



CO L O R A D O

**Colorado Commission on
Higher Education**

Department of Higher Education

CCHE AGENDA

August 4, 2016 – 4:00pm

Adams State University

Student Union Building, Room A 130

208 Edgemont Blvd.

Alamosa, CO 81102

CALL-IN NUMBER: 1-877-820-7831

PARTICIPANT CODE: 128479#



Colorado Commission on Higher Education

August 4, 2016

Adams State University

Student Union Building, Room A130

208 Edgemont Blvd., Alamosa, CO

- 4:05 - 4:15pm **I. Opening Business – (10 minutes)**
- A. Attendance
 - B. Approval of the Minutes for the June 2, 2015 Commission Meeting
 - C. Public Comment
- 4:15 - 4:20pm **II. Consent Items (5 minutes)**
- A. Recommend Approval of Bachelor of Arts in Studio Art at Colorado Mesa University – *Dr. Ian Macgillivray*
 - B. Recommend Approval of Bachelor of Science in Computer Engineering at Fort Lewis College – *Dr. Ian Macgillivray*
 - C. Recommend Approval of Associate’s Degree with Academic Designation in Equine Science at Colorado Community College System and Associate’s Degree with Academic Designation in Environmental Horticulture-Landscape Business at Colorado Community College System and Aims Community College– *Dr. Ian Macgillivray*
 - D. Recommend Approval of Bachelor of Arts Degrees in Leadership and Community Engagement and in Atmospheric and Oceanic Sciences at University of Colorado Boulder– *Dr. Ian Macgillivray*
 - E. Recommend Approval of Five New Bachelor of Innovation Degrees at University of Colorado Colorado Springs – *Dr. Ian Macgillivray*
 - F. Recommend Approval of Bachelor of Arts in Elementary Education at University of Colorado Boulder – *Dr. Ian Macgillivray and Dr. Robert Mitchell*
 - G. Two-Year Cash Funded Capital Program List – Colorado State University Fort Collins – Warner College of Natural Resources Addition –*Cat Olukotun*
 - H. Two-Year Cash Funded Capital Program List – Colorado State University Fort Collins – JBS Global Food Innovation Center– *Cat Olukotun*
 - I. Two-Year Cash Funded Capital Program List - Colorado State University Fort Collins – Shields and Elizabeth Underpass– *Cat Olukotun*
 - J. Two-Year Cash Funded Capital Program List – Colorado State University Fort Collins – Temple Grandin Equine Center – *Cat Olukotun*
 - K. Two-Year Cash Funded Capital Program List – Colorado State University Fort Collins – Athletic Practice Fields and Heritage Garden - *Cat Olukotun*



- L. Two-Year Cash Funded Capital Program List – Colorado State University Fort Collins – Richardson Design Center– *Cat Olukotun*
- M. Recommend Approval of Admission Index Changes Which Incorporates the New SAT Test Scores – *Carl Einhaus*
- N. Recommend Approval of Principal Licensure at Colorado Christian University - *Dr. Robert Mitchell*



**Minutes of the Colorado Commission on Higher Education (CCHE) Meeting
Pikes Peak Community College
June 2, 2016**

I. OPENING BUSINESS

Chairman Monte Moses called the meeting to order at 12:40pm.

A. Attendance

Chairman Moses, Commissioners John Anderson, Maia Babbs, Renny Fagan, Jeanette Garcia, Dick Kaufman and BJ Scott attended the meeting. Vice Chair Colon and Commissioner Sandoval attended via conference call.

Also in attendance were CCHE Advisory Committee members Senator Chris Holbert, Wayne Artis, Mark Cavanaugh and Tyrel Jacobsen. Advisor Steve Kreidler attended via conference call.

B. Minutes

Commissioner Anderson moved to approve the minutes of the May 6, 2016 CCHE meeting. The motion was seconded by Commissioner Kaufman and passed unanimously.

C. Welcome

Dr. Homer Wesley, Vice President of Student Services at Pikes Peak Community College, welcomed the Commissioners to the campus.

D. Chair, Vice Chair, Commissioners and Advisor Reports

- Chairman Moses announced the meeting would be the last for both Commissioner Scott and Commissioner Kaufman, as their terms end on June 30, 2016. The Chairman presented the Commissioners with Colorado State Flags, read their proclamations and thanked them for their service.
- Student Success & Academic Affairs Standing Committee - Commissioner Anderson, Chair, updated the Commission on the committee's activities.
- Fiscal Affairs and Audit Standing Committee – Commissioner BJ Scott, Chair, updated the Commission on the committee's activities.

E. Acting Executive Director Report

Jennifer Sobanet, Acting Executive Director, reported the following:

- Diane Duffy will be the new Chief Operating Officer at the Department, as of June 6th.
 - On behalf of the Department, Ms. Duffy attended the annual Western Interstate Commission on Higher Education (WICHE) meeting. This was the last meeting for outgoing President David Longanecker. He will be replaced by former Lt. Governor Joe Garcia.
- The Gallup Index/USA Funds breakfast will be held on June 9th in Denver.
- Also on June 9th will be the “Launch My Career Colorado” event
- Complete College America Convening will be Minneapolis June 30th. Attending will be Commissioners Anderson and Garcia, along with Senator Nancy Todd and Representative Jeni Arndt.

F. Annual Election of CCHE Officers

Commissioner Kaufman nominated Monte Moses for Chairman and Luis Colon for Vice Chairman. Commissioner Anderson seconded the nomination. The Commissioners voted unanimously to elect Monte Moses and Luis Colon to those positions.

II. Consent Items

- A. Degree Authorization Act: Rocky Mountain College of Art and Design – Request for the Renewal of Authorization – Heather DeLange**
- B. Recommend Approval of Master of Arts in Education – Teacher Licensure at Fort Lewis College – Dr. Ian Macgillivray and Dr. Robert Mitchell**
- C. Recommend Approval of Master of Finance at Colorado State University – Dr. Ian Macgillivray**
- D. Recommend Approval of Nine New Degrees at Metropolitan State University of Denver – Dr. Ian Macgillivray**
- E. Recommend Authorization to Offer Supplemental Academic Instruction at University of Northern Colorado – Dr. Ian Macgillivray**
- F. Two-Year Cash Funded Capital Program List Amendment – Colorado Mesa University - Catherine Olukotun**

Commissioner Garcia moved to approve consent items A through F. The motion was seconded by Commissioner Kaufman and unanimously passed.

III. Presentations

Kachina Weaver, Chief Policy Officer, Dr. Beth Bean, Chief Research Officer, and Dr. Tim Flanagan, Chief Student Success and Academic Affairs Officers informed the Commission that the presentations, by Presidents and Vice Presidents of three institutions, would be highlighting programs in their institutions that align with both the four statewide goals of the Master Plan; 1) *Increasing Attainment*; 2) *Improving*

Student Success; 3) Reducing Gaps; and 4) Restoring Fiscal Balance and the Department's three Strategic Priority Initiatives (SPIs): SPI 1-Close the attainment gap by at least half by 2025; SPI 2-Advance College Affordability; and SPI 3-Engage and Educate Adults.

- Dr. Mark Potter, Associate Vice President for Undergraduate Students at Metropolitan State University of Denver explained that MSU Denver is the process of becoming designated as a Hispanic Serving Institution, which will help to close the attainment gap.
- Dr. Patty Erjavec, President of Pueblo Community College, explained that her institution serves the southwest corner of the state. This area has very large Hispanic and Native American populations. Pueblo Community College also a very low socioeconomic status institution. Tuition is low but quality academia is provided to the students, along with a commitment to student success.
- Dr. Becky Takeda-Tinker, President of Colorado State University Global Campus, explained that CSU Global is an online campus that enrolls adults in bachelor's degree completion and master's degree programs.

IV. Discussion Items

A. Legislative Update – Kachina Weaver, Chief Policy Officer, noted the General Assembly ended their session on May 11th with no substantive work being placed on higher education. Ms. Weaver briefly highlighted legislation that was passed during the session.

V. Action Items

A. Recommend Approval of Guaranteed Transfer (GT) Pathways Content Criteria and Competencies - Dr. Ian Macgillivray, Director of Academic Affairs, presented his action item recommending approval of new competencies and content criteria for the state's GT (guaranteed transfer) Pathways curriculum. These competencies and content criteria set a minimum threshold for what students should know and be able to do after passing a state general education, guaranteed-to-transfer course. This information was presented as a discussion item at the Commission's April 1, 2016 meeting. Since that time, the draft competencies and content criteria have been finalized.

Commissioner Anderson stated that the content criteria and competencies were a work in process. He said that untold faculty time has been spent on these competencies and they are worthy of approval. He also recommended staff be able to tinker with them to make non-substantive changes without coming back to the Commission.

Commissioner Babbs asked what the next steps are if these get approved? Dr. Macgillivray replied that faculty will begin the process of revising syllabi to align with the new competencies and content criteria and resubmit them for peer review and approval by CCHE. This will start with Written Communication and Mathematics courses first, because those are the foundational courses, and then do the other content areas in groups over the next 3 years. There will be exploration into an online platform that could make this review process more manageable.

Commissioner Anderson moved to approve the GT Pathways Content Criteria and Competencies. The motion was seconded by Commissioner Kaufman and unanimously passed.

