Spring 1984

Center for Science and Engineering Schedule of Classes Spring-Summer 1984

Nova Southeastern University

Follow this and additional works at: https://nsuworks.nova.edu/cec_coursecatalogs

Part of the Computer Engineering Commons

NSUWorks Citation
https://nsuworks.nova.edu/cec_coursecatalogs/51

This Course Schedule is brought to you for free and open access by the NSU Course Catalogs and Course Descriptions at NSUWorks. It has been accepted for inclusion in College of Engineering and Computing Course Catalogs by an authorized administrator of NSUWorks. For more information, please contact nsuworks@nova.edu.
Schedule of Classes

Spring-Summer 1984 Schedule

Bachelor's 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

Special Programs
- Computer Systems/Technical Communications

Nova University
Registration Policies

Registration
Register in person by submitting your completed registration form and tuition and fees IN FULL to the Office of the Registrar, Parker Building, Room 104. The hours are Monday through Thursday, 8:30 a.m.-8:00 p.m., and Friday, 8:30 a.m.-5:00 p.m.

OR mail your completed registration form, tuition and fees IN FULL to the Office of the Registrar, 3301 College Avenue, Fort Lauderdale, Florida 33314. Call 475-7400 to request registration materials if you have not received them.

The regular registration fee is in effect until one week before the term begins. After that, a late fee will be charge.

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 must be notified in writing of the course to be dropped. This may be done by completing a change of Registration form available in the Registrar's Office or by mailing a simple written note 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.
60% 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".

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 should be approved by the instructor and academic office. It is the student's responsibility to return the completed form to the Registrar's Office.

Financial Aid
Nova University participates in various governmental financial aid programs for the benefit of its students.
For information call: 475-7410.
For information call:
Broward County 475-7650
Dade County 940-6447 x 7650
Palm Beach County 732-6600 x 7650

Undergraduate Courses

<table>
<thead>
<tr>
<th>COURSE #</th>
<th>SEC</th>
<th>COURSE TITLE</th>
<th>DAY</th>
<th>DATES</th>
<th>TIME</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE-430</td>
<td>A</td>
<td>Fundamentals of Communication Systems</td>
<td>M</td>
<td>5/21-7/16</td>
<td>6-10:30 pm</td>
<td>P109</td>
</tr>
<tr>
<td>PHY-160</td>
<td>A</td>
<td>Physics I</td>
<td>M</td>
<td>5/21-7/16</td>
<td>6-10:30 pm</td>
<td>P209</td>
</tr>
<tr>
<td>CS-410</td>
<td>A</td>
<td>Information Systems Analysis and Design</td>
<td>M</td>
<td>5/21-7/16</td>
<td>6-10:30 pm</td>
<td>P209</td>
</tr>
<tr>
<td>CS-200</td>
<td>A</td>
<td>Computer Programming I</td>
<td>T</td>
<td>5/22-7/17</td>
<td>6-10:30 pm</td>
<td>P209</td>
</tr>
<tr>
<td>CS-340</td>
<td>A</td>
<td>Data Structures</td>
<td>T</td>
<td>5/22-7/17</td>
<td>6-10:30 pm</td>
<td>P209</td>
</tr>
<tr>
<td>CS-330</td>
<td>A</td>
<td>Software Design</td>
<td>T</td>
<td>5/22-7/17</td>
<td>6-10:30 pm</td>
<td>P209</td>
</tr>
<tr>
<td>CS-170</td>
<td>A</td>
<td>Computer Programming I</td>
<td>W</td>
<td>5/23-7/18</td>
<td>6-10:30 pm</td>
<td>P209</td>
</tr>
<tr>
<td>CS-555</td>
<td>A</td>
<td>Assembly and Assembly Language Programming</td>
<td>W</td>
<td>5/23-7/18</td>
<td>6-10:30 pm</td>
<td>P209</td>
</tr>
<tr>
<td>CS-400</td>
<td>A</td>
<td>Electrical Engineering</td>
<td>W</td>
<td>5/23-7/18</td>
<td>6-10:30 pm</td>
<td>P105</td>
</tr>
<tr>
<td>MAT-200</td>
<td>A</td>
<td>Calculus I</td>
<td>Th</td>
<td>5/24-7/19</td>
<td>6-10:30 pm</td>
<td>P106</td>
</tr>
<tr>
<td>CS-150</td>
<td>A</td>
<td>Introduction to Computer Organization</td>
<td>Th</td>
<td>5/24-7/19</td>
<td>6-10:30 pm</td>
<td>P106</td>
</tr>
<tr>
<td>CS-220</td>
<td>A</td>
<td>Business-Oriented Language (COBOL)</td>
<td>Th</td>
<td>5/24-7/19</td>
<td>6-10:30 pm</td>
<td>P207</td>
</tr>
<tr>
<td>CS-490</td>
<td>A</td>
<td>System Programming</td>
<td>Th</td>
<td>5/24-7/19</td>
<td>6-10:30 pm</td>
<td>P208</td>
</tr>
<tr>
<td>EE-340</td>
<td>A</td>
<td>Electrical II</td>
<td>Th</td>
<td>5/24-7/19</td>
<td>6-10:30 pm</td>
<td>P143</td>
</tr>
<tr>
<td>MAT-100</td>
<td>A</td>
<td>Probability &amp; Statistics</td>
<td>Th</td>
<td>5/24-7/19</td>
<td>6-10:30 pm</td>
<td>P107</td>
</tr>
<tr>
<td>Last Day to Withdraw</td>
<td>July 6, 1984</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Courses for Non-Technical Majors

