

# STATEWIDE ENGINEERING ARTICULATION AGREEMENT

between

## COLORADO PUBLIC INSTITUTIONS:

Colorado Community College and Occupational Education System  
Arapahoe Community College  
Colorado Northwestern Community College  
Community College of Aurora  
Community College of Denver  
Front Range Community College  
Lamar Community College  
Morgan Community College  
Northeastern Junior College  
Otero Junior College  
Pikes Peak Community College  
Pueblo Community College  
Red Rocks Community College  
Trinidad State Junior College  
Colorado Mountain College  
Aims Community College  
Colorado Mesa University

and/or

## COLORADO PUBLIC INSTITUTIONS WITH COLLEGES OF ENGINEERING OR EQUIVALENT ACADEMIC UNITS:

Adams State University  
Colorado School of Mines  
Colorado State University  
Colorado State University - Pueblo  
Fort Lewis College  
Metropolitan State University of Denver  
University of Colorado Boulder  
University of Colorado Colorado Springs  
University of Colorado Denver

**APPROVED: February, 2009**

**EFFECTIVE: Spring Semester, 2009**

In accordance with C.R.S. 23-1-108.5 (1) and C.R.S. 23-1-108 (7)(a) these participating institutions agree to the following policies governing the transfer of credit among Colorado public institutions for students pursuing baccalaureate majors in Colleges of Engineering or their equivalent. This articulation agreement provides varied options and rich opportunities for Colorado students to pursue engineering programs at their school(s) of choice while respecting the mission and uniqueness of each school and addressing the issue of access and flexibility for students.

This agreement is consistent with Colorado's Statewide Transfer Policy that endorses statewide articulation agreements for professional programs and provides clear expectations of course requirements. **This agreement does not guarantee admission into any particular program.** Students are *strongly* encouraged to contact the institution to which they wish to transfer as early in the process as possible.

## Section I: Program Requirements and Guaranteed Transfer

### A. Institutional graduation requirements

The graduation requirements for an engineering transfer student will be the same as the graduation requirements for a native engineering student, as stipulated in the appropriate publications for the degree granting institution.

### B. Transfer eligible courses for students entering baccalaureate programs offered by Colleges of Engineering or their equivalent

Under this engineering articulation agreement, general education requirements are specifically selected to comply with lower division course sequences that are pre-requisite to College of Engineering graduation requirements, and ABET1 accredited baccalaureate majors. The following specified transfer courses meet general education competencies in mathematics, technology, critical thinking, and communication as specified in gtPathways.

The courses listed in each category below are *eligible* for transfer. The student must contact the institution to which they are transferring to determine **which courses** in each category apply to the degree requirements for a particular program. **Those applicable courses, as determined by the institution to which the student is transferring, are guaranteed for transfer.** See institution to which you are transferring for applicable courses.

### STATE RECOGNIZED General Education for Engineering

**MATHEMATICS** – Please access the link for the institution to which you are transferring.

- Calculus I
- Calculus II
- Calculus III
- Differential Equations
- Linear Algebra
- Discrete Math
- Probability and Statistics

**SCIENCE** – Please access the link for the institution to which you are transferring.

- Calculus-Based Physics I
- Calculus-Based Physics II
- College Level Chemistry I with lab
- College Level Chemistry II with lab
- Biology I with lab
- Biology II with lab

**ARTS & HUMANITIES and SOCIAL & BEHAVIORIAL SCIENCES** – Please access the link for the institution to which you are transferring.

Transferred courses vary by program. Institutions have specific degree requirements in these areas. These courses may also satisfy gtPathways. Please consult the institution to which you are transferring for specific course information. You are required to contact an advisor at those

institutions for specific recommendations as well as the appropriate faculty representative(s) from the pertinent academic units.

**COMMUNICATIONS** – Please access the link for the institution to which you are transferring.

Transferred courses vary by program. Institutions have specific degree requirements in this area. These courses may also satisfy gtPathways. Please consult the institution to which you are transferring for specific course information. You are required to contact an advisor at those institutions for specific recommendations as well as the appropriate faculty representative(s) from the pertinent academic units.

Additional transfers 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.

## **Section II: Advising Practice**

Students are responsible for contacting an advisor at the transferring and destination institutions. Transfer students will be advised with the objective of assuring the continued success of transfer students in engineering programs.

## **Section III: Transfer of Credit**

### **A. Grade Eligibility**

Only academic courses with a letter grade of "C-" or better will be accepted for transfer, *though competitive admissions standards may require minimum grades of "B" in science, mathematics, and engineering courses.*

### **B. Treatment of advanced placement, national standardized test scores, and other non-traditional methods of awarding credit**

Students who have earned acceptable scores on Advanced Placement (AP) or have earned an International Baccalaureate (IB) diploma may be awarded college credit at the destination institution. College credit that is granted will be recorded on a student's transcript in accordance with the destination institution's grade policy, and will count toward graduation *if* the AP or IB courses are consistent with that institution's graduation requirements. If students have questions regarding the transfer of AP or IB credit, they should see their advisor at the destination institution.

### **C. Statute of Limitations**

The destination 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. Credits earned more than ten years earlier may be evaluated on a case-by-case basis.

### **D. Institutional Accreditation**

Transfer credit is guaranteed only under the condition that the transferring institution maintains current accreditation by the Higher Learning Commission of the North Central Association of Colleges and Schools.<sup>2</sup>

### **E. ABET Accreditation**

Programs of engineering will not jeopardize their disposition for continued accreditation by ABET in any decisions regarding the acceptance of transfer credit, and will review and modify this

agreement, as appropriate, on a periodic basis in accordance with accepted practice in engineering accreditation.

## **Section IV: Appeals Process**

### **A. Student Responsibility**

Students are responsible for seeking out and contacting advisors at both the transferring and destination institutions to ensure a smooth transfer experience.

### **B. Institutional Appeal Process**

Students who follow this agreement shall have the right to appeal a transfer decision that appears to be inconsistent with the terms of this agreement. Appeals pertaining to this agreement shall first be filed with the Office of the Dean of Engineering, or equivalent, at the destination institution, with a copy sent to the Governor's Advocate at the Colorado Department of Higher Education (DHE). Every avenue of institutional appeal should be exhausted before filing an appeal with the DHE.

### **C. State Appeal**

If an institution does not respond to a filed appeal within 30 working days, the student may file an appeal with the DHE. Institutional response to an appeal includes but is not limited to a meeting or hearing within the 30 day period, a request for additional information from the student, a written response to the appeal with an explanation for the decision, or a referral to DHE.

If the evidence provided supports that the institution failed to respond within this time frame, then the appeal is ruled in favor of the student. For appeals that are more complex, the Colorado Commission on Higher Education's Board of Appeals will hear the complaint. The decision of the Commission's Board of Appeals is binding.

## V. Review and Updating of the Document

The agreement will be subject to a bi-annual review.

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Name

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Title

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Institution and Campus

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Date

This agreement has been signed by all participating institutions of the agreement; all signed copies of the agreement are maintained in the Academic and Student Affairs unit of the Colorado Department of Higher Education:

Colorado Community College and Occupational Education System

Arapahoe Community College

Colorado Northwestern Community College

Community College of Aurora

Community College of Denver

Front Range Community College

Lamar Community College

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