- B. Prior Learning Assessment: Recommendations for Phase 1, Goal 1 – Challenge Exams** - Dr. Ian Macgillivray informed the Commissioners that this action item contained recommendations from the Constituent Review Team (CRT) for Phase 1, Goal 1 of the Commission’s process for a statewide policy on prior learning assessment as regards to challenge exams. The CRT also recommends extending the timeline and due dates, to late 2016, for College Level Examination Program (CLEP) exams; DANTES Subject Standardized Tests (DSST); and for portfolio assessment, to allow for a thorough review by faculty. The Commission considered these recommendations as a discussion item at its April 1, 2016 meeting.

Commissioner Anderson moved to approve the Prior Learning Assessment recommendations. The motion was seconded by Commissioner Scott and unanimously passed.

- C. Recommend Adoption of Resolution of Endorsement of the Colorado Math Pathways Task Force Recommendations** - Dr. Ian Macgillivray presented this action item recommending approval of the Standing Committee on Student Success and Academic Affairs’ recommendation that the Commission adopt a resolution to endorse the recommendations of the Colorado Math Pathways Task Force. Chairman Moses said that this is a move in a positive direction. For middle and high schools this will be a big shift in thinking about how to prepare for higher education. There needs to be a communication plan and lots of support to help K12 understand math pathways.

Commissioner Anderson moved to adopt the resolution of endorsement. The motion was seconded by Commissioner Kaufman and unanimously passed.

- D. Fiscal Year 2016-17 Financial Aid Allocations** – Andrew Rauch, Lead Financial Analyst, presented the annual item seeking approval of the Fiscal Year 2016-17 Financial Aid Allocations for the State’s various financial aid programs. The programs are: undergraduate need, graduate need, work-study, merit programs, and career and technical education financial aid programs.

Commissioner Garcia asked if institutions were still struggling to spend work-study. Ms. Sobanet responded that those concerns were expressed a few years ago when a large infusion of money came into work-study, and institutions were concerned about building capacity fast enough to spend it. It was a one-time concern. Mr. Rauch said that the Department did not see evidence this past year of institutions being unable to spend their work-study allocations.

Commissioner Garcia also asked if the Department will be looking at the completion incentives grant efficacy. Mr. Rauch replied that work will be done this summer.

Commissioner Scott moved to approve the Financial Aid allocation. The motion was seconded by Commissioner Babbs and unanimously passed.

VI. Written Report

A. Annual Report on Remedial Education – Michael Vente, Research and Policy Analyst, presented this year’s Remedial Education report. Mr. Vente outlined several highlights from the report.

- Overall, the percentage of the 2014 high school graduates placed into remediation in at least one subject was 35.4 %, a slight increase from the previous year of 34.2%. Of the 22,853 high school graduates who matriculated to college in Colorado, 7,472 students were not college ready and required at least one remedial course. About 38.6 percent of college female students were not college ready compared to 31.7 percent of college matriculated males.
- At two-year institutions, 82 percent of Black, non-Hispanic students required developmental education. At four-year institutions, 52.5 percent of Black, non-Hispanic students required developmental education. At two-year institutions, almost 70 percent of Hispanic students required developmental education. At four-year institutions, 39 percent of Hispanic students required developmental education. Of Free and Reduced Lunch program participants, 53.4 percent were not college ready compared to 31.4 percent of non-FRL students who were not college ready.
- When examining remediation by subject, most students required remediation in mathematics. For the second year, remedial students had higher first year retention rates than non-remedial students at community colleges. More than 62 percent of all remedial courses were completed successfully, an increase from the previous year. Combined, the estimated cost to the state and estimated tuition cost to the student for remedial courses amount to approximately \$39.3 million in FY2014-15. This is a \$7.8 million dollar savings from last year due to fewer students taking remedial courses and fewer courses being offered.

Commissioner Fagan asked for clarification around the definition for students “assessed” as needing remediation. Mr. Vente explained that the “assessed” term in the report is used to describe students who score below the set cut scores on a variety of tests including the ACT and Accuplacer. DHE receives these data from institutions when students apply.

Commissioner Scott asked if there was a difference between “remedial” and “academically prepared”. Mr. Vente was not aware of any differences between those two terms. He explained that the terms “remedial”, “college ready”, and “developmental education” were used interchangeably throughout the report.

Advisor Cavanaugh and Commissioner Garcia both noted the link between higher retention rates and remediation at community colleges. They both felt more should be done to look into this link. Dr. Artis reminded the Commission that continued attention should be given to the set cut scores given the various initiatives undertaken by the Commission including the implementation of SAI and math pathways. Dr. Bean noted that DHE is working with an outside evaluator on student characteristics and successes with SAI. The report should be available in the fall.

Commissioner Garcia asked what was being done to follow up with those 4-year institutions that aren't offering SAI. Dr. Macgillivray replied that the Department recently found out that all, or most, of those institutions are offering SAI but they haven't notified CDHE or submitted proposals to CCHE. Staff will follow up with them.

Commissioner Fagan asked how the college-ready cut scores in the current Remedial Policy are being revised. Dr. Macgillivray replied that the current policy has one cut score for math, such as an ACT math score of 19, which only indicates readiness for a quantitative reasoning or Math for the Liberal Arts type of math course, not for a math course like Calculus, which would be an ACT math score in the mid to upper 20's. This is where math pathways can help demystify the remedial policy. Rather than one cut score for math, there will be multiple subscores aligned with the math pathway, or math course, required of Arts & Humanities degrees versus Social & Behavioral Science degrees versus STEM, Health Professions and some Business and Economics degrees. There should be a policy that shows the different cut scores and, thus, levels of math preparation required of different career interests/degree paths that will help high school advisors, students and families better understand how to prepare for the math they will need for their chosen degree or certificate.

There being no further business, the meeting was adjourned at 4:30pm

TOPIC: RECOMMEND APPROVAL OF BACHELOR OF ARTS IN STUDIO ART AT COLORADO MESA UNIVERSITY

PREPARED BY: DR. IAN MACGILLIVRAY, DIRECTOR OF ACADEMIC AFFAIRS

I. SUMMARY

This consent item recommends approval for Colorado Mesa University (CMU) to offer a Bachelor of Arts in Studio Art.

II. BACKGROUND

The Colorado Commission on Higher Education's role and responsibility in the review and approval of new academic programs at institutions operating under a performance contract is defined in §23-5-129(6)(b), which states that new and modified program proposals shall be reviewed and approved only on the basis of fit with the institution's statutory role and mission.

III. STAFF ANALYSIS

The following is summarized from CMU's proposal:

A Bachelor of Arts in Studio Art gives students strong technical skills and an art historical background while providing a general exposure to all of the disciplines in the studio art program. The B.A. degree provides students numerous career paths requiring an art education. Students take a variety of 2D and 3D courses in drawing, painting, printmaking, ceramics, and sculpture. Students may customize their degree to meet their individual needs and are well prepared to enter the art field and look for jobs that require a studio art education.

Additional information on this proposed degree, unrelated to fit with statutory role and mission, is in Appendix A.

This degree supports CMU's statutory role and mission, which states in part:

(1) There is hereby established a university at Grand Junction, to be known as Colorado Mesa university, which shall be a general baccalaureate and graduate institution with selective admission standards. Colorado Mesa university shall offer liberal arts and sciences, professional, and technical degree programs and a limited number of graduate programs... (§23-53-101, C.R.S.)

Pursuant to Colorado Revised Statutes 23-5-129(6)(b), department staff finds the proposed degree is consistent with the institution's statutory role and mission and complies with GT Pathways requirements and the 120 credit cap. CMU Board of Trustees approved the degree at its May 23, 2016 meeting.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the Bachelor of Arts in Studio Art at Colorado Mesa University.

V. STATUTORY AUTHORITY

C.R.S. §23-5-129 Governing boards - performance contract - authorization – operations

(6) While operating pursuant to a performance contract negotiated pursuant to this section, the governing board of a state institution of higher education:

(b) Need not consult with nor obtain approval from the Colorado commission on higher education to create, modify, or eliminate academic and vocational programs offered by the institution, so long as such creations, modifications, and eliminations are consistent with the institution's statutory role and mission. Institutions shall submit information to the department demonstrating that the creation or modification of an academic or career and technical education program is consistent with the institution's statutory role and mission. The Colorado commission on higher education shall have the authority to override the creation or modification of an academic or vocational program if the change made by the governing board is inconsistent with the institution's statutory role and mission.

APPENDIX:

Appendix A: Supplemental Information

APPENDIX A: SUPPLEMENTAL INFORMATION

This supplemental information is unrelated to the proposed degree's fit with the institution's statutory role and mission. The following is summarized from the institution's proposal:

EVIDENCE OF NEED

Graduates with the skills and experience gained within a B.A.-based Studio Art degree will be prepared to serve as craft or fine artists. According to the U.S. Bureau of Labor Statistics Occupational Outlook Handbook: "Craft and fine artists use a variety of materials and techniques to create art for sale and exhibition. Craft artists create handmade objects, such as pottery, glassware, textiles, and other objects that are designed to be functional. Fine artists, including painters, sculptors, and illustrators, create original works of art for their aesthetic value, rather than for a functional one." Craft and fine artists held about 50,300 jobs in 2014 and about half were self-employed. The median annual wage for craft and fine artists was \$44,400 in May 2014. Most fine artists earn a bachelor's or master's degree in fine arts in order to improve their skills and job prospects. A formal educational credential is typically not needed for craft artists. Craft and fine artists improve their skills through practice and repetition.

