Computer Support Specialist
(HEGIS 5104) see College Catalog

CERTIFICATE PROGRAM; 30 Semester Credits Required for Graduation

Sample of Professional Courses:
Computer Architecture
Telecommunications Concepts
PC Hardware and Operating Systems
Microsoft Windows Client Technology
Microsoft Windows Server Technology
Implementing Network Security I

OCCUPATIONS: Desktop Support; PC Technician;
Technical Support Specialist

INDUSTRY CERTIFICATIONS:
• A+: CompTIA Certified Computer Support Technician
• Network+: CompTIA Certified Networking Professional
• Security+: CompTIA Certified IT Security Professional
• CCENT: Cisco Certified Entry Networking Technician
• MTA: Microsoft Technology Associate
• MCSA: Microsoft Certified Solutions Associate

PC Client-Server Programming
(HEGIS 5103) see College Catalog

CERTIFICATE PROGRAM; 33 Semester Credits Required for Graduation

Sample of Professional Courses:
Computer Concepts and Application
Computer Architecture
Telecommunications Concepts
Programming Language Concepts
Web Design
Client-Specific Relational Database
Server-Specific Relational Database
Object-Oriented Design

OCCUPATIONS: Desktop Support; PC Technician;
Computer Programmer; Web Developer

INDUSTRY CERTIFICATIONS:
• MTA: Microsoft Technology Associate
• ACA: Adobe Certified Associate
• MOS: Microsoft Office Specialist
Computer Support Specialist

The Computer Support Specialist certificate program provides an introduction to many areas of information technology including computer architecture, hardware, operating systems, network administration and support. The program is focused on training students to become competent entry level IT professionals, who are capable of maintaining, troubleshooting and administering computers and small networks. Graduates should be able to provide on-site support for mainly users of Microsoft Windows platform. The program also helps students to prepare for industry standard certification exams such as CompTIA A+, Network+ and Microsoft Certified Solutions Associate (MCSA) certifications.

The Computer Support Specialist certificate program offers students intensive hands-on training using our dedicated computer and networking labs. This program also fully articulates into our AOS degree program in Network Administration and Security, therefore making it easier for graduates to pursue further studies in Information Technology field.

Job outlook
According to the Bureau of Labor Statistics’ Occupational Outlook Handbook, Computer Support Specialists with Associate’s degree was $46,420 in May 2012. Employment of computer support specialists is projected to grow 17 percent from 2012 to 2022, faster than the average for all occupations. More support services will be needed as organizations upgrade their computer equipment and software.

PC Client-Server Programming

The certificate program in PC Client-Server Programming is designed to introduce computer programming to the students. It covers designing, developing, documenting, testing and debugging basic web based programs and basic database applications. The graduates will meet the basic educational and employment competencies in the computer programming field and may pursue their career as junior programmers for business applications development. Programmers work in management companies and enterprises, telecommunications companies, manufacturers of computer and electronic equipment, financial institutions, insurance carriers, educational institution, and government agencies.

Job outlook
All the courses within this program fully articulate into the Associate degree program in Computer Programming and Information Technology.


SAMPLE LIST OF 2015 - 2017
EXTERNSHIP SITES • JOB PLACEMENT SITES

The Law Firm of Frederic A Nicholson
Brooklyn Community Housing Services
Brooklyn Supreme Court
Figeroux & Associates
Good News Planet
Left Forum CUNY Grad Center
Digital Oxygen Corp
New Computers, Inc.
NYC Housing Works
NYC Tech Pros
Police Officers Quarterly Magazine
The Burgess Group
Wallace Graphics
EGT Network
Amerinfosys
DELL
EGT Network, Inc. **
Ksquare IT
Liquid Technology
Omnilink Corporation
Romeo&Juliet Couture**
SGC Digital Technology
Insorce
Unysis
Weilmangus Law Firm
Global Health Care IT

** Companies that have placed ASA students in externships and jobs.

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

DIVISION OF COMPUTER TECHNOLOGY

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