

General Information:

1. Degree Policies and Procedures are available in the Catalog online at www.CCAurora.edu.
2. If you plan on transferring to another institution, contact an advisor before registering.
3. You must apply for graduation by mid-semester prior to your final term. See Semester of Classes for the exact deadline date.

The objective of this degree is to prepare the student with the skills necessary for an entry-level programming position.

General Education Requirements – (15 credits)

	ACC 121 Principles of Accounting I	4 cr.
	CIS 110 Introduction to the PC	1 cr.
	CIS 115 Introduction to Computer Info Systems	3 cr.
	BUS 217 Business Communication and Report Writing	3 cr.
	MAT 121 College Algebra	4 cr.

Degree Requirements – (12 credits)

	CIS 128 Windows Complete	3 cr.
	CIS 268 Systems Analysis and Design I	3 cr.
	CNG 101 Introduction to Networking	3 cr.
	CSC 116 Logic & Program Design	3 cr.

Emphasis Requirements – (16 credits)

	CSC 154 Intro to MS Visual Basic.Net	3 cr.
	CSC 157 Advanced Visual Basic.Net Programming	4 cr.
	CSC 230 C Language Programming	3 cr.
	CIS 220 Fundamentals of Unix	3 cr.
	CIS 232 Advanced Unix: Unix Shell Programming	3 cr.

Emphasis Electives – (17 credits)

Choose a minimum of 17 credit hours:

	CIS 160 Computer Science I: C++	4 cr.
	CSC 222 Unix (Linux) System Administrator	3 cr.
	CSC 231 Advanced C Language Programming	3 cr.
	CSC 240 Java Programming	3 cr.
	CSC 241 Advanced Java Programming	3 cr.
	CSC 236 C++ Programming	4 cr.
	CSC 237 Advanced C++ Programming	4 cr.

**COMPUTER INFORMATION SYSTEMS DEGREE, PROGRAMMING EMPHASIS,
 TOTAL CREDITS**

60

Recommended Progression - 1st semester

	CIS128 PC Windows Complete	3 cr.
	ACC 121 Principles of Accounting I	3 cr.
	BUS 217 Business Communication and Report Writing	3 cr.
	CSC 116 Logic & Program Design	3 cr.

Recommended Progression - 2nd semester:

	CIS 110 Introduction to the PC	3 cr.
	CIS 115 Intro to Computer Info Systems	1 cr.
	MAT 121 College Algebra	4 cr.
	CSC 154 Intro to MS Visual Basic.Net	3 cr.
	CIS 220 Fundamentals of Unix	3 cr.

Recommended Progression - 3rd semester

	CNG101 Introduction to Networking	3 cr.
	CSC 157 Advanced Visual Basic.Net Programming	
	CSC 230 C Language Programming	
	CIS 232 Advanced Unix: Unix Shell Programming	
	Elective	

Recommended Progression - 4th semester

	CIS268 Systems Analysis and Design I	3 cr.
	Elective	
	Elective	
	Elective	
	Elective	
	Elective	

Computer Department			
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