DUPLICATION

A search of approved programs in the SURDS data base revealed no other baccalaureate degrees named "Studio Art."

TOPIC: RECOMMEND APPROVAL OF BACHELOR OF SCIENCE IN
COMPUTER ENGINEERING AT FORT LEWIS COLLEGE

PREPARED BY: DR. IAN MACGILLIVRAY, DIRECTOR OF ACADEMIC AFFAIRS

I. SUMMARY

This consent item recommends approval for Fort Lewis College (FLC) to offer a Bachelor of Science in Computer Engineering.

II. BACKGROUND

The Colorado Commission on Higher Education's role and responsibility in the review and approval of new academic programs at institutions operating under a performance contract is defined in §23-5-129(6)(b), which states that new and modified program proposals shall be reviewed and approved only on the basis of fit with the institution's statutory role and mission.

III. STAFF ANALYSIS

The following is summarized from FLC's proposal:

The Department of Physics and Engineering proposes a new major in Computer Engineering with a start date of Fall of 2017. Computer-based jobs are the fastest growing sector in the country. This degree prepares students for success in this rapidly growing industry and responds to local, regional, and national needs. We propose the 126-credit program be accredited by the Engineering Accreditation Commission (EAC) of ABET. As such, this degree integrates seamlessly into our existing programs in Physics and Engineering while leveraging existing faculty expertise. The program builds on our vision to prepare students with interdisciplinary skills that span the spectrum from discovery to design and readies them for solving problems in the 21st century.

Additional information on this proposed degree, unrelated to fit with statutory role and mission, is in Appendix A.

This degree supports FLC's statutory role and mission, which states in part:

- (1) There is hereby established a college at Durango, to be known as Fort Lewis college, which shall be a public liberal arts college, with selective admission standards with a historic and continuing commitment to Native American education. In addition, the college may offer professional programs and a limited number of graduate programs to serve regional needs. (§23-52-101, C.R.S.)*

Pursuant to Colorado Revised Statutes 23-5-129(6)(b), department staff finds the proposed degree is consistent with the institution's statutory role and mission and complies with GT Pathways requirements. The proposed degree is 126 credits and the Commission granted a waiver for engineering degrees to exceed the 120 credit cap at its April 1, 2004 meeting. FLC Board of Trustees approved the degree at its June 3, 2016 meeting.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the Bachelor of Science in Computer Engineering at Fort Lewis College.

V. STATUTORY AUTHORITY

C.R.S. §23-5-129 Governing boards - performance contract - authorization – operations

(6) While operating pursuant to a performance contract negotiated pursuant to this section, the governing board of a state institution of higher education:

(b) Need not consult with nor obtain approval from the Colorado commission on higher education to create, modify, or eliminate academic and vocational programs offered by the institution, so long as such creations, modifications, and eliminations are consistent with the institution's statutory role and mission. Institutions shall submit information to the department demonstrating that the creation or modification of an academic or career and technical education program is consistent with the institution's statutory role and mission. The Colorado commission on higher education shall have the authority to override the creation or modification of an academic or vocational program if the change made by the governing board is inconsistent with the institution's statutory role and mission.

APPENDIX:

Appendix A: Supplemental Information

APPENDIX A: SUPPLEMENTAL INFORMATION

This supplemental information is unrelated to the proposed degree's fit with the institution's statutory role and mission. The following is summarized from the institution's proposal:

EVIDENCE OF NEED

Student demand is often measured in terms of "hits" on SAT and ACT filtered lists. Looking at our top out-of-state feeder states, we see the following interest levels in Computer Engineering: California (395), Texas (313), Oklahoma (122), Arizona (58), New Mexico (25), Alaska (10). States leading the nation in computer engineering interest are: Illinois (609), Michigan (402), California (395) North Carolina (392) and Ohio (366). Analysis by the admissions department, suggest the interest from ACT "hits" as well as those from the ACT Computer Science category would create a strong pool of potential students and likely populate the major into the 100-150 range within four years.

DUPLICATION

Similar baccalaureate degrees are offered at:

- Colorado State University
- Metropolitan State University of Denver
- University of Colorado Boulder
- University of Colorado Colorado Springs

TOPIC: RECOMMEND APPROVAL OF ASSOCIATE’S DEGREE WITH ACADEMIC DESIGNATION IN EQUINE SCIENCE AT COLORADO COMMUNITY COLLEGE SYSTEM AND ASSOCIATE’S DEGREE WITH ACADEMIC DESIGNATION IN ENVIRONMENTAL HORTICULTURE – LANDSCAPE BUSINESS AT COLORADO COMMUNITY COLLEGE SYSTEM AND AIMS COMMUNITY COLLEGE

PREPARED BY: DR. IAN MACGILLIVRAY, DIRECTOR OF ACADEMIC AFFAIRS

I. SUMMARY

This consent item recommends approval for an associate’s degree with academic designation in Equine Science at Colorado Community College System and an associate’s degree with academic designation in Environmental Horticulture – Landscape Business at Colorado Community College System and Aims Community College.

II. BACKGROUND

These agreements (Appendices A and B) allow students to graduate from a community college with a 60-credit Associate of Arts (AA) or Associate of Science (AS) degree with designation, enroll with junior status at a university and complete the bachelor’s degree in no more than an additional 60 credits (for a total of 120 credits). Colorado currently has thirty-two of these agreements, all of which are linked [here](#).

III. STAFF ANALYSIS

Department staff worked extensively with the General Education (GE) Council and community college faculty in developing these statewide transfer articulation agreements that lead to associate’s degrees with designation. The proposed degrees with designation fit the Aims Community College’s and the Colorado Community College System’s statutory role and mission, meet GT Pathways requirements and are slated for approval by each institution’s/system’s governing boards.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the associate’s degrees with academic designation in Equine Science at Colorado Community College System and an associate’s degree with academic designation in Environmental Horticulture – Landscape Business at Colorado Community College System and Aims Community College, pending approval by each system’s/institution’s governing board.

V. STATUTORY AUTHORITY

C.R.S. §23-1-108 Duties and powers of the commission with regard to system planning

(7)(a) The commission shall establish, after consultation with the governing boards of institutions, and enforce statewide degree transfer agreements between two-year and four-year state institutions of higher education and among four-year state institutions of higher education. Governing boards and state institutions of higher education shall implement the statewide degree transfer agreements and the commission policies relating to the statewide degree transfer agreements. The statewide degree transfer agreements shall include provisions under which state institutions of higher education shall accept all credit hours of acceptable course work for automatic transfer from an associate of arts, associate of applied science, or associate of science degree program in another state institution of higher education in Colorado. The commission shall have final authority in resolving transfer disputes.

C.R.S. §23-60-211 Degrees

(1)...A two-year degree program with academic designation shall only be for a degree program that has a valid student transfer agreement pursuant to section 23-1-108(7)... The community college shall then submit the degree program designation to the board for its review and approval. The community college may offer the degree program only after it has been approved by the board and by the Colorado commission on higher education. The community college shall exclusively use the degree program designation name in official publications, course catalogs, diplomas, and official transcripts.

C.R.S. §23-71-123 Duties of board of trustees – degrees

(3) ...A junior college may offer a two-year degree program with or without academic designation. Before a junior college offers a two-year degree program with academic designation, as authorized by this subsection (3), the junior college shall determine the program designation for the degree. The junior college shall then submit the degree program designation to the board of trustees for its review and approval. The junior college may offer the degree program only after it has been approved by the board of trustees and by the Colorado commission on higher education. The junior college shall exclusively use the degree program designation name in official publications, course catalogs, diplomas, and official transcripts.

APPENDIX:

Appendix A: Equine Science

Appendix B: Environmental Horticulture – Landscape Business

Appendix A

STATEWIDE TRANSFER ARTICULATION AGREEMENT
for a Bachelor of Science Degree in

Equine Science

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Colorado Northwestern Community College [*A.S. Equine Science*]
Lamar Community College [*A.S. Equine Science*]
Morgan Community College [*A.S. Equine Science*]
Northeastern Junior College [*A.S. Equine Science*]
Otero Junior College [*A.S. Equine Science*]
Red Rocks Community College [*A.S. Equine Science*]
Trinidad State Junior College [*A.S. Equine Science*]

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Colorado State University-Ft Collins [*B.S. Equine Science*]

INTRODUCTION

The purpose of a statewide 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.

An appeal related to denial of transfer credits will follow the Colorado Commission on Higher Education student appeal process. An appeal 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 the 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 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 considering 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 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 considering transferring.

