# 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 Fort Lewis College Front Range Community College Lamar Community College Mesa State College Metropolitan State College of Denver Morgan Community College Northeastern Junior College Otero Junior College Pikes Peak Community College Pueblo Community College Red Rocks Community College Trinidad State Junior College Aims Community College Colorado Mountain College

#### and

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

Colorado School of Mines Colorado State University Colorado State University - Pueblo University of Colorado at Boulder University of Colorado at Colorado Springs University of Colorado at Denver

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 Agreement is consistent with Colorado's Statewide Transfer Policy that endorses statewide articulation agreements for professional programs and provides clear expectations of course requirements.

### Section I: Program Requirements and Guaranteed Transfer

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 degreegranting institution.

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

The state guaranteed general education curriculum for College of Engineering programs will amount to 32 semester-credit-hours.

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. In addition, general education competency requirements in mathematics, technology, critical thinking, and communication are met through the following specified transfer courses:

STATE GUARANTEED General Education for Engineering		Transfer Credit Hrs
MATHEMATICS	Calculus I	8
	Calculus II	
	Calculus III	
	Differential Equations	7
	Linear Algebra	
SCIENCE	Physics I	8
	Physics II or Chemistry I	
HUMANITIES & SOCIAL SCIENCES	Principles of Microeconomics	9
	Principles of Macroeconomics	
	World History	

Notes:

- Science courses shall be at the college level and shall be appropriate for meeting degree requirements in Colleges of Engineering.
- 2. A student shall have the option of either transferring Physics II or Chemistry I within the Science group.

2

<sup>&</sup>lt;sup>1</sup> Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 – telephone 410-347-7700.

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**

Transferring and receiving institutions will advise transferees as appropriate to their academic circumstances, and with the objective of assuring the continuing success of transferee students in College of 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.

- B. Treatment of advanced placement, CLEP and national standardized test scores, and other non-traditional methods of awarding credit.
  - 1. Students who have earned scores on Advanced Placement (AP) or have earned an International Baccalaureate (IB) diploma may be awarded college credit. College credit that is granted will be recorded on a student's transcript in accordance with the receiving institution's grade policy, and will count toward graduation if the AP or IB courses are consistent with the institution's graduation requirements. Credits earned under AP or IB programs in courses designated in Section I of this Agreement are recognized for guaranteed transfer for AP scores of 5, and IB scores of 5, 6 or 7. Students who have earned credit through AP or IB programs, but who have not achieved the scores required for guaranteed transfer, should inquire with their particular receiving institution on the acceptability of their scores for transfer credit. Students should note that credit is not granted for an AP or IB score if the student subsequently completes a college course at the equivalent level.
  - 2. Credits earned through the College Level Examination Program (CLEP) are not accepted for guaranteed transfer under this Agreement.
- C. 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.

- D. This 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. Colleges of Engineering will not jeopardize their disposition for continued accreditation by the Accreditation Board for Engineering and Technology 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. 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 and courses listed in this agreement. Appeals pertaining to this Agreement should be filed with the Office of the Dean of Engineering at the receiving college and a copy to CCHE.

#### B. State Appeal

If an institution does not respond<sup>3</sup> to a filed appeal within 30 days, the student may file an appeal with the Commission. If the evidence 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 Commission's Board of Appeals will hear the complaint. The decision of the Commission is binding.

This Agreement will remain in force until such time as the curriculum of the degree program changes or a participating institution requests reconsideration of the terms of the Agreement.

<sup>&</sup>lt;sup>2</sup> Higher Learning Commission, 30 N. LaSalle Street, Suite 2400, Chicago IL 60602-2504; telephone – 800-621-7440, 312-263-0456; fax – 312-263-7462.

<sup>&</sup>lt;sup>3</sup> 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 a higher authority.

This agreement has been signed by all participating institutions as of May 30, 2003.