  A  Computer Design Theory

CS·637  A  Compiler Design Theory
### Summary of Program Requirements

**All courses are 3 semester hours of credit unless otherwise indicated.**

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* 9 12 15 18 21 24 27 30 39 Credits (in credits) Electives (in credits)
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<th>Degree Code</th>
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<td>464</td>
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a = Choose 1 "a" course.
b = Choose 2 "b" courses.
c = Choose 1 "c" course.
Course Descriptions

CS-111 Computer Literacy  Introduction for the non-technical person. Computer literacy, principles of computer operation, uses of computer in small businesses, schools, social service agencies, hospitals. Hands-on experience with micro-computers and specialized software. This course is for non-computer science majors.

CS-113 Business Applications of Microcomputers  Theory and applications of programs for microcomputers which are useful in the business environment. Accounting, data base management, and information system management programs will be included. Computer laboratory-oriented course. Prerequisite: CS-111 or familiarity with microcomputers.

CS-200 Computer Programming I  An introduction to good programming techniques including flowcharting, code design, debugging techniques and documentation, problem-solving methods and algorithm development to be used in the design of computer programs. The language, BASIC, will be taught as part of this course. An introduction to the use of microcomputers and computer terminals. PREREQUISITE: demonstrated competency equivalent to MAT 102.

CS-200 Computer Programming II  Continuation of Computer Programming I including introduction to random and sequential files, program design, modular design, structured programming, large scale system design, documentation. PREREQUISITE: CS-170.

CS-210 Fortran Introduction to the language FORTRAN with reference to the latest standards, special techniques for programming in FORTRAN. PREREQUISITE: CS-200.

CS-315 Advanced COBOL  A continuation of CS-201, COBOL, with emphasis on advanced computer problem solving. PREREQUISITE: CS-220.

CS-320 Organization of Programming Languages  Development of an understanding of the organization of programming languages, introduction to formal study of programming language specification and analysis, comparison of two or more high level modern programming languages. PREREQUISITE: CS-210, CS-330, CS-340.

CS-330 Structured Programming (Pascal)  Basic principles of structured programming and language foundation. Pascal will be taught as an example of a structured programming language. PREREQUISITE: CS-200, CS-210.


CS-410 System Design and Analysis  Advanced topics in design of digital computer systems and components. PREREQUISITE: CS-405.

CS-420/520 Operating Systems  Concepts Methods in the analysis and design of large scale systems, including concepts of semaphores, processes, system operators, process control and data organization. PREREQUISITE: CS-460.

CS544/550 Data Base Management Systems  Concepts and structures necessary to design and implement a data base management system, including physical file organization and data organization techniques, data models, networks, data integrity, and file security. PREREQUISITE: CS-220, CS-340.

CS-571 Management of Technical Projects  Management principles applied to the direction of engineering projects including design, budget, time management, and production considerations. PREREQUISITE: CS-571.

NEW COURSE 8 weeks / 3/7-5/2

CS-113 Business Applications of Microcomputers  Theory and applications of programs for microcomputers which are useful in the business environment. Accounting, data base management, and information system management programs will be included. Computer laboratory-oriented course. Prerequisite: CS-111 or familiarity with microcomputers.

New Graduate Programs

• Computer Management
• Engineering Management

New Undergraduate Programs

• Computer Information Systems
• Computer Engineering

Fee Schedule for 1983

Graduate application fee (non-refundable) $15
Graduate registration fee (non-refundable) $15
Graduate late registration fee $15
Graduate tuition fee (per credit) $130
Undergraduate application fee (non-refundable) $20
Undergraduate registration fee (non-refundable) $10
Undergraduate late registration fee $10
Undergraduate tuition fee (per credit) $110

Bulletin Board

Summer School Dates
Registration: May 16-June 6, 1983
Classes: June 13-August 13, 1983

New Graduate Programs

• Computer Management
• Engineering Management

New Undergraduate Programs

• Computer Information Systems
• Computer Engineering

Fee Schedule for 1983

Graduate application fee (non-refundable) $15
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Graduate tuition fee (per credit) $130
Undergraduate application fee (non-refundable) $20
Undergraduate registration fee (non-refundable) $10
Undergraduate late registration fee $10
Undergraduate tuition fee (per credit) $110

MAT-105 Introductory Algebra A  an introduction to algebra including algebraic terminology, polynomials and applications. Appropriate for non-math and non-science majors.