PART THREE: PRESCRIBED CURRICULUM – Equine Science

Courses that Fulfill General Education Requirements			
35			
	Credit Hours	Community College Course No.	Course Title or Category
(Written) Communication	6	ENG 121 and ENG 122 OR ENG 122 and a gtPathways–approved CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) OR English Composition II (GT-CO2) and a gtPathways-approved CO3 course (GT-CO3)
Mathematics	4	MAT 121 OR MAT 125 OR higher calculus	College Algebra (GT-MA1) OR Survey of Calculus (GT-MA1) OR higher calculus
Art & Humanities	6		Two guaranteed transfer Arts & Humanities courses from (GT-AH1, GT-AH2, GT-AH3, GT-AH4)
History	3		One guaranteed transfer History course (GT-HI1)
Social & Behavioral Sciences	6	AGE 102 OR ECO 202 and AGR 260*	Agriculture Economics (GT-SS1) OR Principles of Microeconomics (GT-SS1) and World Interdependence (GT-SS3)*
Natural & Physical Sciences	10	BIO 111 and CHE 101 OR CHE 107 OR CHE 111	College Biology I w/lab (GT-SC1) and Introduction to Chemistry I w/ lab (GT-SC1) OR Fundamentals of General Chemistry w/ lab (GT-SC1) OR College Chemistry I w/lab (GT-SC1)
Additional Required Courses			
25			
<i>All Animal/Equine Science Courses require a 'C' or better in order to ensure successful progression in the major.</i>			
	Credit Hours	Community College Course No.	Course Title or Category

Required Courses** (13)			
	4	ASC 102	Introduction to Equine Science
	3	ASC 230	Anatomy & Physiology
	3	COM 115	Public Speaking
	3	MAT 135	Introduction to Statistics (GT-MA1)
Animal/Equine Science Electives (2-3)			
	2-3	ASC 288 OR ASC 250	Livestock Practicum OR Live Animal & Carcass Evaluation
Choose a minimum of 6 credits from the following (courses will fulfill CSU Business Electives): (6)			
	3	CIS 118	Introduction to PC Applications
	3	AGE 205	Farm & Ranch Management
	3	AGE 208	Agriculture Finance
	3	AGE 210	Agriculture Marketing
	4	ACC 121	Accounting
	3	ECO 201	Principles of Macroeconomics (GT-SS1)
Electives (3-4)			
Total 60			

* AGR 260 fulfills CSU's global and cultural awareness requirement

** Courses are directly equivalent to a CSU Equine Science degree requirement.

Addendum to Agreement

Students who do not complete an AA/AS degree can use the prescribed curriculum within a statewide 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. The guarantee that the number of credits required to graduate will be at the State-mandated minimum for this baccalaureate degree program applies only to students who complete the AA/AS degree and the complete curriculum prescribed in this agreement.
2. Students are guaranteed application of completed gtPathways courses within the curriculum prescribed in this agreement up to the established maximum in each category.
3. 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.
4. 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 considering 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.

Appendix B

STATEWIDE TRANSFER ARTICULATION AGREEMENT

for a Bachelor of Science in

Environmental Horticulture – Landscape Business

Between

COLORADO PUBLIC COMMUNITY/JUNIOR COLLEGES

Aims Community College [*A.A., Environmental Horticulture emphasis*]
Colorado Northwestern Community College [*A.S. Environmental Horticulture*]
Front Range Community College [*A.S. Environmental Horticulture*]
Morgan Community College [*A.S. Environmental Horticulture*]
Northeastern Junior College [*A.S. Environmental Horticulture*]
Otero Junior College [*A.S. Environmental Horticulture*]
Trinidad State Junior College [*A.S. Environmental Horticulture*]

and

COLORADO PUBLIC FOUR-YEAR INSTITUTIONS OF HIGHER EDUCATION

Colorado State University-Ft Collins
[*B.S. Environmental Horticulture; Landscape Business concentration*]

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

Courses that Fulfill General Education Requirements				36
	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 166	Pre-Calculus (GT-MA1)	
Arts & Humanities	6		Two gtPathways Arts & Humanities courses from one of the following AH Categories: GT-AH1, GT-AH2, GT-AH4	
History	3		One gtPathways History course (GT-HI1)	
Social & Behavioral Sciences	6	ECO 201 ECO 202 <u>OR</u> AGE 102	Principles of Macroeconomics (GT-SS1) Principles of Microeconomics (GT-SS1) <u>OR</u> Agricultural Economics	
Natural & Physical Sciences	10	BIO 221 <u>OR</u> BIO 112 and CHE 101 <u>OR</u> CHE 107 <u>OR</u> CHE 111	General Botany w/ Lab (GT-SC1) <u>OR</u> General College Biology II w/ Lab (GT-SC1) and Introduction to Chemistry <u>OR</u> Fundamentals of Chemistry <u>OR</u> General Chemistry I (GT-SC1)	
Additional Required Courses				15-23
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.				
	Credit Hours	Community College Course No.	Course Title	
<i>Choose at least 15 credits and no more than 23 credits of coursework from the list below. If you choose to take just the minimum of 15 credits, then you will need the 8 credits of recommended HLT electives below.</i>				
	1 or 3	AAA 101 (1cr) <u>OR</u> AAA 109 (3cr)	College: Student Experience <u>OR</u> Advanced Academic Achievement	
(substitution for ACT 205)	3-4	ACC 101 <u>OR</u> ACC 121 <u>OR</u> ACC 226	Fundamentals of Accounting <u>OR</u> Accounting Principles I <u>OR</u> Cost Accounting	
	3	CIS 118	Introduction to PC Applications	
(substitution for BSPM 302 & 303B)	4	HLT 202	Plant Health Care	
	4	HLT 240 <u>OR</u> AGY 240	Introductory Soil Science <u>OR</u> Introductory Soil Science (GT-SC1)	
	4	HLT 101 <u>OR</u>	Introduction to Horticulture <u>OR</u>	

		HLT 100 OR AGY 100	Horticulture Science OR General Crop Production
<i>(substitution for BUS 205)</i>	3	MAN 230	Corporate Ethics and Social Responsibility
	5	SPA 111	Spanish Language
Recommended Electives:			8
<i>Choose additional HLT courses (except for HLT 208; 216 & 249)</i>			
Total			60

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:

5. Students are guaranteed application of completed gtPathways courses within the curriculum prescribed in this agreement up to the established maximum in each content area.
6. 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.
7. 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.

TOPIC: RECOMMEND APPROVAL OF BACHELOR OF ARTS DEGREES IN LEADERSHIP AND COMMUNITY ENGAGEMENT AND IN ATMOSPHERIC AND OCEANIC SCIENCES AT UNIVERSITY OF COLORADO BOULDER

PREPARED BY: IAN MACGILLIVRAY, DIRECTOR OF ACADEMIC AFFAIRS

I. SUMMARY

This consent item recommends approval for University of Colorado Boulder (UCB) to offer Bachelor of Arts degrees in Leadership and Community Engagement and in Atmospheric and Oceanic Sciences.

II. BACKGROUND

COMMISSION AUTHORITY

The Colorado Commission on Higher Education's role and responsibility in the review and approval of new academic programs at institutions operating under a performance contract is defined in §23-5-129(6)(b), which states that new and modified program proposals shall be reviewed and approved only on the basis of fit with the institution's statutory role and mission.

III. STAFF ANALYSIS

OVERVIEW OF PROPOSED PROGRAM

The following is summarized from UCB's proposal:

Bachelor of Arts in Leadership and Community Engagement

The School of Education (SoE) is seeking to create a new Bachelor's Degree in Leadership and Community Engagement (LCE). The major capitalizes on the expertise of SoE faculty in how people learn and lead in settings outside of K-12 schools – in community settings, non-profit organizations, and public systems. The LCE meets the demand from students who seek to become leaders in addressing complex public challenges facing communities in the state of Colorado and beyond. Post-BA professional pathways include community or non-profit organizations, higher education, international development, urban planning, social work, government, and elected office. We emphasize that "leadership" in this major is not for K12 school leadership (e.g., principals or superintendents), which has its own profession and training pathway. The LCE focuses on conceptual understanding of social change processes and development of leadership that catalyzes and sustains community development. Linking leadership studies to community engagement places a premium on students developing knowledge and skills to work with, learn from, and help build

the capacities of ordinary citizens in collective efforts to engage complex systems. This major will require students to get a dual degree, by completing a second degree in the College of Arts and Sciences with a major in either a Social Sciences or Arts and Humanities field. For Social Sciences, these options are: Anthropology, Political Science, Sociology, Ethnic Studies, Women and Gender Studies, and Geography. For Arts and Humanities, these options are: English, Jewish Studies, Philosophy, Spanish & Portuguese, and Asian Studies.

Bachelor of Arts Atmospheric and Oceanic Sciences

This is a Bachelor of Arts degree in Atmospheric and Oceanic Sciences to be offered by the CU Boulder Department of Atmospheric and Oceanic Sciences (ATOC) within the College of Arts and Sciences. It is not in collaboration with any other program, department, school, college, or campus. It is an interdisciplinary STEM (Science, Technology, Engineering and Math) degree program, in that core disciplines such as math, physics, chemistry, and computational science are merged in an applied curriculum focused on Earth's climate system. Students will study the dynamical, physical, and chemical processes that occur in the atmosphere and ocean. A major theme is establishing a physical science basis for observing, modeling, and understanding the roles of the atmosphere and oceans in the Earth's climate system.

Additional information on this proposed degree, unrelated to fit with statutory role and mission, is in Appendix A.

ROLE AND MISSION SUPPORT

This degree supports UCB's statutory role and mission, which states:

(a) The Boulder campus of the University of Colorado shall be a comprehensive graduate research university with selective admission standards. The Boulder campus of the University of Colorado shall offer a comprehensive array of undergraduate, master's, and doctoral degree programs. The Boulder campus of the University of Colorado has exclusive authority to offer graduate programs in law. The Colorado commission on higher education, in consultation with the board of regents, shall designate those graduate level programs that are the primary responsibility of the Boulder campus of the University of Colorado. The university has the responsibility to provide on a statewide basis, utilizing when possible and appropriate the faculty and facilities of other educational institutions, those graduate level programs. The commission shall include in its funding recommendations a level of general fund support for these programs. (23-20-101, C.R.S.)

