

**ASSOCIATE OF APPLIED SCIENCE
COMPUTER INFORMATION SYSTEMS
2002-2003**

General Information:

- Degree Policies and Procedures are on page 33 of the Catalog or visit www.CCAurora.edu.
- If you plan on transferring to another institution, contact an advisor before registering.
- See the back page for more information or visit the CIS department website.

English– 4 credits

ENG 121 English Composition I	3 cr.
ENG 188 English Comp I Practicum	1 cr.

Mathematics– 4 credits

MAT 121 College Algebra	4 cr.
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Social and Behavioral Sciences – 3 credits

ECO 201 Principles of Macroeconomics	3 cr.
OR	
ECO 202 Principles of Microeconomics	3 cr.

Humanities – 3 credits

SPE 115 Principles of Speech Comm	3 cr.
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Additional Gen Ed Requirements – 3 credits

PHI 112 Ethics	3 cr.
OR	
PSY 101 General Psychology I	
OR	
SOC 101 Intro to Sociology I	

CIS Degree Requirements: 36-38 credits

ACC 121 Principles of Accounting I	4 cr.
AND	
ACC 123 Prin. of Acct I Recitation	1 cr.

AND

ACC 122 Principles of Accounting II	4 cr.
AND	
ACC 124 Prin. of Acct II Recitation	1 cr.

OR

MAN 226 Principles of Management	3 cr.
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AND

CIS 105 Introduction to the PC	1 cr.
CIS 115 Intro to Comp. Info Systems	3 cr.
CIS 188 Intro to CIS Practicum	1 cr.
CIS 116 Logic and Program Design	3 cr.
CIS 188 Logic and Program Practicum	1 cr.
CNT 140 Intro to Networking	3 cr.
CNT 188 Intro to Networking Practicum	1 cr.
CIS 270 Systems Analysis & Design	3 cr.
CIS 271 Adv. System Analysis & Design	3 cr.
CIS 288 Sys. Analysis & Design Pract.	1 cr.

Choose 8 credits from the following:

CSC 150 Visual Basic Programming	3 cr.
CSC 188 Visual Basic Programming Prac.	1 cr.
CSC 151 Advanced Visual Basic	3 cr.
CSC 188 Advanced Visual Basic Prac.	1 cr.

OR

CSC 230 C Language Programming	3 cr.
CSC 288 C Language Programming Prac.	1 cr.
CSC 231 Advanced C Lang. Programming	3 cr.
CSC 288 Advanced C Lang. Prog. Prac.	1 cr.

OR

CSC 240 Java Lang. Programming	3 cr.
CSC 288 Java Lang. Prog. Prac.	1 cr.
CSC 241 Adv.anced Java Programming	3 cr.
CSC 288 Adv. Java Prog. Pract.	1 cr.

Software Applications – 6 credits

CIS 118 Introduction to PC Software	3 cr.
CIS 160 Intro to Presentation Graphics	1 cr.
CIS 188 Intro to PC App Practicum	1 cr.
CIS 123 PC Oper Sys Complete (MSDOS)	3 cr.
CIS 188 PC Operating Sys Practicum	1 cr.
CIS 128 Windows Complete	3 cr.
CIS 188 Windows Complete Practicum	1 cr.
CIS 129 Power Users F/Win (Micro Inf)	3 cr.
CIS 188 Power Users for Win. Practicum	1 cr.
CIS 135 Complete PC Word Processing	3 cr.
CIS 188 Complete PC Word Proc. Pract.	1 cr.
CIS 145 Complete PC Database	3 cr.
CIS 188 Complete PC Database Practicum	1 cr.
CIS 155 Complete PC Spreadsheet	3 cr.
CIS 188 Complete PC Spreadsheet Pract.	1 cr.
CWB 135 Complete Web Editing	3 cr.
CWB 188 Complete Web Editing Pract.	1 cr.
CWB 175 HTML	3 cr.
CWB 188 HTML Practicum	1 cr.

