

# Community College of Aurora Engineering Transfer Emphasis 2003-2004

**General Information:**

1. **This articulated degree is for students wanting to transfer into an engineering baccalaureate program at a public four-year college in Colorado. Depending upon your school of transfer intention, you may be able to fit these courses into an Associate of Science degree. Talk to an advisor for best course transfer options and more info.**
2. The 2003-2004 Catalog is online at [www.CCAurora.edu](http://www.CCAurora.edu).
3. See the back page for more CCA registration information.

**State Guaranteed General Education for Engineering\***

**Mathematics – (20 credits, 15 transfer)**

	MAT 201 Calculus I	5 cr.
	MAT 202 Calculus II	5 cr.
	MAT 203 Calculus III	4 cr.
	MAT 255 Linear Algebra	3 cr.
	MAT 265 Differential Equations	3 cr.

**Science–(10 credits, 8 credits transfer) \*\***

	PHY 211 Physics:Calculus-based I	5 cr.
	PHY 212 Physics: Calculus-based II***	5 cr.
	<b>OR</b>	
	CHE 111 General College Chemistry I***	

**Humanities and Social Sciences – (9 credits)**

	ECO 201 Prin. Of Macroeconomics	3 cr.
	ECO 202 Prin. Of Microeconomics	3 cr.
	HIS 247 Contemporary World History	3 cr.

**\_\_\_\_\_ Total Guaranteed General Education for Engineering Requirements – 39 cr.**

\*Depending upon your intended transfer institution, you may be able to fit these 39 credits into an Associate of Science degree program, or you may be advised to just complete these 39 credits and not the degree. Contact an advisor for more information.

\*\*Science courses shall be at the college level and shall be appropriate for meeting degree requirements in the Colleges of Engineering.

\*\*\*A student shall have the option of either transferring Physics II or Chemistry I within the Science group.

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**IMPORTANT TRANSFER INFORMATION**

This agreement is between the Community Colleges of Colorado and the Colleges of Engineering at Colorado School of Mines, Colorado State University, Colorado State University-Pueblo, University of Colorado at Boulder, University of Colorado at Colorado Springs and the University of Colorado at Denver.

Under this engineering articulation agreement, general education requirements are specifically selected to comply with lower division course sequences that are prerequisites to the College of Engineering graduation requirements.

The receiving college or university will accept all approved credits earned within ten years of transfer, provided that course content has not changed substantially within that time period. Courses earned more than ten years earlier may be evaluated on a case-by-case basis.

Additional transfer credits in the engineering major, supporting courses, and electives will be handled on a case-by-case basis in accordance with the transfer policies in force at each institution.

**COLLEGE PREP COURSES**

Each course is 3 credits except where indicated.

ACT Score	SAT Score	Accu-Placer	
15		0-39	English: ENG 030 Basic Writing Skills
16		40-59	ENG 060 Writing Fundamentals
17		60-85	ENG 090 Basic Composition
18	450	86+	ENG 121 English Composition I
16		0-59	Reading: REA 060 Foundations of Reading
17		60-82	REA 090 College Prep Reading
			Math:
15		0-44 ar	MAT 030 Fund. Of Math, 2 cr.
16		45-60 ar	MAT 060 Pre-Algebra
17		40-54 ea	MAT 090 Intro. Algebra, 4 cr.
18		55+ ea	MAT 106 Survey of Algebra, 4 cr.
19	440	72+ 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	1-3cr.

**SCHEDULING SUGGESTIONS**

1. Register for your assessment or ACT placement recommended 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.

## ONLINE AND HYBRID CLASSES

Many of the classes in this degree can be taken “online” or “hybrid” (a combination of alternative 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/infosheets>

### 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

### Our Website Has The Following Information:

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

## STUDENT CHECKLIST

\_\_\_ **Application** – Apply in person or online at [www.CCAurora.edu](http://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](http://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](http://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  
Geoff Hunt, Interim Dean, Humanities & Fine Arts  
Les Moroye, Dean, Public Service, Science & WFD  
Libby Broughton, Transfer Advisor