Pursuant to Colorado Revised Statutes 23-5-129(6)(b), Department staff finds the proposed degrees are consistent with the institution's statutory role and mission. The degrees comply with GT Pathways requirements and the 120 credit cap. University of Colorado Board of Regents approved the program at its April 5, 2016 meeting.

IV. STAFF RECOMMENDATION

Staff recommends that the Commission approve the Bachelor of Arts degrees in Leadership and Community Engagement and in Atmospheric and Oceanic Sciences at University of Colorado Boulder.

V. STATUTORY AUTHORITY

C.R.S. §23-5-129 Governing boards - performance contract - authorization – operations

(6) While operating pursuant to a performance contract negotiated pursuant to this section, the governing board of a state institution of higher education:

(b) Need not consult with nor obtain approval from the Colorado commission on higher education to create, modify, or eliminate academic and vocational programs offered by the institution, so long as such creations, modifications, and eliminations are consistent with the institution's statutory role and mission. Institutions shall submit information to the department demonstrating that the creation or modification of an academic or career and technical education program is consistent with the institution's statutory role and mission. The Colorado commission on higher education shall have the authority to override the creation or modification of an academic or vocational program if the change made by the governing board is inconsistent with the institution's statutory role and mission.

APPENDIX:

Appendix A: Supplemental Information

APPENDIX A: SUPPLEMENTAL INFORMATION

This supplemental information is unrelated to the proposed degree's fit with the institution's statutory role and mission. The following is summarized from the institution's proposal:

EVIDENCE OF NEED

Bachelor of Arts in Leadership and Community Engagement

The LCE proposal responds to evidence that a significant portion of the millennial generation has an interest in prosocial or community-oriented work (Council of Economic Advisors, 2014). The Chamber of Commerce reported in 2012 that 21 percent of "top college graduates" had their sights set on nonprofit careers or teaching. There is a large portion of CU Boulder students who want to leverage their academic learning to become leaders who do good in the world. An LCE major will prepare students for workforce pathways: community organizations and non-profit organizations; higher education; government or elected office; urban planning or local government; or social work. The Leadership Studies Minor began in the spring of 2014 led by the Newton Chair for Leadership Studies and became part of the School of Education in spring 2015. Since 2014 we have seen growth in student enrollment in the LEAD 1000 and LEAD 4000 courses, partly through students declaring the minor from existing certificate programs and partly through new students from across campus. This growth illustrates that there is interest and demand among students for leadership studies.

Bachelor of Arts Atmospheric and Oceanic Sciences

A main purpose of an ATOC degree program is to prepare students to work as professionals in the field or to pursue graduate study. An undergraduate degree in atmospheric and oceanic sciences is directly relevant to jobs in renewable energy industries, the insurance industry (e.g., weather- and climate-related events), air and water quality monitoring, the military, aerospace industries, weather forecasting, national agencies or organizations such as NOAA, EPA, DOE and NCAR that are involved in environmental research, and academic institutions. Because of the rigorous STEM emphasis of an ATOC major, our students will learn the requisite quantitative skills and be well prepared for high-tech careers or future education and training in a broad range of fields. ATOC courses are designed to encourage students to develop the critical thinking, problem solving, reasoning, analytical, and communication skills that will provide them with the necessary versatility for long-term success in their chosen area.

Student demand has been gauged through national statistics, surveys of ATOC courses, and enrollment in the ATOC minor. Based on this data, we expect to enroll about 100 majors spread over four years of study. According to a 2016 National Science Foundation report of Science and Engineering Indicators, from 2000-2013 the annual number of Bachelor's degrees awarded by U.S. institutions in atmospheric science or oceanography increased by

50%, to 989. Since 2011 the ATOC minor has been awarded, on average, to 27 students per year; there are currently 110 students enrolled in the minor. In a survey of 565 students in ATOC classes in Fall 2014, representing ~25% of the (non-duplicate) students we taught in AY 2014-2015, 70 students indicated they "definitely" would have majored in ATOC had they had the opportunity, with an additional 107 students saying they "maybe" would have majored in ATOC. Notably, the students had just been told the high level of math that would be required for an ATOC major. We also have anecdotal evidence that many students have turned down admission to CU or transferred out because we do not offer a major in atmospheric and oceanic sciences. We expect that most, if not all, majors will be full-time students.

DUPLICATION

Bachelor of Arts in Leadership and Community Engagement

Although CU Denver and CU Colorado Springs, as well as other Colorado institutions of higher education, offer interdisciplinary minors in Leadership Studies, no other colleges in Colorado currently offer a major in the broad subject in Leadership Studies or our more targeted focus on Leadership and Community Engagement. The closest parallel we could find is the BA in Public Service offered by the UCD School of Public Administration, which has some overlap in objectives, but not identical curriculum.

Bachelor of Arts Atmospheric and Oceanic Sciences

No other Colorado institution offers a comprehensive bachelor's degree in the combined field of atmospheric and oceanic sciences. The system-level approach ATOC offers is unique in providing the necessary foundation for understanding the physical processes that cause global and regional climate change, feedbacks in the sun-earth system, and the consequences for local and global weather. Colorado State University offers M.S. and Ph.D. degrees in atmospheric sciences, but they do not offer an undergraduate Bachelors degree. Metropolitan State University of Denver (Metro State) offers a Bachelor of Science in Meteorology. The degree focuses on preparing students for employment in fields related to weather forecasting and meteorological research; it does not emphasize oceanography or climate science. The University of Northern Colorado (UNC) offers a Bachelor of Science in Earth and Atmospheric Sciences with an emphasis in Meteorology. Like Metro State, the UNC program focuses on the study of weather, not climate.

TOPIC: RECOMMEND APPROVAL OF FIVE NEW BACHELOR OF INNOVATION DEGREES AT UNIVERSITY OF COLORADO COLORADO SPRINGS

PREPARED BY: IAN MACGILLIVRAY, DIRECTOR OF ACADEMIC AFFAIRS

I. SUMMARY

This consent item recommends approval for University of Colorado Colorado Springs (UCCS) to offer the following five Bachelor of Innovation (B.I.) degrees:

1. B.I. in Chemistry
2. B.I. in Communication – Digital Filmmaking
3. B.I. in Visual and Performing Arts – Museum Studies and Gallery Practice
4. B.I. in Visual and Performing Arts – Music
5. B.I. in Women’s and Ethnic Studies

II. BACKGROUND

COMMISSION AUTHORITY

The Colorado Commission on Higher Education’s role and responsibility in the review and approval of new academic programs at institutions operating under a performance contract is defined in §23-5-129(6)(b), which states that new and modified program proposals shall be reviewed and approved only on the basis of fit with the institution’s statutory role and mission.

III. STAFF ANALYSIS

OVERVIEW OF PROPOSED PROGRAMS

The following is summarized from UCCS’s proposal:

B.I. in Chemistry

The BI degree in Chemistry combines academic studies and professional training to prepare students for variety of careers in chemical sciences. The degree is structured so that students gain a depth of understanding in chemistry and a breadth of humanities, other sciences, business and entrepreneurship. The major is composed of a Chemistry core, Auxiliary requirements, Innovation core, Cross-discipline core, and LAS and Compass Curriculum courses. The Innovation core introduces students to entrepreneurship, grant and proposal writing, and team projects with regional organizations. These team projects align with Chemistry’s professional practice focus. The Cross-discipline component includes business, engineering technology, and globalization.

B.I. in Communication – Digital Filmmaking

The Bachelor of Innovation™ in Communication – Digital Filmmaking will provide students with both the technical background and skills of a classical Bachelor of Arts in Communication plus the team skills to work on innovative projects including the ability to: (1) recognize the broader issues in engineering technology-related problems or in global innovation problems; (2) understand the business, legal and societal constraints affecting this technology; and (3) have the ability to communicate the key issues, needs, potential options, and final solution to a challenge. The program seeks to prepare students for successful careers and lifelong learning. In addition to the technical competence to be expected of a graduate with a bachelor degree in digital filmmaking, students will develop the critical thinking skills, multifaceted team oriented skills and basic innovation background to ensure that they can effectively compete in the changing career landscape in areas driven by innovation.

B.I. in Visual and Performing Arts – Museum Studies and Gallery Practice

The Bachelor of Innovation in Visual and Performing Arts (VaPA) - Museum Studies & Gallery Practice (MSGP) combines academic studies and professional training to prepare you for variety of careers at museums, galleries, science centers, cultural centers, historical societies, etc. The degree is structured so that you will not only gain a depth of understanding in museum studies and art history, but also a breadth of other arts disciplines, business, and entrepreneurship.

B.I. in Visual and Performing Arts – Music

The Bachelor of Innovation in Visual and Performing Arts – Music combines academic studies and professional training for a variety of careers in the broad spectrum of professional music performance, recording, management, etc. The major is composed of a Music core, a VaPA interdisciplinary core, the LAS general education and Compass Curriculum requirements, and one of four possible cross-disciplinary components. Combined with the existing tracks in VaPA – Music, it will provide students with more meaningful choices to fit their specific interests and career aspirations.

