Internet Client-Server Application Development (HEGIS 5103) see College Catalog

CERTIFICATE PROGRAM; 30 Semester Credits Required for Graduation

1ST SEMESTER
- Fundamentals of Computer Technology
- Computer Architecture
- Programming Languages Concepts
- Freshman Skills Seminar
- Information Literacy
- College Math

2ND SEMESTER
- Systems Analysis and Design
- Web Design
- Client-Specific Relational Databases
- Server-Specific Relational Databases
- Object-Oriented Design
- Object-Oriented Languages with Visual Basic

3RD SEMESTER
- Database Management System
- English Composition I
- Advanced Math for Computer Programmers
- Elective Professional Course I
- Elective Professional Course II

OCCUPATIONS: Computer Programmer; System Analyst; Programming Developer; Web Developer

- A+: CompTIA Certified Computer Support Technician
- MTA: Microsoft Technology Associate
ASSOCIATE OF OCCUPATIONAL STUDIES (AOS) DEGREE PROGRAMS:
- Computer Programming and Information Technology
- Network Administration and Security

CERTIFICATE PROGRAMS:
- Computer Support Specialist
- Internet Client-Server Application Development
- PC Client-Server Programming

For required program disclosure information, please visit our website at www.asa.edu/disclosure.asp

PARTIAL LIST OF INTERNSHIP SITES:

ABC Computer Services, Inc.
Asterix Consulting, Inc.
Brooklyn Community Housing
Burgess Group
Castle Company
Career Academy of New York
Compu Smart Services Corp.
Computerlinks
Davis & Gilbert LLP
EGT Network

Gouverneur Healthcare Services
Highbridge Internet Café
New Computech, Inc.
MIROTECH
MoxNet, Inc.
Moya Solutions Inc
PC Solutions
PSC Community Services, Inc.

PLACEMENT STATISTICS

<table>
<thead>
<tr>
<th>Division of Computer Technology</th>
<th>Graduation Date - Placement Rate(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Programming &amp; Info. Tech., Associate of Occupational Studies Degree Program</td>
<td>May-11 49% Jan-11 100% Sep-10 100% Jun-10 92% Feb-10 83%</td>
</tr>
<tr>
<td>Network Administration and Security, Associate of Occupational Studies Degree Program</td>
<td>May-11 61% Jan-11 58% Sep-10 75% Jun-10 87% Feb-10 76%</td>
</tr>
<tr>
<td>Computer Support Specialist, Certificate Program</td>
<td>May-11 50% Jan-11 No Grads Sep-10 92% Jun-10 0% Feb-10 67%</td>
</tr>
</tbody>
</table>

As reported by ASA’s Career Services Department: September 2011.