MAT-106 College Algebra (MAT-300)  includes topics such as fundamental operations, functions and graphs, linear and quadratic equations, and conic sections.

MAT-210 Calculus I  Functions, limits, derivatives of algebraic functions, introduction to derivatives of trigonometric functions, logarithmic functions, applications of derivatives to physics problems, related rates and maximum/minimum problems, definite and indefinite integrals with applications.


TIC-370 Technical Documentation I Development of technical documentation material and analysis of documentation, techniques for testing, the validation process and quality control, technical editing. PREREQUISITE: TEC-330.
basketball continued from page 1
of the season and has not been able to play a
game. Steve is a social studies major
interested in pre-law. Pat Goodwin is a 6'
player from Michigan. He is a "real team
player with a great attitude." Pat is
interested in geology. Fred Law, a 6'2"
Guard, comes to us from Miami Lakes
Senior High. He is improving daily both
offensively and defensively. Fred is
considering accounting for a career. Steve
Meadows is the tallest player on the team.
He is a 6'9" center from Walsh College
in Ohio. He is a knowledgeable player
who has shown progress especially on
defensive rebounds. Steve is specializing in
accounting. Geoff Stancil, a 6'4" guard
from Michigan, was unanimously
voted captain of the team by his fellow
players. He has a "tremendous support­
attitude." Geoff is a social studies
major interested in pre-law. Keith Skinner
is a "valuable sixth man who is a positive
influence on the team." Keith is a soph­
omore coming to us from Stranahan High.
Phlip Helpiern is the second highest
scorer, averaging 19 points per game.
He is also a fine rebounder. Philip comes to
the team from Miramar High School. Jim
Figueroa and Jim Logan are two new
players who will be joining the team in
the Day Division's third term. Jim
Figueroa is from Miami Lakes and Jim
Logan is from Germany.
Geoff Stancil, captain of the team, said
that the players think that coachs
Hamley and Lilloch are "super leaders." 
Geoff also told me that the team is pleased
with the schedule that Hamley organized
this year. The schedule is full of chal­
genues such as Florida International and
Biscayne. Captain Stancil said that the
team feels proud because they are the first
basketball team to play for Nova. He said
they look forward to the day when they
can come back and say, "We started it
all." Geoff wants everyone to know that
what the team really needs now is support
from the University and the community.
The basketball team has got off to a
grand start for its first year. Its record is
4-7, and since there is improvement with
every game, the remainder of the season
should prove at least as successful. Our
team finished second in the Palm Beach
Atlantic Thanksgiving Classic. The
trophy is proudly displayed in the Nova
College Day Division office. After watch­ing
this exciting team play and talking with
Dr. Smith, Coach Hamley and Geoff
Stancil, I urge everyone to attend the
games and support the team. Coach
Hamley says he sees terrific potential in
the basketball program and wants every­
one to see the team and the games from
the start.

The History of Davie and its Dilemma, published by the Nova University/NYIT Press was written by Victoria Wagner, a woman who will celebrate her 85th birth­
day just two days after her January 26 publication party. The book is now on sale
through the University's Printing Services office.

The dilemma of the title, says Mrs.
Wagner, is "whether Davie can keep its
unique characteristics as it grows — a
dilemma typical of expanding communi­
ties throughout the country."

The author interviewed pioneer families
who trace their Florida roots to 1910
when many workers came to the area
from the Panama Canal Zone, British
Columbia, and Illinois. The first town to
be developed in the Everglades, Davie was
named Zona.

The author is a retired educator and the
former director of the Ethical Culture
Schools of New York City. She and her
husband, Waldo, a retired banker, have
lived in Davie off and on since 1960. Mrs.
Wagner is a native of Berwick, Pa., and
a graduate of Indiana State. She holds a
master's degree in English literature from
Columbia University and has pursued
graduate studies at Oxford and Cambridge.

The cost of the book is $4.50. It can be
ordered from Printing Services, Nova Uni­
versity, 3301 College Ave., Ft.
Louiserdale, 33414.
Shown here, the Mailman-Hollywood Building which houses administrative offices, the Computer Center, Behavioral Sciences Center, Learning and Technology and the Library. In future editions of Nova News, you will be visiting other campus spots.