<table>
<thead>
<tr>
<th>COURSE #</th>
<th>SEC</th>
<th>COURSE TITLE</th>
<th>DAY</th>
<th>DATES</th>
<th>TIME</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT-102</td>
<td>M</td>
<td>Calculus I</td>
<td>M</td>
<td>4/20-6/20</td>
<td>6-10:00 pm</td>
<td>P146</td>
</tr>
<tr>
<td>MAT-101</td>
<td>M</td>
<td>General Mathematics</td>
<td>M</td>
<td>4/20-6/20</td>
<td>6-10:00 pm</td>
<td>P328</td>
</tr>
<tr>
<td>Last Day to Withdraw</td>
<td>July 27, 1984</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Graduate Courses

<table>
<thead>
<tr>
<th>COURSE #</th>
<th>SEC</th>
<th>COURSE TITLE</th>
<th>DAY</th>
<th>DATES</th>
<th>TIME</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGR-530</td>
<td>A</td>
<td>Fundamentals of Communication Systems</td>
<td>M</td>
<td>5/21-7/16</td>
<td>6-10:30 pm</td>
<td>P105</td>
</tr>
<tr>
<td>CS-670</td>
<td>A</td>
<td>Information Systems Analysis and Design</td>
<td>M</td>
<td>5/21-7/16</td>
<td>6-10:30 pm</td>
<td>P209</td>
</tr>
<tr>
<td>CS-560</td>
<td>A</td>
<td>Systems Programming</td>
<td>M</td>
<td>5/21-7/16</td>
<td>6-10:30 pm</td>
<td>P305</td>
</tr>
<tr>
<td>Last Day to Withdraw</td>
<td>July 6, 1984</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COURSE #</th>
<th>SEC</th>
<th>COURSE TITLE</th>
<th>DAY</th>
<th>DATES</th>
<th>TIME</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-651</td>
<td>A</td>
<td>Programming Languages</td>
<td>7/16</td>
<td>10-10:30 pm</td>
<td>P342</td>
<td></td>
</tr>
<tr>
<td>CS-651</td>
<td>A</td>
<td>Operating System Theory and Design</td>
<td>7/17</td>
<td>10-10:30 pm</td>
<td>P42</td>
<td></td>
</tr>
<tr>
<td>CS-576</td>
<td>A</td>
<td>Logic and Topos in Data Base Theory</td>
<td>7/18</td>
<td>10-10:30 pm</td>
<td>P342</td>
<td></td>
</tr>
<tr>
<td>Last Day to Withdraw</td>
<td>August 10, 1984</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Avoid Closed Classes
Register Early
### Summary of Program Requirements