B.I. in Women’s and Ethnic Studies

The Bachelor of Innovation™ in Women’s and Ethnic Studies will provide students with both the background skills of a classical Bachelor’s Degree in Women’s and Ethnic Studies plus the technical and team skills to work on innovative projects including the ability to: (1) recognize the broader issues in engineering technology-related problems or in global innovation problems; (2) understand the business, legal and societal constraints affecting this technology; and (3) have the ability to communicate the key issues, needs, potential options, and final solution to a challenge. The program seeks to prepare students for successful careers and lifelong learning. In addition to the normal competence to be expected of a graduate with a bachelor degree in women’s and ethnic studies, students will develop the critical thinking skills, multifaceted team oriented skills and basic innovation background to ensure that they can effectively compete in the changing career landscape in areas driven by innovation.

Additional information on the proposed degrees, unrelated to fit with statutory role and mission, is in Appendix A.

ROLE AND MISSION SUPPORT

The degrees support UCCS's statutory role and mission, which states:

(c) The Colorado Springs campus of the university of Colorado shall be a comprehensive baccalaureate and specialized graduate research university with selective admission standards. The Colorado Springs campus shall offer liberal arts and sciences, business, engineering, health sciences, and teacher preparation undergraduate degree programs, and a selected number of master's and doctoral degree programs. (23-20-101, C.R.S.)

Pursuant to Colorado Revised Statutes 23-5-129(6)(b), Department staff finds the proposed degrees are consistent with the institution's statutory role and mission. The degrees comply with GT Pathways requirements and the 120 credit cap. University of Colorado Board of Regents approved the programs at its June 17, 2016 meeting.

IV. STAFF RECOMMENDATION

Staff recommends that the Commission approve the five Bachelor of Innovation degrees at University of Colorado Colorado Springs.

V. STATUTORY AUTHORITY

C.R.S. §23-5-129 Governing boards - performance contract - authorization – operations

(6) While operating pursuant to a performance contract negotiated pursuant to this section, the governing board of a state institution of higher education:

(b) Need not consult with nor obtain approval from the Colorado commission on higher education to create, modify, or eliminate academic and vocational programs offered by the institution, so long as such creations, modifications, and eliminations are consistent with the institution's statutory role and mission. Institutions shall submit information to the department demonstrating that the creation or modification of an academic or career and technical education program is consistent with the institution's statutory role and mission. The Colorado commission on higher education shall have the authority to override the creation or modification of an academic or vocational program if the change made by the governing board is inconsistent with the institution's statutory role and mission.

APPENDIX:

Appendix A: Supplemental Information

APPENDIX A: SUPPLEMENTAL INFORMATION

This supplemental information is unrelated to the proposed degree's fit with the institution's statutory role and mission. The following is summarized from the institution's proposal:

EVIDENCE OF NEED

B.I. in Chemistry

The Bachelor of Innovation in Chemistry addresses a need to prepare professional chemists for a much more entrepreneurial work environment that chemists have traditionally faced. By honing students' creative, collaborative and entrepreneurial skills, this program better prepares the students who choose it to compete in the field.

B.I. in Communication – Digital Filmmaking

The Bachelor of Innovation™ family of programs provides a unique program in the state and in the nation. The Bachelor of Innovation™ is not just preparation for a career it is about teaching critical thinking and transforming the students for their own continuing self-innovation. The Bachelor of Innovation in Communication – Digital Filmmaking brings this unique focus to an inherently collaborative, technology-intensive and rapidly expanding field.

B.I. in Visual and Performing Arts – Museum Studies and Gallery Practice

The Bachelor of Innovation™ serves as both preparation for a career and a rigorous approach to critical thinking and transforming the students for their own continuing self-innovation. The Bachelor of Innovation in VaPA- MSGP prepares students to function at a very high level in the field of gallery management, which requires both technical expertise in museum practice and advanced entrepreneurial and collaborative skills.

B.I. in Visual and Performing Arts – Music

The Bachelor of Innovation™ family of programs directly addresses a national need and provides a unique program in the state and in the nation. The uniqueness of the program, and the strong teaming nature, is expected to prepare students with interdisciplinary skills they would ordinarily not be exposed to in a traditional version of the degree. The Bachelor of Innovation™ is not just preparation for a career; it is about teaching critical thinking and transforming the students for their own continuing self-innovation. The Bachelor of Innovation in Visual and Performing Arts – Music will prepare students for careers in Film and TV scoring, game design soundtracks, web-based music creation, record label creation, and to teach and work across genres, styles, traditions and cultural contexts.

B.I. in Women's and Ethnic Studies

The Bachelor of Innovation™ family of programs attracts students that might otherwise forego technology degrees and, at the same time, to expose non-technology students to enough technology to make them better team players when working with technologists. The Bachelor of Innovation™ is not just preparation for a career it is about teaching critical thinking and transforming the students for their own continuing self-innovation. The

Bachelor of Innovation in Women's and Ethnic Studies creates a crucial and unique opportunity for students to prepare themselves to be significant participants in a global conversation about the impact of technology on issues of diversity and inclusion.

DUPLICATION

B.I. in Chemistry

There are multiple other undergraduate programs in chemistry in the State of Colorado; however, there are none that are also part of the Bachelor of Innovation family of degrees. The other chemistry programs in the state are not equivalent to the proposed UCCS program by virtue of the applied focus of this track. Students experience the BI core, emphasizing teamwork, innovation, and entrepreneurial skills.

B.I. in Communication – Digital Filmmaking

There are multiple other undergraduate programs in filmmaking in the State of Colorado; however, there are none that are also part of the Bachelor of Innovation family of degrees. Students experience the BI core, emphasizing teamwork, innovation, and entrepreneurial skills.

B.I. in Visual and Performing Arts – Museum Studies and Gallery Practice

The UCCS Visual and Performing Arts BA is unique in its interdisciplinary focus. This program, as part of the BI family of degrees, has no direct parallel in the state.

B.I. in Visual and Performing Arts – Music

There are multiple other undergraduate programs in music in the State of Colorado; however, there are none that are also part of the Bachelor of Innovation family of degrees. The other music programs in the state are not equivalent to the proposed UCCS program by virtue of the applied focus of this track. Students experience the BI core, emphasizing teamwork, innovation, and entrepreneurial skills. In addition, the existing VaPA BA in Music is already unique in the state due to the interdisciplinary core all students in the various VaPA tracks share in common.

B.I. in Women's and Ethnic Studies

The UCCS Women's and Ethnic Studies program is already distinctive in its interdisciplinarity. The addition of the BI core, emphasizing teamwork, innovation, and entrepreneurial skills makes this program even more unique.

TOPIC: RECOMMEND APPROVAL OF BACHELOR OF ARTS IN
ELEMENTARY EDUCATION AT THE UNIVERSITY OF
COLORADO BOULDER

PREPARED BY: DR. IAN MACGILLIVRY, DIRECTOR OF ACADEMIC AFFAIRS
AND DR. ROBERT MITCHELL, ACADEMIC POLICY OFFICER FOR
EDUCATOR PREPARATION

I. SUMMARY

This consent item recommends approval of a Bachelor of Arts in Elementary Education with educator endorsements in Elementary Education (8.02) and in Culturally and Linguistically Diverse Education (8.22) at the University of Colorado Boulder (UCB)

II. BACKGROUND

COMMISSION AUTHORITY

The Colorado Commission on Higher Education's role and responsibility in the review and approval of new academic programs at institutions operating under a performance contract is defined in §23-5-129(6)(b), which states that new and modified program proposals shall be reviewed and approved only on the basis of fit with the institution's statutory role and mission.

In the case of educator preparation programs, an additional review is required. C.R.S. §23-1-121 requires the Colorado Commission on Higher Education to consider approval of all educator preparation programs at public and private institutions of higher education, after such institutions have received an affirmative recommendation from the State Board of Education.

The process for initial approval of new educator preparation programs is as follows:

- The Colorado Department of Higher Education (DHE) reviews an application, through the parameters of the Degree Authorization Act, for operational compliance. If the program meets the requirements, DHE makes a recommendation to the Colorado Commission on Higher Education (CCHE) for "provisional authorization".
- The Colorado Department of Education (CDE) conducts a review of the endorsement program, to ensure its content is designed and implemented in a manner that will enable a candidate to meet the requirements for licensure in Colorado (C.R.S. §22-60.5).
- Following that review, CDE makes a recommendation to the State Board of Education for consideration.
- If the State Board of Education (SBOE) approves the application, the approval is forwarded to DHE.
- Upon receiving an approval from SBOE, DHE reviews the proposed program for the following statutory performance criteria [C.R.S. §23-1-121(2)]:
 - a comprehensive admission system;

- ongoing advising and screening of candidates; integration of theory and practice in coursework and field-based training;
- supervised field-based experience; and,
- assessment of candidates' subject matter and professional knowledge and ability to apply the professional knowledge base.
- DHE would then forward a recommendation for approval or denial to CCHE.

III. STAFF ANALYSIS

UCB is currently approved to offer endorsements in both Elementary Education (8.02) and in Culturally and Linguistically Diverse Education (8.22) as part of another degree. Therefore, the Colorado Department of Education determined that a re-review and formal approval from the Colorado State Board of Education was not required in this instance. Pursuant to C.R.S. §23-1-121(2), department staff reviewed the proposal and confirmed it meets the statutory performance criteria. The following is summarized from the institution's proposal:

1. **Comprehensive admission system:** The institution has developed admissions criteria that include:

- Students must meet minimum requirements as established by the MAPS program at CU Boulder
- Students must meet a minimum GPA level of 2.5 and satisfactory SAT/ACT scores

Admissions decisions are made at the College of Education in collaboration with the institutional admissions team. Meeting minimum requirements, however, does not ensure admission, as the program is seeking to limit admissions to no more than 30 students in each of the first two years of this new program. A provisional admissions process has been established for those students not meeting minimum requirements, but students are required to make satisfactory academic progress while under their provisional status.

