



COMPUTER INFORMATION SYSTEMS CERTIFICATE, 2009-10

1. Certificate programs provide career skills to enable students to enter the job market after graduation, retrain in a new career, or upgrade employment skills. Occupational courses are designed to meet these needs instead of transferring to four-year institutions; however, four-year institutions may accept some courses. Check with your college of transfer intent for more info.
2. By completing some general education requirements, most certificate programs lead to an AAS Degree. Consult the website or a CCA advisor for more info.
3. You must apply for graduation on the website or at Enrollment Services prior to your final semester.

Certificate Requirements – (17 credits)

CIS 110 Intro to the PC	1 cr.
CIS 115 Intro to Computer Info Systems	3 cr.
CIS 118 Intro to PC Applications (Office)	3 cr.
CIS 161 Presentation Graphics I	1 cr.
CIS 128 PC Windows Complete	3 cr.
CNG 101 Intro to Networking	3 cr.
CSC 116 Logic and Program Design	3 cr.

Certificate Electives – (Choose a minimum of 9 cr.)

CIS 218 Advanced PC Applications (Office)	3 cr.
CIS 162 Advanced Presentation Graphics	1 cr.
CNG 131 Network Security Fundamentals	3 cr.
CNG 160 Intro to Telecommunications	3 cr.
CSC 154 Intro to MS Visual Basic.NET	3 cr.
CSC 240 Java Programming	3 cr.
CWB 130 Complete Web Editing Tools (Dreamweaver)	3 cr.
CWB 245 Complete Web Animation (Flash)	3 cr.

_____ Total Certificate Requirements – 17 credits

_____ Total Electives – 9 credits

_____ Total Required – 26

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TOTAL CREDITS **26 cr.**

For Further Information:
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