Computers, Corporate Division Programs, Your Future, 1981-1982

Nova University
COMPUTERS

CORPORATE DIVISION

PROGRAMS

YOUR FUTURE

NOVA UNIVERSITY
3301 College Avenue, Fort Lauderdale, Florida 33314
NOW

FOR SOUTH FLORIDA STUDENTS

A Bachelor’s Program in Computer Science with two options

TECHNICAL OPTION...
designed for those who wish to prepare for a career in the technical end of computers. Courses in hardware function, design and application are coupled with programming and language courses to give the student a sound basis in Computer Science. Opportunities for hands-on operation of computers are offered through the microcomputer lab. Knowledge of the use of large systems is developed through applications on the Computer Center’s main frame.

SYSTEMS OPTION...
designed for those students who wish to combine their knowledge of business with an applications approach to computer science. In addition to learning computer function, language and programming, students will pursue classes which focus on the use of computers in the business environment. Opportunities for hands-on operation of computers are offered through the microcomputer lab. Knowledge of the use of large systems is developed through applications on the Computer Center’s main frame. The second Bachelor option allows the student who already has a degree in another area, such as business, to obtain a Bachelor’s Degree in Computer Science.
WHY CORPORATE DIVISION PROGRAMS ARE RIGHT FOR YOU

• Part-Time and Full-Time Degree Programs
• Designed to meet the needs of South Florida Industry
• Day, evening and Saturday classes
• Designed for the adult learner
• Second Bachelor Programs for those who now need a technical degree
• Solid academic foundation with a practitioner’s approach to Technology
• Credit by examination
• Faculty: practicing Engineers, Scientists, and Computer Scientists

Nova University is accredited by the Southern Association of Colleges and Schools.
Classes meet once a week for nine weeks.

Classes meet at local industrial sites as well as on campus.

Faculty members are in professional roles in industry solving highly complex problems.
NEW CYCLES BEGIN
May 11, 1981
August 17, 1981
October 19, 1981
January 4, 1982
March 8, 1982
May 10, 1982

REGISTRATION CLOSES ONE WEEK BEFORE THE BEGINNING OF THE CYCLE.

FOR INFORMATION CALL:
Broward County 475-7650
Dade County 940-6447 Ext 7649/7650 (toll free)
Palm Beach County 732-6600 Ext 7649/7650 (toll free)

OR WRITE
Nova University
Nova College: The Corporate Division
3301 College Avenue
Fort Lauderdale, Florida 33314
# COMPUTER SCIENCE

## REQUIRED COURSES

### GENERAL STUDIES
- Communications (6 cr.)
- Social Science (6 cr.)
- Humanities (6 cr.)
- Behavioral Science (6 cr.)

### COMPUTER SCIENCE
- CS-160 Fundamentals of Logic Design
- CS-170 Computer Programming I
- CS-210 Fortran
- CS-220 Business Oriented Language (COBOL)
- CS-305 Computer Programming II
- CS-310 Programming Techniques
- CS-320 Organization of Programming Languages
- CS-330 Structured Programming (PASCAL)
- CS-340 Introduction to File Processing
- CS-420 Operating System Concepts
- CS-450 Data Base Management Systems Design
- CS-460 Assemblers & Systems Programming

### MATHEMATICS
- MAT-150 College Mathematics
- MAT-210 Calculus I

### MATHEMATICS
- MAT-220 Calculus II
- MAT-420 Linear Algebra
- MAT-440 Numerical Analysis

### COMPUTER SCIENCE
- CS-240 Digital Design
- CS-350 Computer Circuit Design
- CS-360 Computer Architecture
- CS-410 System Design & Analysis

### ELECTRONICS
- ETR-210 Networks I
- ETR-330 Electronics I

## TECHNICAL OPTION

### PHYSICAL SCIENCE
- PHY-140 Physics I
- PHY-150 Physics II
- PHY-160 Physics III
- PHY-212 Science of Matter
  (or a general Chemistry course)

### MATHEMATICS
- MAT-220 Calculus II
- MAT-420 Linear Algebra
- MAT-440 Numerical Analysis

### COMPUTER SCIENCE
- CS-240 Digital Design
- CS-350 Computer Circuit Design
- CS-360 Computer Architecture
- CS-410 System Design & Analysis

### ELECTRONICS
- ETR-210 Networks I
- ETR-330 Electronics I

## SYSTEMS OPTION

### PHYSICAL OR LIFE SCIENCE
- 9 Credits required

### COMPUTER SCIENCE
- CS-470 Information Systems Analysis

### BUSINESS
- 30 credits to be in the area of Business (Management, Accounting or General Business Program)

### ELECTIVE CREDITS
- 15
- 12