Network Specialist Track is designed for those individuals seeking employment in the field of Information Technology with an emphasis placed on networking communications. Individuals who are already employed in an IT related field that need to update their skills or prepare for industry certification will also benefit from this program. The courses in the Network Specialist Track provide an emphasis on designing, creating, and maintaining local and wide area networks, including routers, switches, wireless technologies, and Voice-Over-IP telecommunications. In addition, the courses provide instruction in networking desktop and server operating systems and basic electronics concepts.

Job Opportunities for a Computer Programmer:
- PC Support Specialist
- PC Support Technician
- Network Administrator
- Network Support Specialist
- Network Engineer
- Data Communications Specialist

Core Areas of Study:
- There are three core areas of study in the Networking Track III curriculum here at Danville Community College:
  1. Cisco CCNA training Academy: This area of study includes four semesters of training with a goal of preparing the student for the Cisco Certified Network Associate (CCNA) Certification. These four semesters include the following:
     - Networking for Home and Small Business
     - Working at a Small-to-Medium Business or ISP
     - Introducing Routing and Switching in the Enterprise
     - Designing and Supporting Computer Networks
  2. Cisco CCNP Training Academy: This area of study includes four semesters of training with a goal of preparing the student for the Cisco Certified Network Professional (CCNP) Certification. These four semesters include the following:
     - Building Scalable Internetworks
     - Implementing Secure Converged Wide-Area Networks
     - Building Multilayer Switched Networks
     - Optimizing Converged Networks
     - Fundamentals of Wireless LANs
  3. Microsoft Training Academy: This area of study includes three semesters of training with a goal of preparing students for the Microsoft Certified Professional (MCP) Certification. These three semesters include:
     - Introduction to Local Area Networks and Vista
     - Maintaining a Microsoft Windows 2003-2008 Server
     - Microsoft Windows 2003-2008 Infrastructure

Degree and Career Certificate Offerings:
1. Associates in Applied Science Degree in Information Systems Technology – Networking Track III.
2. Certificate: Networking Technology or Networking with Cisco

Salary:
The salary range for an IT professional depends on their skill level, certification and experience as well as the geographic location of the employment. For more information, please visit our Career Placement web site or contact an advisor.

It’s easy to get started ...
1. Complete an application for admissions.
3. Meet with a DCC counselor to discuss your assessment results and program placement.
4. Meet with a Information Systems Technology Program advisor to select and register for classes.
5. Pay for your classes or use your financial assistance.

Learn more about ...
INFORMATION SYSTEMS TECHNOLOGY
For more information about this program, contact the faculty:
- Charles W. Adams II, Professor of Information Systems Technology, 434.797.8523, email: cadams@dcc.vccs.edu
- Thomas B. Cannon, Professor of Information Systems Technology, 434.797.8484, email: tcannon@dcc.vccs.edu
- Steven L. Carrigan, Assistant Professor of Information Systems Technology, 434.797.8528, email: scarrigan@dcc.vccs.edu
- Cassandra “Sandi” A. Satterfield, Assistant Professor of Information Systems Technology, 434.797.8526, email: csatterfield@dcc.vccs.edu

Call ... 434.797.2222 800.560.4291 TTY: 434.797.8542
Click ... www.dcc.vccs.edu info@dcc.vccs.edu
Come by ... 1008 S. Main Street Danville, VA 24541-4004

Vision: Danville Community College will be the college of choice in our region for exemplary educational programs and services.

Mission: Danville Community College is committed to providing quality comprehensive higher education and workforce programs and services to promote student success and to enhance business and community development.
INFORMATION SYSTEMS TECHNOLOGY:
COMPUTER PROGRAMMING, PC TECHNOLOGY SPECIALIST OR NETWORK SPECIALIST

Educating Tomorrow’s IT Professionals Today.

Danville Community College’s Information Systems Technology program is designed for students who seek employment in the information technology (IT) field immediately upon graduation.

This program offers three tracks: Computer Programming, PC Technology Specialist and Network Specialist. A full-time student may complete either specialization in four semesters and earn an Associate of Applied Science Degree.

Computer Programming Track provides a strong foundation of theoretical concepts and practical applications needed for success in the programming field. Individuals who are seeking initial employment or those seeking to advance their programming skills and information technology background will benefit from the program.

Job Opportunities for a Computer Programmer:
- Computer Programmer
- Data Analyst
- Data Base Administrator
- Information Systems Analyst
- Junior Systems Analyst
- System Manager
- Technical Writer
- Software Engineer

Core Areas of Study:
- Software Design
- Java Programming I
- C# Programming .NET
- Desktop Database Software with SQL
- Visual Basic.NET
- Game design concepts

Did you know…
- Employment of computer and information systems managers is expected to grow faster than the average for all occupations through the year 2014.
- Virginia was among the top five states with the highest concentration of computer programmers.
- Many computer programmers work independently as consultants on a temporary or contract basis.

Salary…
- The salary range for an IT professional depends on their skill level, certification and experience as well as the geographic location of the employment. For more information, please visit our Career Placement web site or contact an advisor.

PC Technology Specialist Track provides a strong foundation of theoretical concepts and practical applications needed for success in the programming field. Individuals who are seeking initial employment or those seeking to advance their programming skills and information technology background will benefit from the program.

Job Opportunities for a Computer Programmer:
- PC Computer Trainer
- PC Technician
- Productivity Software Specialist
- PC Helpdesk Specialist
- Computer Support Specialist
- PC applications support Specialist

Core Areas of Study:
- Word Processing
- Spreadsheet Software
- Introduction to Computerized Accounting- Peachtree
- Electives in Web Design

Did you know…
- Data entry and information processing workers held about 492,000 jobs in 2006 and were employed in virtually every sector of the economy.
- Of the data entry and information processing workers, 313,000 were data entry and 179,000 used word processing skills.
- About 1 out of 5 data entry and information processing workers held jobs in firms providing administrative and support services, including temporary help and word processing agencies, and another 15 percent worked for State or local government.

Salary…
- The salary range for an IT professional depends on their skill level, certification and experience as well as the geographic location of the employment. For more information, please visit our Career Placement web site or contact an advisor.