2. **Ongoing screening and advising:** Advising for this program will be conducted by both the faculty in the College of Education and the centralized advising center within the College. Students will be provided a recommended course of study that will allow them to complete the program in eight semesters (120 credit hours). Further, the program has been intentionally developed to provide transition spaces for those students who may elect not to pursue a career as a classroom instructor.

3. **Course work and field-based training integrate theory and practice and educates candidates in methodologies, practices and procedures of teaching standards-based education, specifically in teaching the content defined in the Colorado Academic Standards:** Specifically, educator preparation programs are reviewed to ensure that:

- a) An appropriate mix of general education, content knowledge and professional knowledge exists;
- b) Teachers understand Teacher Quality Standards (Rule 5.00, *Rules for the Administration of the Educator Licensing Act of 1991, 2016 revision*), that principals understand

Principal Quality Standards (Rule 6.00, *Rules for the Administration of the Educator Licensing Act of 1991, 2016 revision*), and Colorado Academic Standards; and

- c) That educator preparation programs have a commitment to equity and excellence (C.R.S. §22-7-403), that teachers are able to prepare students to actively participate in democracy (C.R.S. §22-7-1002), and to ensure that K-12 students will be post-secondary and workforce ready (C.R.S. §22-7-1008).

The College has developed fieldwork experiences that directly connect to the coursework completed by the student. For example, content taught in the foundational courses such as EDUC 3013 – School and Society, will be referenced during early fieldwork experiences, as well as formal fieldwork courses such as EDUC 5595 – Practicum in Multicultural, Bilingual and ESL Education. The linkage between the coursework and the fieldwork is a strength of this program. The program will build in the required 800 hours of school-based experiences required for Colorado teacher licensure.

4. **Candidate skills and content knowledge:** Various key assessments have been developed by the institution to evaluate student success and ability to serve as an educator with novice proficiency (or greater) upon their program completion. These assessments include:
- Student surveys (both pre and post student teaching)
 - The EdTPA – a nationally normed comprehensive assessment of teacher ability
 - Student teaching assessments related to the Colorado Teacher Quality Standard Rubrics

With the use of these multiple assessments over a four-year span of student development, the institution can ensure adequate assessment of student strengths and development areas.

5. **Continual improvement:**

The institution is involved in national accreditation efforts with the Council on the Accreditation of Educator Preparation (CAEP). As a result, they are required to submit a yearly update plan on continual improvement and undergo a comprehensive program evaluation on a seven year rotational basis. The institution is committed to this process and to ensure continual improvement within the College of Education.

Additional information on this proposed degree, unrelated to fit with statutory role and mission or educator preparation requirements, is in Appendix A.

ROLE AND MISSION SUPPORT

This degree supports UCB's statutory role and mission, which states:

(a) The Boulder campus of the University of Colorado shall be a comprehensive graduate research university with selective admission standards. The Boulder campus of the University of Colorado shall offer a comprehensive array of undergraduate, master's, and doctoral degree programs. The Boulder campus of the University of Colorado has exclusive authority to offer graduate programs in law. The Colorado commission on higher education, in consultation with the board of regents, shall designate those graduate level programs that are the primary responsibility of the Boulder campus of the University of Colorado. The university has the responsibility to provide on a statewide basis,

utilizing when possible and appropriate the faculty and facilities of other educational institutions, those graduate level programs. The commission shall include in its funding recommendations a level of general fund support for these programs. (23-20-101 C.R.S.)

Pursuant to Colorado Revised Statutes §23-5-129(6)(b), department staff finds the proposed degree is consistent with the institution's statutory role and mission and meets the educator preparation requirements in §23-1-121, C.R.S. The degree complies with GT Pathways requirements and the 120 credit cap. The University of Colorado Board of Regents approved the program at its June 17, 2016 regular meeting.

IV. STAFF RECOMMENDATION

Staff recommends that the Commission approve the Bachelor of Arts in Elementary Education at the University of Colorado Boulder.

III. STATUTORY AUTHORITY

C.R.S. §23-5-129 Governing boards - performance contract - authorization – operations

(6) While operating pursuant to a performance contract negotiated pursuant to this section, the governing board of a state institution of higher education:

(b) Need not consult with nor obtain approval from the Colorado commission on higher education to create, modify, or eliminate academic and vocational programs offered by the institution, so long as such creations, modifications, and eliminations are consistent with the institution's statutory role and mission. Institutions shall submit information to the department demonstrating that the creation or modification of an academic or career and technical education program is consistent with the institution's statutory role and mission. The Colorado commission on higher education shall have the authority to override the creation or modification of an academic or vocational program if the change made by the governing board is inconsistent with the institution's statutory role and mission.

C.R.S. §23-1-121-Commission directive - approval of educator preparation programs – review

(2) The commission shall adopt policies establishing the requirements for educator preparation programs offered by institutions of higher education. The department shall work in cooperation with the state board of education in developing the requirements for educator preparation programs. At a minimum, the requirements shall ensure that each educator preparation program complies with section 23-1-125, is designed on a performance-based model, and includes:

(a) A comprehensive admission system that includes screening of a candidate's dispositions for the field in which he or she is seeking licensure, consideration of a candidate's academic preparation for entry into his or her desired endorsement area or areas, and preadmission advising for students who are considering becoming candidates. The department shall work in collaboration with the programs to define any dispositions considered to be appropriate for

educators.

- (b) Ongoing advising and screening of candidates by practicing educators or faculty members;
- (c) Course work and field-based training that integrates theory and practice and educates candidates in the methodologies, practices, and procedures of standards-based education, as described in parts 4 and 10 of article 7 of title 22, C.R.S., and specifically in teaching to the state academic standards adopted pursuant to section 22-7-406, C.R.S., or, beginning December 15, 2012, teaching to the state preschool through elementary and secondary education standards adopted pursuant to section 22-7-1005, C.R.S.;
- (d) A requirement that, during the course of the preparation program, each teacher candidate in an initial licensure program complete a minimum of eight hundred hours, each principal and administrator candidate complete a minimum of three hundred hours, and each other advanced degree or add-on endorsement candidate complete appropriate supervised field-based experience that relates to predetermined learning standards and includes best practices and national norms related to the candidate's endorsement;
- (e) A requirement that each candidate, prior to graduation, must demonstrate the skills required for licensure, as specified by rule of the state board of education pursuant to section 22-2-109 (3), C.R.S., in the manner specified by rule of the state board;
- (f) Comprehensive, ongoing assessment including evaluation of each candidate's subject matter and professional knowledge and ability to demonstrate skill in applying the professional knowledge base.

APPENDIX:

Appendix A: Supplemental Information

APPENDIX A: SUPPLEMENTAL INFORMATION

This supplemental information is unrelated to the proposed degree's fit with the institution's statutory role and mission. The following is summarized from the institution's proposal:

EVIDENCE OF NEED

The Bureau of Labor Statistics Occupational Outlook Handbook states that, "Employment of kindergarten and elementary school teachers is projected to grow 6 percent from 2014 to 2024...growth is expected because of projected increases in student enrollment." Colorado's teacher preparation institutions have experienced a 20% decline in enrollment since 2010 and can not currently keep up with the demand for qualified teachers -- particularly in hard-to-staff areas including bilingual educators and those who hold CLD endorsements. Approximately 10% of students in Colorado schools are emerging bilingual students who need teachers with this expertise. English Language Learners are the fastest growing school-aged population in the United States. According to Flynn and Hill (2005), while the overall number of school-aged children increased by 19% between 1979 and 2003, the number of non-native English speakers grew by 124%. In the 2012-2013 school year, approximately 9.2% of the public school student population, an estimated 4.4 million students, were classified as English learners (Institute of Education Sciences, 2015). Bilingual education and English Language Acquisition are both listed in the Department of Education's list of "high need" areas for low-income schools.

There is strong interest by currently admitted licensure students in an education degree. Students report that they would prefer pursuing an education major than a major in another content area while trying to complete the elementary licensure requirements. Many students complete a degree at CU Boulder and then go on to do alternative licensure pathways due to the lack of an education major at CU Boulder's campus. We anticipate admitting a cohort of 30 first year students when the program launches in the fall of 2017. The second year of the program we aim to admit another cohort of 30 students.

DUPLICATION

This program model is very common across the country and is becoming a preferred approach in the teacher preparation field for elementary education. Institutions currently offering an undergraduate degree in elementary education include: Fort Lewis College, Regis University, University of Phoenix and Western State Colorado University.

TOPIC: TWO-YEAR CASH FUNDED CAPITAL PROGRAM LIST
AMENDMENT – COLORADO STATE UNIVERSITY FORT COLLINS
- WARNER COLLEGE OF NATURAL RESOURCES ADDITION

PREPARED BY: CATHERINE OLUKOTUN, LEAD FINANCE ANALYST

I. SUMMARY

This consent item is to amend the Two-Year Cash Funded Capital Program list for Colorado State University - Fort Collins presented to the Colorado Commission on Higher Education (CCHE) on March 4, 2016.

The list is amended to reflect the addition of the construction of the Warner College of Natural Resources Addition, which will construct 37,400 square feet addition on the south side of the existing Warner College of Natural Resources; add classrooms; a student success center; and, offices for the college.

