

Computer Networking Technology

AA Degree #4590 (70 credits)

Certificate #4230 (38 credits) **(bold and underlined)**



Technology Division **NAME:** _____ **Advisor:** _____

One 3 credit Diversity (D) course is required; One 1 credit PE/Wellness (W) course is required. See HACC website, <http://www.hacc.edu/academics/coursesandprograms/generaleducationcourses/index.cfm>, for a current list of diversity and wellness courses.

Developmental Courses as determined through College Placement Testing:

Please note: 0-level courses do not transfer and do not count toward graduation requirements; however, they are required to enter college level courses.

Any ENGL ESL classes ENGL 002 ENGL 050 _____* MATH 020
 ENGL 001 ENGL 003 ENGL 051 MATH 010 MATH 051

*** (Placement below Math 010 options: study and successfully retest- College fees apply; Take HD 107/retake math placement test (no fee for retest) and successfully place MATH 010 or higher)**

First Semester

COURSE	DESCRIPTION	PRE or CO-REQUISITE	CREDITS
_____ CNT 120	Network Computer Technology I ¹	Pre:	3
_____ ENGL 101	English Composition I	Pre: ENGL 051 with C or higher Pre/Co: ENGL 003	3
_____ SPCH 101 or _____ SPCH 104	Effective Speaking or Interpersonal Communication	Pre: ENGL 051 & ENGL 003 with C or higher Pre: ENGL 051 & ENGL 003 with C or higher	3
_____ _____	Core C Elective (Math- any 100 level or above)		3
_____ _____	Free Elective (ELEC 125 recommended) ²		<u>3</u>
Total Credits			15

Second Semester

_____ CNT 125	Network Computer Technology II	Pre: CNT 120	4
_____ CNT 130	Fundamentals of Telecommunications	Pre: CNT 120	3
_____ CNT 140	The Physical Network	Pre: CNT 120	3
_____ ELEC 126	Installing and Troubleshooting PC's	Pre: ELEC 125 or (CIS 127 & 210)	4
_____ ENGL 102 or _____ ENGL 104 or _____ ENGL 106	Composition II or Report and Technical Writing or Written Business Communication	Pre: ENGL 101 & ENGL 003 with C or higher Pre: ENGL 051 & ENGL 003 with C or higher Pre: ENGL 051 & ENGL 003 with C or higher	3
Total Credits			17

Summer I

_____ _____	Programming Elective ³		3
_____ _____	Core B Elective (Diversity elective suggested as either Core A or Core B)		<u>3</u>
Total Credits			6

Third Semester

_____ CIS 222	Introduction to Windows Servers	Pre: CNT 120	3
_____ CNT 220	Internetworking	Pre: CNT 120 & 125	5
_____ _____	Technical Elective ⁴		4(or 3 & 1)
_____ CIS 224	System Analysis & Design ⁵		<u>4</u>
Total Credits			16

Fourth Semester

_____ CIS Server	Server Course (CIS 223,226,264,265)	Choose One	3
_____ CIS 227	Technical Support (formerly CIS 150)	Pre: CNT 120 & CIS 222, 249, or 265	3
_____ _____	Technical Elective⁴		3
_____ _____	Technical Elective⁴ (Internship recommended)		3
_____ _____	Core A Elective (Diversity elective suggested as either Core A or Core B)		3
_____ _____	Physical Education Elective (W) ⁶		<u>1</u>
Total Credits			16
Total Degree Credits			70

Students are encouraged to see their advisor to develop and review their individual educational plans.

For more information – visit our web site at <http://www.hacc.edu/Academics/CoursesAndPrograms/index.cfm>

Advising Comments

¹ Pre-requisites: CIS 105, Eligibility for MATH 051, completion of zero level English classes. Suggested Pre-Req: CIS 127, ELEC 125

² Students may choose any 100-200 level courses so long as they do not exceed the credit limits on courses in physical education, military science, or cooperative work experience.

³ Programming Electives: CIS 238, or CPS 115, 121, 135, 230.

⁴ Technical Electives:

CNT (CTEC) 240(prepare for CCNA), CNT 260 (CTEC 282Q)(prepare for CWNA), CNT (CTEC) 291, & CNT 282
CAD 114, 115, 124, 125, 134

CIS 223, 226, 264, 265

CISE 200, 210, 220, 230

ELEC 100, 101, 106, 108, 111, 211, 213, 215.

May use only one MGMT 121, 201, 204.

⁵ Pre-Req: CIS 115, or CTEC 102, or CNT 120 with a grade of "C" or higher AND 1 of the following with a grade of "C" or higher: CIS 238, 245, CPS 115, 121, 135, 141, 151, 230, WEB 140, 144, 220, 240, 242, 244, 246.

⁶ One 1 credit PE/Wellness (W) course is required. See HACC website, <http://www.hacc.edu/academics/coursesandprograms/generaleducationcourses/index.cfm>, for a current list of diversity and wellness courses.

Professional Certifications that Equate to HACC Credit: May not transfer- check with that college!!

- **Network+**=CNT 120 (with proof of on the job experience- See Doug brown for possible CNT 125 credit)
- **CCNA**= CNT 240
- **CCNA specialty Cert- CCNA Wireless** = CNT 260
- **CCNA specialty Cert- CCNA Voice** = CNT 230
- **CCNA specialty Cert- CCNA Security** = possible credit awarded for CISE classes. Contact Rich Elwell.
- **BICSI cert (Installer 1, Installer 2, technician)** = possible CNT 140 credit-Contact Doug brown
- **A+ Certification** = CIS 127, ELEC 125, and ELEC 126= 10 credits
- **MCSA**= CIS 127 and 1 computer elective= 6 credits
- **MCSE** = CIS 127, CIS 110 and 2 computer electives = 12 credits
- **A+ & MCSE** = CIS 127, CIS 110, ELEC 125 & 126 & one computer elective= 16 credits Total
(After paperwork has been submitted to the Records Office and approved.)

Contacts:

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