

PROGRAMMING CERTIFICATE 2004-2005

General Information:

1. Degree Policies and Procedures are 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 the beginning of your last semester.

Certificate Requirements- 6 credits

CIS 220 Fundamentals of Unix	3 cr.
CSC 116 Logic and Program Design	3 cr.

Programming Electives –12 credits

Choose a minimum of 12 credits. One advanced programming class is required. CIS 232 does not count as an advanced programming class.

CIS 232 Unix Shell Programming	3 cr.
CSC 154 Visual Basic Programming	3 cr.
CSC 157 Adv. Visual Basic .NET Prog.	3 cr.
CSC 160 Comp. Science 1: C++	4 cr.
CSC 230 C Language Programming	3 cr.
CSC 231 Advanced C Language Prog.	3 cr.
CSC 236 C+ Programming	3 cr.
CSC 237 Adv. C+ Programming	3 cr.
CSC 240 Java Programming	3 cr.
CSC 241 Adv. Java Programming	3 cr.

_____ Total Requirements – 6 credits

_____ Certificate Electives – 12 credits

_____ Total Required – 18 credits

You must apply for graduation at www.ccaurora.edu or at admissions by the beginning of your final semester.

ASSESSMENT REQUIREMENTS

Basic Skills courses may be required based on assessment scores. It is the student's responsibility to meet these requirements within the first 30 credits at CCA. These courses are also available at other area Community Colleges. Each course is 3 credits except where indicated.

ACT Score	SAT Score	Accu-Placer	English:
15		25-49	ENG 030 Basic Writing Skills
16		50-69	ENG 060 Writing Fundamentals
17		70-94	ENG 090 Basic Composition
18	440	95+	ENG 121 English Composition I
16		40-61	REA 060 Foundations of Reading
17		62-79	REA 090 College Prep Reading
			Math:
15		24-56 ar	MAT 030 Fund. Of Math, 2 cr.
16		57+ ar	MAT 060 Pre-Algebra
17		45-60 ea	MAT 090 Intro. Algebra, 4 cr.
18		61-84 ea	MAT 106 Survey of Algebra, 4 cr.
19	460	85+ ea	MAT 121 College Algebra, 4 cr.

ENGLISH AS A SECOND LANGUAGE

Recm.		
LOEP	ESL 009 Low Beginning ESL	3 cr.
25-56 lu	ESL 021 Basic Grammar/Writing	1-5 cr.
57-76 lu	ESL 022 Intermediate Grammar	3-5 cr.
77-95 lu	ESL 023 Advanced Grammar	3 cr.
25-59 sm	ESL 031 Basic Conversation	1-5 cr.
60-94 sm	ESL 032 Intermediate Conversation	3-5 cr.
25-49 rs	ESL 041 Basic Reading	1-5 cr.
50-74 rs	ESL 042 Intermediate Reading	2-4 cr.

STUDY SKILLS CLASSES

COM 121 College Survival Skills	3 cr.
PSY 109 Career Development	1-3 cr.
STS 060 Learning Success Strategies	1-3 cr.

SCHEDULING SUGGESTIONS

1. See your advisor about balancing your workload with credit load.
2. Transfer and financial aid students should consult an advisor before registering.

Our Website Has The Following Information:

- College Catalog and Semester Schedule
- Online Registration and Online Courses
- Financial Aid, Advising and much more.

ONLINE AND HYBRID CLASSES

Many of the classes in this degree can be taken **online** or **hybrid** (an online class with optional in-classroom instruction). Symbols in the semester schedule indicate which classes are offered in either format.

Online/Hybrid Course Information:

<http://www.CCAurora.edu/infosheets>

Academic Standards of Progress

CCA defines satisfactory academic progress as maintaining a 2.0 cumulative grade point average (GPA) or higher. In order to remain in good standing at CCA, students must maintain at least a 2.0 cumulative GPA. Students who have less than a 2.0 cumulative GPA will be placed on probation or suspension status. For more information, consult the catalog at www.ccaurora.edu or talk to an advisor.

IMPORTANT PHONE NUMBERS:

Admissions & Registration	303 360-4713
Financial Aid	303 360-4709
Advising	303 360-4797
Learning Resource Center	303 360-4736
Cashier's Office	303 360-4763
Bookstore	303 360-4774
Lowry Campus One-Stop	303 340-7093



STUDENT CHECKLIST

___ **Application** – Apply in person or online at www.CCAurora.edu. Call for more info: 303-360-4700.

___ **Financial Aid** – To apply for grants, loans, scholarships, fill out a FAFSA form available in the Financial Aid Office or online at www.fafsa.ed.gov. Call for more info: 303-360-4709.

___ **Assessment** – All new students are required to take the basic skills assessment for placement into the appropriate English, reading and math courses. Assessment may be waived for certain students with ACT / SAT scores, completed degrees, are non-degree seeking or meet enrichment status, and for some transfer students. Call for more info: 303-360-4736.

___ **Residence Hall** – Request more information on dorm room and board at Lowry by calling 303-340-7001.

___ **Advising** – Contact an academic advisor to discuss goals and degree program requirements. Call for more info: CTC: 303-360-4797 or LC903: 303-340-7093.

___ **PIN** – Select a personal identification number to access your student records at the Advising Center or Admissions and Records. Call for more info: CTC: 303-360-4797 or LC903: 303-340-7093.

___ **Registration** – Once you have selected your classes and have your PIN, register online at www.CCAurora.edu, by phone at 303-825-2747 or on-site at CTC or LC903. For more info: call CTC: 303-360-4700 or LC903: 303-340-7093.

___ **Payment** - Tuition must be paid by the due date. You may sign a promissory note with the business office. For more info: call 303 360-4763.

___ **Attend class!** If you want to change your schedule, complete a Drop-Add form. Note: If you are receiving Financial Aid notify them of any drops to your schedule. It may affect your award! For more info: call 303-360-4713.

Instructional VP and Deans:

Greg Goode, Vice President of Instruction & Std Svc
Bob Fulcomer, Dean of Business, Math, & Computers
Bobby Williamss, Dept. Chair, Computers
Kristen Cusack, Advisor/Computers

6/9/04