



COLORADO

Department of
Higher Education

STATEWIDE TRANSFER ARTICULATION AGREEMENT

for a Bachelor's Degree in

MATHEMATICS

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

**Aims Community College
Arapahoe Community College
Colorado Mountain 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**

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Adams State University*¹ [B.A. Mathematics]
**Colorado Mesa University* [B.S. Mathematics; Mathematics, Secondary Education, or
Statistics concentrations]**
Colorado State University-Ft Collins [B.S. Mathematics]
Colorado State University-Pueblo [B.A. Mathematics; B.S. Mathematics]
Fort Lewis College [B.A. Mathematics; Mathematics option]
Metropolitan State University of Denver [B.A. Mathematics]

¹ *Adams State University and Colorado Mesa University also offer two-year degrees; they are participating in this agreement as both two-year and four-year degree-granting institutions.



University of Colorado Boulder [*B.A. Mathematics*]

University of Colorado Colorado Springs [*B.A. Mathematics; B.S. Mathematics*]

University of Colorado Denver [*B.S. Mathematics*]

University of Northern Colorado [*B.S. Mathematics; Applied Mathematical Sciences or
Liberal Arts emphases*]

Western State Colorado University [*B.A. Mathematics*]

INTRODUCTION




The purpose of a statewide transfer articulation agreement is to identify the courses a student at a Colorado public community college must complete as part of an AA/AS degree to be guaranteed to be able to complete the designated baccalaureate degree program at any public four-year college and university (hereafter referred to as receiving institutions) that offers that program within the minimum number of credits designated by the Colorado Commission on Higher Education.

The guarantees and limitations below describe the minimum requirements to which all participating institutions have agreed.

A complaint related to denial of transfer credits will follow the Colorado Commission on Higher Education student complaint process. A complaint may be filed at <http://highered.colorado.gov/Academics/Complaints/>.

PART ONE: GUARANTEES

Students who complete an AA/AS degree **and** the prescribed curriculum in this statewide transfer articulation agreement **and** are admitted (with no academic deficiencies that require additional coursework) to a receiving institution participating in this agreement are guaranteed the following:

-  Junior standing with no more than 60 remaining credits to meet the graduation requirements for a baccalaureate degree in the degree program covered by this articulation agreement.
-  Completion of the receiving institution's lower division general education requirements as defined by the gtPathways curriculum.
-  The same graduation requirements as students who begin and complete this degree program at the receiving institution.

PART TWO: LIMITATIONS

- ❖ Completion of the curriculum prescribed within this statewide transfer articulation agreement does not guarantee admission to a participating receiving institution. Students must meet all admission and application requirements at the receiving institution including the submission of all required documentation by stated deadlines. Please note: students transferring to a University of Colorado institution (Boulder, Colorado Springs, Denver) must satisfy the CU System's MAPS (Minimum Academic Preparation Standards) requirement.
- ❖ Only courses with grades of C- or higher are guaranteed to transfer.
- ❖ Admission to a receiving institution does not guarantee enrollment in a specific degree program. Some programs at receiving institutions have controlled entry due either to space limitations or academic requirements.
- ❖ The credit and course transfer guarantees described in this agreement apply to the specific degree program covered by this agreement. Receiving institutions will evaluate application of the courses designated in this agreement to other degree programs on a course-by-course basis.
- ❖ Students who wish to use credits awarded by exam, such as AP (Advanced Placement), or IB (International Baccalaureate), to fulfill specific course requirements are responsible for consulting with the institution to which they are transferring to determine whether the credits they have been awarded by exam meet the standards of the receiving institution for specific course equivalents.
- ❖ The receiving institution will accept all applicable credits earned within ten years of transfer to the receiving institution. Credits earned more than ten years earlier will be evaluated on a course-by-course basis.
- ❖ All the courses a student needs to take in the discipline covered by this statewide transfer articulation agreement are listed in the prescribed curriculum. **Any additional courses taken in the discipline covered by this agreement might not count toward the requirements of the major at the receiving institution.** Students can avoid this problem by either taking no more courses in the discipline than the ones identified in the prescribed curriculum or by consulting first with the receiving institution to assure that any additional courses they take in the discipline will count toward the major.

Because of the limitations above, students must consult with the Office of Admissions at the institution to which they are transferring.

