College of Engineering and Computing Course Catalogs

NSU Course Catalogs and Course Descriptions

1-1-1983

Engineering or Computer Management Master's Degree Programs to Advance Your Career 1983-1984
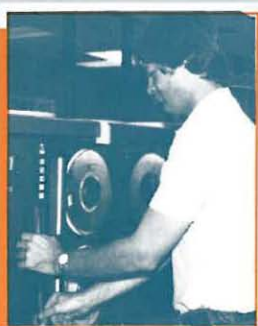
Nova University

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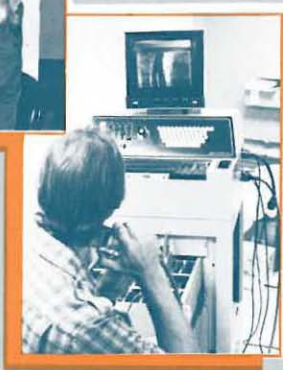https://nsuworks.nova.edu/cec_coursecatalogs/16

Advance Your Career With 1983

Engineering or Computer Management

Master's Degree Programs to Advance Your Career

Nova University
CENTER FOR SCIENCE AND ENGINEERING

Engineering or Computer Management

Master of Science: Engineering or Computer Management

These graduate degree programs provide engineering and computer science specialists with technical knowledge in their specialty as well as assisting them to develop technical managerial perspectives. The student may elect either a major in Computer Management or in Engineering Management. In addition to fulfilling their technical requirements in some management course in the Center for Science and Engineering, students may select up to one quarter of their program for MBA course offerings.

Format:

The program operates on a twelve-week term. Each three-semester-credit course meets for four hours per week for twelve weeks. Students may also take certain courses which follow the undergraduate schedule and meet for nine weeks. Courses selected from the MBA Program follow the MBA format.

M.S. in Computer Management Admission Requirements:

An undergraduate degree in Computer Science. Those students who do not have an undergraduate major in Computer Science but have a technical degree in another area may be accepted into the program with the following requirements: *- Engineering, sometimes Math, Hard Sciences, etc.*

1. Languages:
   —A working knowledge of Fortran and Cobol.
   —A working knowledge of Algol, Pascal, or PL/1.
   —A working knowledge of an assembly language.
2. A course in data structures.
3. A course in computer organization.
4. Background in mathematics to include differentiation, integration, matrices, statistics, and Boolean logic.

M.S. in Engineering Management
Admission Requirements:
An undergraduate degree in some area of engineering.

Degree Requirements:
Thirty-six semester credits are required with a minimum grade point average of 3.0.

M.S. in Computer Management
- CS-627   Operations Research
- CS-631   Programming Languages
- CS-637   Compiler Design Theory
- CS-651   Operating System Theory and Design
- CS-661   Data Base Management Theory
- CS-665   Management of Software Projects
- CS-671   Management of Technical Projects
               Two technical electives

M.S. in Engineering Management
Four graduate engineering courses to be selected on the basis of student need and CSE approval.
- EGR-627   Operations Research
- EGR-671   Management of Technical Projects
- EGR-688   Industrial System Analysis
- Two technical electives

Required for both majors:
Three additional management courses which students may select from the following courses offered by the Center for the Study of Administration MBA program:
- GMP 5005   Introduction to Marketing
- GMP 5020   Organizational Behavior and Development
- GMP 5030   Human Resources Management
- GMP 5061   Financial Accounting
- GMP 5461   Contracts and Management Administration
- GMP 5462   Contract and Procurement Law

Faculty
All specialized courses will be taught by instructors with advanced academic qualifications as well as extensive experience in the field of concentration. Their diverse backgrounds and years of Industry/Government/Academic experience enables them to discuss diverse points of view and to present practical solutions to problems found in their profession.

Term Schedule:
January 10-April 1, 1983
April 4-June 24, 1983
July 18-October 7, 1983
October 10, 1983-January 13, 1984
January 16-March 23, 1984

Tuition and fees:
Tuition (per credit)	$130
Application fee (non-refundable)	$ 15
Registration fee (non-refundable)	$ 15

Registration Closes One Week Before the Beginning of the Term.
For Information Call:
475-7650
940-6447 Ext. 7649/7650 (Dade County toll free)
732-6600 Ext. 7649/7650 (Palm Beach County toll free)

Or Write:

Nova University
Center for Science and Engineering
3301 College Avenue
Fort Lauderdale, Florida 33314

INFORMATION REQUEST FORM

☐ **YES,** please send me a catalog and application form for the master's program in computer and engineering management.

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

TELEPHONE (____)_____

Nova University Founded in 1964, Nova University celebrates its 18th anniversary as a leader in higher education this academic year. It is an independent university which is nonsectarian, nonprofit, and racially nondiscriminatory.

Unusual among institutions of higher education, Nova is a university for all ages. Nova's 10 academic centers provide Bachelor's, Master's and Doctoral, as well as pre-school through high school programs.

Nova University offers courses of study in greater Fort Lauderdale, throughout the State of Florida, and in 20 states nationwide.

Earn Your Master's Degree in Computer or Engineering Management

Full-Time, Part-Time, Days, Evenings and Saturdays

The Center for Science and Engineering also offers bachelor programs in electrical engineering, computer engineering, computer science, computer systems, computer information systems, and mathematics; and master programs in computer science, computer management, and engineering management.

Nova University

CENTER FOR SCIENCE AND ENGINEERING
3301 College Avenue, Fort Lauderdale, Florida 33314