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

<table>
<thead>
<tr>
<th>DEGREE CODE</th>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE B.S. Computer Science</td>
<td>CS-110</td>
<td>Calculus I</td>
</tr>
<tr>
<td>B.S. Computer Engineering (CE)</td>
<td>CS-110</td>
<td>Calculus I</td>
</tr>
<tr>
<td>B.S. Electrical Engineering (EE)</td>
<td>CS-110</td>
<td>Calculus I</td>
</tr>
<tr>
<td>138 credits</td>
<td>460</td>
<td></td>
</tr>
<tr>
<td>138 credits</td>
<td>460</td>
<td></td>
</tr>
<tr>
<td>120 credits</td>
<td>460</td>
<td></td>
</tr>
<tr>
<td>120 credits</td>
<td>460</td>
<td></td>
</tr>
<tr>
<td>120 credits</td>
<td>460</td>
<td></td>
</tr>
<tr>
<td>a = Choose 1 &quot;a&quot; course.</td>
<td>b = Choose 2 &quot;b&quot; courses.</td>
<td>c = Choose 1 &quot;c&quot; course.</td>
</tr>
</tbody>
</table>
Deferring Payments

In certain circumstances students may satisfy the registration FULL
PAYMENT policy by obtaining an official NOTE which will obligate them to
complete full payment within a period of time prescribed by the
University The circumstances when deferral payment is possible are as
follows:

• Students who have APPROVED bank or government LOANS or other
forms of financial aid may obtain a promissory note allowing them to
defer full payment until the loan or aid is actually disbursed.

• Students who are eligible for TUITION REIMBURSEMENT from their
EMPLOYER may obtain a promissory note allowing them to defer full
payment until they are actually reimbursed. Students must document
that they are eligible under an approved company reimbursement policy.

Fee Schedule

<table>
<thead>
<tr>
<th>Application Fee</th>
<th>Graduate Tuition Fee</th>
<th>Undergraduate Tuition Fee</th>
<th>Undergraduate Registration Fee</th>
<th>Graduate Registration Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate application fee (non-refundable)</td>
<td>$ 15</td>
<td>$ 10</td>
<td>$ 20</td>
<td>$ 10</td>
</tr>
<tr>
<td>Graduate registration fee (non-refundable)</td>
<td>$ 15</td>
<td>$ 15</td>
<td>$ 20</td>
<td>$ 10</td>
</tr>
<tr>
<td>Graduate tuition fee (per credit)</td>
<td>$150</td>
<td>$125</td>
<td>$20</td>
<td>$10</td>
</tr>
<tr>
<td>Undergraduate application fee (non-refundable)</td>
<td>$ 20</td>
<td>$ 20</td>
<td>$ 20</td>
<td>$ 20</td>
</tr>
<tr>
<td>Undergraduate registration fee (non-refundable)</td>
<td>$ 10</td>
<td>$ 10</td>
<td>$ 10</td>
<td>$ 10</td>
</tr>
<tr>
<td>Undergraduate tuition fee (per credit)</td>
<td>$125</td>
<td>$125</td>
<td>$20</td>
<td>$10</td>
</tr>
</tbody>
</table>

Fall Classes Start August 27th

Course Descriptions

All courses are 3 semester credits unless noted.

CS-110 Computer Literacy
An introduction to the mechanical parts of computer literacy. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-160 Computer Programming
An introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-100 Introduction to Data Processing
This class is designed to introduce students to the basic concepts of data processing. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-150 Introduction to Computer Organization An introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-170 Computer Programming
A introduction to good program design techniques including: pseudocode development, programming methodology, and software engineering. This course is designed to introduce students to the basic concepts of data processing. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-230 Principles of Operating Systems
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-270 Computer Literacy
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-370 Software Design
An introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-450/460 Systems Programming
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-450 Operating Systems
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-460/470 Memory Systems
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-470 Operating Systems
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-560 Architecture
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-570 Operating Systems
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-580 Programming Languages
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-590 Operating Systems
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-650 Special Project in Language and Computer Theory
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.

CS-690 Computer Graphics
A introduction to the tools of computer literacy to the learner. The class is performed in lecture and lab sections. Students must document employment in a job requiring computer literacy.