PART THREE: PRESCRIBED CURRICULUM

PLEASE NOTE: The degree track in MATHEMATICS with Secondary Teaching Licensure has different requirements and is not included in this agreement. Please refer to this agreement's cover page for the name of the Bachelor's degree at the four-year institution to which this agreement applies.

Courses that Fulfill General Education Requirements			39
	Credit Hours	Community College Course No.	Course Title or Category
(Written) Communication	6	ENG 121 and ENG 122 <u>or</u> ENG 122 and a gtPathways-approved CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) <u>OR</u> English Composition II (GT-CO2) and a gtPathways-approved CO3 course (GT-CO3)
Mathematics	5	MAT 201	Calculus I (GT-MA1)
Arts & Humanities	9		Three gtPathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)
History	3		One gtPathways History course (GT-HI1)
Social & Behavioral Sciences	6		Two gtPathways Social & Behavioral Science courses (GT-SS1, GT-SS2, GT-SS3)
Natural & Physical Sciences	5 5	PHY 211 PHY 212	Calculus-based Physics I (GT-SC1) Calculus-based Physics II (GT-SC1)
Additional Required Courses			16-17
<p>Please note: if these credits are <i>not</i> required for the <i>major</i> at a receiving 4-year institution, they will be applied to the Bachelor's degree as <i>elective credit</i> towards <i>graduation</i>. Please check with the receiving institution to determine in which way these courses will be applied.</p>			
	Credit Hours	Community College Course No.	Course Title
	3	COM 115 <u>or</u> COM 125	Public Speaking <u>OR</u> Interpersonal Communications
	5	MAT 202	Calculus II (GT-MA1)
	4-5	MAT 203 <u>or</u> MAT 204	Calculus III (GT-MA1) <u>OR</u> Calculus III with Engineering Applications (GT-MA1)
	4	CSC 160 ²	Computer Science I
Electives			4-5
Total			60

² CSU-Ft Collins requires a different computer science course than the community college course. Students should seek advising at CSU-Ft Collins for information on the appropriate computer science course to take.

Addendum to Agreement

Students who do not complete an AA/AS degree can use the prescribed curriculum within a statewide transfer articulation agreement as a common advising guide for transfer to all public institutions that offer the designated baccalaureate degree program.

Please note the following:

1. Students are guaranteed application of completed gtPathways courses within the curriculum prescribed in this agreement up to the established maximum in each content area.
2. Except in special cases (e.g., the partial completion of a required sequence of courses or variation in the number of credit hours institutions award for course equivalents), students can expect that courses specified within the prescribed curriculum in this agreement that are successfully completed with a C- or higher will fulfill the relevant course requirements in the designated major.
3. Receiving institutions will evaluate all courses other than those specified in this agreement on a course-by-course basis.

Students transferring without a completed AA/AS degree must consult with the Office of Admissions at the institution to which they are transferring to review the issues identified above and to make sure they meet all admission and application requirements at the receiving institution, including the submission of all required documentation by stated deadlines.

This agreement will remain in force until such time as it is formally modified or terminated.

Dated: April 1, 2011

Colorado Community College System

Printed Name: _____

Signature: _____
Chief Academic Officer

President

Aims Community College

Printed Name: _____

Signature: _____
Chief Academic Officer

President

Colorado Mountain College

Printed Name: _____

Signature: _____
Chief Academic Officer

President

Adams State University

Printed Name: _____

Signature: _____
Chief Academic Officer

President

Colorado Mesa University

Printed Name: _____

Signature: _____
Chief Academic Officer

President

Colorado State University-Ft Collins

Printed Name: _____

Signature: _____

Chief Academic Officer

President

Colorado State University-Pueblo

Printed Name: _____

Signature: _____

Chief Academic Officer

President

Fort Lewis College

Printed Name: _____

Signature: _____

Chief Academic Officer

President

Metropolitan State University of Denver

Printed Name: _____

Signature: _____

Chief Academic Officer

President

University of Colorado Boulder

Printed Name: _____

Signature: _____

Chief Academic Officer

Chancellor

University of Colorado Colorado Springs

Printed Name: _____

Signature: _____

Chief Academic Officer

Chancellor

University of Colorado Denver

Printed Name: _____

Signature: _____

Chief Academic Officer

Chancellor

University of Northern Colorado

Printed Name: _____

Signature: _____

Chief Academic Officer

President

Western State Colorado University

Printed Name: _____

Signature: _____

Chief Academic Officer

President