

# COMPUTER NETWORKS AND SECURITY

“A journey of a thousand miles begins with a single step.” Take the first step to your “Life. Changing” career by becoming a graduate of the Computer Networks and Security Program at Indian Hills Community College!

## YEAR ONE

TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	NET 122	Computer Hardware Basics	3	MTWTH	08:00 - 09:50
WINTER	NET 786	Fundamentals of Desktop Support	4	MTWTH	08:00 - 09:50
SPRING	ELT 110	Electronics	2	MW	08:00 - 09:50
	CSC 110	Introduction to Computers	3	TTH	08:00 - 09:50

## YEAR TWO

TERM	CLASS	NAME	CREDITS	DAYS	TIME
FALL	XXX XXX	Approved Culture Course	3	MW	08:00 - 09:50
	BCA 185	Beginning Webpage Development	3	TTH	08:00 - 09:50
	NET 610	Security Fundamentals	2	MTWTH	10:00 - 10:50
WINTER	NET 725	Networking Essentials	3	MTWTH	08:00 - 09:50
	XXX XXX	Approved Mathematical Reasoning Course	3	MW	10:00 - 11:50
	XXX XXX	Approved Scientific Systems Course	3	TTH	10:00 - 11:50
SPRING	NET 310	Virtual Machines	3	MTWTH	08:00 - 09:50
	NET 445	Linux Operating System	4	MTWTH	10:00 - 10:50
	ENG 111	Technical Writing	3	WWW	WWW

DID YOU KNOW THAT IF YOU'RE TAKING INDIAN HILLS CLASSES WHILE STILL IN HIGH SCHOOL, YOU ALREADY QUALIFY FOR A

**\$1,000 SCHOLARSHIP TO INDIAN HILLS**

CHECK OUT THE MINIMUM QUALIFICATIONS AND APPLY TODAY: [WWW.INDIANHILLS.EDU/SCHOLARSHIPS](http://WWW.INDIANHILLS.EDU/SCHOLARSHIPS)



It is the policy of Indian Hills Community College not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family, or marital status in its programs, activities, or employment practices as required by the Iowa Code §§216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C §§ 1681 – 1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with this policy, please contact Director, Human Resources/Equity Coordinator (staff), 525 Grandview Ave, Ottumwa, IA 52501, 683-5108, [hrequity@indianhills.edu](mailto:hrequity@indianhills.edu); Dean, Student Affairs (students), 683-5159, [studentsequity@indianhills.edu](mailto:studentsequity@indianhills.edu); Dean, Learning Services (students with disabilities), 683-5174, [learningservicesequity@indianhills.edu](mailto:learningservicesequity@indianhills.edu); U.S. Department of Education, Clitigroup Center, 500 W. Madison, Suite 1475, Chicago, IL 60661, phone number 312/730-1560, fax 312/730- 1576.



## Computer Networks and Security Curriculum

**Associate of Applied Science Degree** | Total Credits: 84-85 | Location: Ottumwa Campus | Start Terms: Fall and Spring Terms

<b>TERM I</b>	<b>TOTAL CREDITS: 11</b>	
CSC 110	Introduction to Computers	3 <input checked="" type="checkbox"/>
ELT 110	Electronics	2 <input checked="" type="checkbox"/>
NET 122	Computer Hardware Basics	3 <input checked="" type="checkbox"/>
XXX XXX	Approved Mathematical Reasoning Course	3 <input checked="" type="checkbox"/>

<b>TERM II</b>	<b>TOTAL CREDITS: 13</b>	
BCA 185	Beginning Webpage Development	3 <input checked="" type="checkbox"/>
NET 725	Networking Essentials	3 <input checked="" type="checkbox"/>
NET 786	Fundamentals of Desktop Support	4 <input checked="" type="checkbox"/>
XXX XXX	Approved Scientific Systems Course	3 <input checked="" type="checkbox"/>

<b>TERM III</b>	<b>TOTAL CREDITS: 11</b>	
NET 310	Virtual Machines	3 <input checked="" type="checkbox"/>
NET 445	Linux Operating System	4 <input checked="" type="checkbox"/>
NET 684	TCP/IP for Networking	4 <input type="checkbox"/>

<b>TERM IV</b>	<b>TOTAL CREDITS: 14</b>	
NET 153	Advanced Networking	4 <input type="checkbox"/>
NET 319	Microsoft Server	3 <input type="checkbox"/>
NET 404	Linux Network Administration	4 <input type="checkbox"/>
NET 478	Information Storage and Management	3 <input type="checkbox"/>

<b>TERM V</b>	<b>TOTAL CREDITS: 11</b>	
NET 202	Programming for Network Administrators	3 <input type="checkbox"/>
NET 343	Windows Directory Services	3 <input type="checkbox"/>
NET 610	Security Fundamentals	2 <input checked="" type="checkbox"/>
XXX XXX	Approved Culture Course	3 <input checked="" type="checkbox"/>

<b>TERM VI</b>	<b>TOTAL CREDITS: 11</b>	
CIS 351	Introduction to Database Concepts	3 <input type="checkbox"/>
NET 626	Network Security Audit	3 <input type="checkbox"/>
NET 671	Microsoft Exchange Server	2 <input type="checkbox"/>
NET 782	Computer Users Support	3 <input type="checkbox"/>

<b>TERM VII</b>	<b>TOTAL CREDITS: 13-14</b>	
ENG 111	Technical Writing	3 <input checked="" type="checkbox"/>
NET 292	Information Technology Capstone	
NET 619	Network Attacks: Detection, Analysis and Countermeasures	5 <input type="checkbox"/>
		3 <input type="checkbox"/>
NET 845	Security Field Projects <b>OR</b>	2 <input type="checkbox"/>
	Internship (NET 932)	3 <input type="checkbox"/>

<b>OPTIONAL COURSE</b>		
BUS 128	Foundation to Entrepreneurship	3 <input type="checkbox"/>

