

# Inver Hills Community College Network Degree Program Highlights

- Inver Hills Community College is recognized as having one of the top equipment Computer Networking Training facilities in the United States.
- Inver Hills Community College is one of only seven authorized Cisco Instructor Training Centers in the United States.
- Major Minnesota employers such as the following contracts with Inver Hills Community College to train and certify their computer networking technicians: 3M, Northwest Airlines, Cargill, Ecolab, US Bank and Wells Fargo.
- Inver Hills Community College is part of a \$3 million National Science Foundation Federal Grant to develop a degree in computer networking security.
- Inver Hills Community College was selected to be a “Center of Excellence in Networking Technology” for the state of Minnesota Higher Education System.
- Inver Hills Community College has been requested to present at several national conventions on the success of the college computer networking training program i.e. League of Innovations, AACC.

*This publication is available in alternate form. Please call 651.450.8628 (voice) or 651.450.8369 (TTY). Inver Hills is an equal opportunity educator and employer.*



A MEMBER OF THE MINNESOTA STATE COLLEGES AND UNIVERSITIES SYSTEM

## Qualified, Skilled, In Demand... Inver Hills Computer Networking Technology Degree Program graduates



### Looking for Top Qualified IT Employees? Our graduates can help.

#### Powerful program

The Network Technology and Security programs prepare students for rewarding careers in the dynamic field of computer networking. The continued growth of the Internet, wide area networks (WANs), and local area networks (LANs) requires people with the broad knowledge and skills needed to design, manage, troubleshoot and maintain these increasingly important infrastructure resources.

#### Skilled graduates

This rigorous educational program provides students with the foundation skills and advanced knowledge needed to work in the field of computer networking. Students know the inner workings of networks from an end-user's desktop to a remote server that could be located anywhere in the world. Students have the knowledge and skills that will allow them to acquire several industry-recognized certifications that significantly enhance employability in the field.

**For more information on the A.A.S. in Network Security and Technology degree visit our website:**

[http://depts.inverhills.edu/cnt/degree\\_program.htm](http://depts.inverhills.edu/cnt/degree_program.htm)

  
**Inver Hills**  
Community College  
[www.inverhills.edu/cnt](http://www.inverhills.edu/cnt)

Credits

- A+ Certification: The installation, maintenance, repair, and management of desktop PCs
- CCNA Certification: Cisco Certified Network Administrator provides the skills needed to manage, configure and troubleshoot network hardware (routers, switches, and related devices) and software
- MCSA Certification: Microsoft Certified Systems Administrator covers the essential skills needed for server and client administration. The degree program includes courses that cover three of the four exams needed for this certification.
- Security + Certification: provides essential knowledge and skills that everyone involved with information networks should possess
- Cisco Network Security: All degree students will learn the fundamentals of firewalls, virtual private networks and other essential security measures to protect networks
- Advanced Network Skills: depending on which area of emphasis selected, you will learn advanced skills in information and network security or develop higher level competencies in specific network technologies
- Communication skills: ask any information technology director for the top three competencies needed by employees and communication skills will be on that short list
- Customer service: along with communication ability, this is another essential dimension for excellent performance and career advancement in the networking field
- Global perspective: courses in social science, humanities and science will help prepare you for life in the emerging global society where your colleagues are as likely to be living on another continent as in the next town

Foundation Courses		Credits
CNT 2510	Networking Essentials/Introduction to Networking	3
CNT 2300	I.T. Essentials 1	4
CNT 2800	Information Security Awareness	1
BUS 1119 OR	Human Relations in Business OR	3
BUS 2310	Achieving Customer Satisfaction	
<b>Subtotal Foundation Courses</b>		<b>11</b>
Network Core Courses		
CNT 2520	Introduction to Router Configuration	3
CNT 2530	Routing and LAN Switches	3
CNT 2540	WAN Technologies	3
CNT 2402	MCSA: Windows Operating System I OR II	1
CNT 2410	MCSA: Windows Server Operating System: 2003	2
CNT 2420	MCSA: Windows Network Environment : 2003	2
<b>Subtotal network core credits</b>		<b>14</b>
Students choose either A or B as an area of emphasis		
A. Security Emphasis Area Courses		
CNT 2820	Information Systems Security Fundamentals	3
CNT 2825	Information Systems Security Advanced	3
CNT 2810	Network Security Fundamentals	3
CNT 2815	Network Security Advanced	3
CNT 2830	Network Security Design (3) OR	3
CNT 1189	I.T. Internship (3-4)* (cost for internship is approximately \$525)	3
<b>Subtotal network emphasis credits</b>		<b>15</b>
B. Network Technology Emphasis Area Courses		
CNT 2820	Information Systems Security	3
CNT 2810	Managing Network Sec. Fundamentals	3
CNT 2710	Wireless LANS	3
Elective	Any CCNP Course, I.P Telephony, or Project Management	3
Elective	Any CCNP Course, I.P Telephony, or Project Management	3
CNT 1189	OR I.T. Internship (3-4)	3
<b>Subtotal network emphasis credits</b>		<b>15</b>

**Qualified Graduates**

Graduates have excellent skills in writing, speaking, project management and interpersonal communications. Inver Hills Community College has been recognized regionally and nationally for a world class computer network training facility, instructors and state of the art curriculum. Our students have one of the top passing percentages of industry certifications in the United States. Our instructors come from the IT field with many years of experience along with CCNP, Security and CCIE qualifications.

If you are looking for quality and certified computer technology employees look no further than Inver Hills Community College.

**Need help in your Information / Computer Technology Department?**

**Inver Hills Community College has mature, qualified, energetic graduates.**

**Graduates have the following IT industry certifications:**

- PC Hardware and Software (Comptia A+ Certification)
- Server and Network Operation Systems (Comptia Server + Certification)
- Administering Windows Operation Systems (70-270 Windows 2003)
- CCNA Certification

**Many graduates also have the following IT industry certifications:**

- CCNP 1 Advanced Routing
- CNNP 2 Remote Access Networks
- CCNP 3 Multilayered Switched Network
- CCNP 4 Internet work Troubleshooting
- Comptia Security +
- IP Telephony Certification

**Employment Search Process:**

1. Employer completes the job opening form and sends it to David W. Anderson; dave@inverhills.edu or 651-450-8655.
2. Dave Anderson: Program Director then sends this information out to students in the program. Also the job opening information is posted on our program website for students to view.
3. Interested students then reply to the company contact person with resume.
4. Employers screen applicants for possible candidates and interviews.

**Employers:**

Please contact David W. Anderson at dave@inverhills.edu or 651-450-8655 with follow up feed back on the results of your search. Thank you!