Degree Electives –12 credits from the following:

CSC 150 Visual Basic Programming	3 cr.
CSC 188 Visual Basic Prog. Prac.	1 cr.
CSC 151 Adv. Visual Basic Programming	3 cr.
CSC 188 Adv. Visual Basic Prog. Prac.	1 cr.
CIS 125 PC Operating Systems (1 st for A+)	4 cr.
CIS 188 PC Oper. Sys. (1 st for A+) Prac.	1 cr.
CIS 265 A+ Certification Prep (2 nd for A+)	3 cr.
CIS 288 A+ Cert. Prep (2 nd for A+) Prac.	1 cr.
CIS 220 Unix	3 cr.
CIS 288 Unix Practicum	1 cr.
CIS 221 Advanced Unix	3 cr.
CIS 288 Unix Practicum	1 cr.
CSC 160 Comp. Science I: C++	4 cr.
CSC 188 Comp. Science I: C++	1 cr.
CSC 230 C Language Programming	3 cr.
CSC 288 C Language Programming Prac.	1 cr.
CSC 231 Advanced C Language Prog.	3 cr.
CSC 288 Advanced C Lang. Prog. Prac	1 cr.
CSC 240 Java Programming	3 cr.
CSC 288 Java Programming Practicum	1 cr.
CSC 241 Adv. Java Programming	3 cr.
CSC 288 Adv. Java Prog. Practicum	1 cr.
CNT 210 Network and Oper. Esst.	3 cr.
CNT 288 Network & Oper. Esst. Pract.	1 cr.
CNT 160 Intro to Telecommunications	3 cr.
CNT 188 Intro to Telecommunications	1 cr.
CIS 222 Unix (Linux) Administrator	3 cr.
CIS 288 Unix (Linux) Admin. Prac.	1 cr.
CNT 124 Networking I:N+	3 cr.
CNT 188 Networking I:N+ Practicum	1 cr.
CNT 125 Networking II:N+	3 cr.
CNT 188 Networking II:N+ Practicum	1 cr.
CNT 260 Cisco Network Associate I	5 cr.
CNT 288 Cisco Network I Practicum	1 cr.
CNT 261 Cisco Network Assoc. II	5 cr.
CNT 288 Cisco Network II Practicum	1 cr.
CNT 262 Cisco Network Assoc. III	5 cr.
CNT 288 Cisco Network III Practicum	1 cr.
CNT 263 Cisco Network Assoc. IV	5 cr.
CNT 288 Cisco Network IV Practicum	1 cr.

***Note: Courses can be used only once in this degree.**

Total General Education Credits - 17 credits

Total CIS Requirements - 36-38 credits

Total Software Applications - 6 credits

Degree Electives - 12 credits

Total Required - 71-73 credits



COLLEGE PREP COURSES

Each course is 3 credits except where indicated.

ACT Score	SAT Score	Accu-Placer	English:
15		0-39	ENG 030 Basic Writing Skills, 2 cr
16		40-59	ENG 060 Writing Fundamentals
17		60-85	ENG 090 Basic Composition
18	450	86+	ENG 121 English Composition I
			Reading:
16		0-59	REA 060 Foundations of Reading
17		60-82	REA 090 College Prep Reading
			Math:
15		0-44 ar	MAT 030 Fund. of Mathematics, 2
16		41-60ar	MAT 060 Pre-Algebra
17		40-54ea	MAT 090 Intro. Algebra, 4 cr.
18		55-71ea	MAT 109 Survey of Algebra, 4
19	440	72+ea	MAT 121 College Algebra, 4 cr.

ENGLISH AS A SECOND LANGUAGE

Accu-Placer		
	ESL 021 Basic Grammar/Writing	1-5 cr.
	ESL 022 Intermediate Grammar	3-5 cr.
	ESL 023 Advanced Grammar	3 cr.
	ESL 031 Basic Conversation	1-5 cr.
	ESL 032 Intermediate Conversation	3-5 cr.
	ESL 041 Basic Reading	1-5 cr.
	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	1-3cr.

SCHEDULING SUGGESTIONS

1. Register for your recommended college prep classes the first semester.
2. Take English classes early in your program. They'll help you with all of your other classes!
3. See your advisor about balancing your workload with credit load.
4. If you want to graduate in two years, take a minimum of fifteen college-level credits per semester.
5. Transfer and financial aid students should consult an advisor before registering.

IMPORTANT PHONE NUMBERS:

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

ONLINE AND HYBRID CLASSES

Many of the classes in this degree can be taken "online" or "hybrid" (a combination of outside and in-classroom instruction). Symbols in the semester schedule indicate which classes are offered in either format.

Online/Hybrid Course Information:

<http://www.CCAurora.edu>

Our Website Has The Following Information:

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

TRANSFER INFORMATION

This degree prepares students for entry-level employment in a given occupation or for upgrading or stabilizing employment. This degree is not intended to transfer to baccalaureate degree programs, however certain courses and degrees may be accepted toward a bachelor's degree at certain institutions.

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 PIN 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 number, 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: 303-340-7090.

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:

Norine Domenico, Vice President of Instruction
 Bob Fulcomer, Dean of Business, Math, & Computers
 Karla Adamson-Lesko, Dept. Chair, Computers
 Libby Broughton, Transfer Advisor