This project has been on the Capital Construction Budget Request (CCBR) submitted to CCHE for several years and has not been funded. A recent donation has provided the remaining cash funds necessary to launch the project.

II. BACKGROUND

Under state law, C.R.S. 23-1-106(7) the Colorado Commission on Higher Education and the legislative Capital Development Committee must consider and approve Two-Year cash funded capital program lists, any amendments to the list, and program plans for any project using the Intercept program. Governing boards have the authority to submit new Two-Year lists and amendments to the CCHE or Capital Development Committee (CDC) at any point during the fiscal year. However, projects on the Two-Year list may not commence until both the CCHE and the CDC consider and approve the list. If a project is amended or the cost for an approved project changes by more than 15% of the original total, the CCHE must review the submission.

Every December, a comprehensive Two-Year Cash Funded Capital Program list comprised of all Governing Board projects is submitted to CCHE for approval. The list is then forwarded to the CDC for approval in January.

The CCHE's authority to review these projects is defined and described in state law. Pursuant to C.R.S. 23-1-106(9)(a) the CCHE's authority to review cash funded, non-Intercept projects is limited to receiving cost information from the public institution about the project, and forwarding the Two-Year Capital Projection list to the Capital Development Committee. The Commission has limited authority to review cash funded projects and no official approval authority for individual non-Intercept projects. Rather, state law grants authority and responsibility for the review and approval of such projects to the public institution's governing board. For cash funded, Intercept projects, the CCHE's authority is outlined in C.R.S. 23-1-106(10)(a), which

gives the Commission the authority to review any program plan for a project meeting this designation.

III. STAFF ANALYSIS

The construction of the Warner College of Natural Resources Addition will benefit students, faculty, and staff at the Warner College of Natural Resources as well as in the larger university.

The addition, on the northeast side of the existing building, will house classrooms, instructional laboratories, a large auditorium, study space, and meeting/collaboration space. The university asserts that the condition of the existing facility and a shortage of the type of space this project will provide impose severe limitations on curriculum development, increasing enrollment, and the types and levels of research that can be conducted.

Undergraduate student enrollment in the program grew by 38 percent from 2009 to 2013 and is on track to grow by another 30 percent in the next 10 to 20 years. The building in which the program is housed was built in 1975 and has had no significant renovations or additions since.

Table 1 displays the total cost for the Warner College of Natural Resources Addition project.

**Table 1:
Two-Year Cash Funded Capital Program
FY 2016-17 List**

CF	\$20,200.00
FF	\$0.00
TF	<i>20,200,000</i>

The project is described briefly below:

“Warner College of Natural Resources Addition” – The project will construct a new addition to the existing building and will house classrooms, instructional laboratories, a large auditorium, study space, and meeting/collaboration space. The addition is centered around student needs, and the building will serve as the focus of the college’s community outreach and student engagement. CSU -FC is requesting \$20.2 million in cash spending authority expected to be funded through donations. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the amended Two-Year Cash Funded Capital Program List Amendment for Colorado State University – Fort Collins and forward the list to the Office of State Planning and Budgeting, and the Capital Development Committee.

V. STATUTORY AUTHORITY

C.R.S. 23-1-106(7)(c)(I) The commission annually shall prepare a unified, two-year capital improvements report for projects to be constructed or acquired pursuant to subsection (9) or (10) of this section and estimated to require total project expenditures exceeding two million dollars, coordinated with education plans. The commission shall transmit the report to the office of state planning and budgeting, the governor, and the general assembly, consistent with the executive budget timetable.

(II) (A) The commission shall submit the two-year projections prepared by each state institution of higher education for each two-year period to the office of state planning and budgeting and the capital development committee. The capital development committee shall conduct a hearing in each regular legislative session on the projections and either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each projection.

(B) A state institution of higher education may submit to the staff of the capital development committee, the commission, and the office of state planning and budgeting an amendment to its approved two-year projection. The capital development committee shall conduct a hearing on the amendment within thirty days after submission during a regular legislative session of the general assembly or within forty-five days after submission during any period that the general assembly is not in regular legislative session. The capital development committee shall either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each amendment.

(10) (a) (I) The commission shall review and approve any plan for a capital construction or capital renewal project for an auxiliary facility that is estimated to require total expenditures exceeding two million dollars and that is to be acquired or constructed and operated and maintained solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139.

(II) The commission shall review and approve any plan for a capital construction or capital renewal project for an academic facility that is estimated to require total expenditures exceeding two million dollars, that is to be acquired or constructed solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139, and that is operated and maintained from such cash funds or from state moneys appropriated for such purpose, or both. Any capital construction or capital renewal project subject to this subparagraph (II) must comply with the high performance standard certification program established pursuant to section 24-30-1305.5, C.R.S.

ATTACHMENT A: Two-Year Cash Funded Capital Program List – Colorado State University
– Fort Collins - Warner College of Natural Resources Addition.

Form CC-LCF

Two-Year Capital Construction - List of Cash Funded Projects
 FY 2015-16 to FY 2016-17
 Revised 7/2016-amendment 3

Prepared By: Shelly Carroll

Phone: 970-221-5858

E-Mail: Shelly.Carroll@Colostate.edu

Institution Name:		Colorado State University-Fort Collins					
Project Title:		LSC West Lawn and Lagoon upgrade					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	2,000,000	Renovation and Expansion		Auxiliary	
Federal Funds	FF			Intercept Project:	No	Est. Start Date:	March-16
Total Funds	TF	\$	2,000,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)	January-15	Funding Method:	Non-Appropriated Fee
Project Title:		Human Performance and Clinical Research Laboratory Addition					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	2,500,000	Renovation and Expansion		Academic	
Federal Funds	FF			Intercept Project:	No	Est. Start Date:	June-16
Total Funds	TF	\$	2,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	January-18
				List Approval Date (month/year)	March-16	Funding Method:	Gift/Donation
Project Title:		South Campus Infrastructure					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	11,300,000	Renovation and Expansion		Academic	
Federal Funds	FF			Intercept Project:	Yes	Est. Start Date:	March-16
Total Funds	TF	\$	11,300,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-18
				List Approval Date (month/year)	March-16	Funding Method:	Other
Project Title:		Prospect Road Underpass					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	6,000,000	New Construction		Auxiliary	
Federal Funds	FF			Intercept Project:	Yes	Est. Start Date:	November-15
Total Funds	TF	\$	6,000,000	DHE Approved Program Plan:	Pending	Est. Completion Date:	September-16
				List Approval Date (month/year)	October-15	Funding Method:	Non-Appropriated Fee
Project Title:		Purchase of Whitcomb Street Houses					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	2,300,000	New Construction		Auxiliary	
Federal Funds	FF	\$	-	Intercept Project:	No	Est. Start Date:	May-16
Total Funds	TF	\$	2,300,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	May-16
				List Approval Date (month/year)	March-16	Funding Method:	Other

Project Title:		JBS Food Innovation Center in honor of Gary and Kay Smith					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	14,100,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$	-	Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	14,100,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Warner College of Natural Resources Addition					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	20,200,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	20,200,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Shields St Underpass and at grade improvements					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	10,800,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	10,800,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Other
Project Title:		Temple Grandin Equine Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	8,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	8,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Richardson Design Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	16,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	16,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	January-19
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Athletic Practice Fields and Heritage Garden					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	4,000,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	4,000,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Gift/Donation

TOPIC: TWO-YEAR CASH FUNDED CAPITAL PROGRAM LIST
AMENDMENT – COLORADO STATE UNIVERSITY FORT
COLLINS- JBS GLOBAL FOOD INNOVATION CENTER

PREPARED BY: CATHERINE OLUKOTUN, LEAD FINANCE ANALYST

I. SUMMARY

This consent item is to amend the Two-Year Cash Funded Capital Program list for Colorado State University - Fort Collins presented to the Colorado Commission on Higher Education (CCHE) on March 4, 2016.

The list is amended to reflect the addition of the construction of the JBS Global Food Innovation Center. This project will construct an addition to the south of the Animal Sciences building. The addition will provide space for food animal holding, judging and processing, classrooms, offices, laboratories, culinary kitchen and small retail space for meat sales. This project will benefit faculty, staff and students in the College of Agricultural Sciences as well as the larger agricultural community in the state of Colorado.

II. BACKGROUND

Under state law, C.R.S. 23-1-106(7) the Colorado Commission on Higher Education and the legislative Capital Development Committee must consider and approve Two-Year cash funded capital program lists, any amendments to the list, and program plans for any project using the Intercept program. Governing boards have the authority to submit new Two-Year lists and amendments to the CCHE or Capital Development Committee (CDC) at any point during the fiscal year. However, projects on the Two-Year list may not commence until both the CCHE and the CDC consider and approve the list. If a project is amended or the cost for an approved project changes by more than 15% of the original total, the CCHE must review the submission.

Every December, a comprehensive Two-Year Cash Funded Capital Program list comprised of all Governing Board projects is submitted to CCHE for approval. The list is then forwarded to the CDC for approval in January.

The CCHE's authority to review these projects is defined and described in state law. Pursuant to C.R.S. 23-1-106(9)(a) the CCHE's authority to review cash funded, non-Intercept projects is limited to receiving cost information from the public institution about the project, and forwarding the Two-Year Capital Projection list to the Capital Development Committee. The Commission has limited authority to review cash funded projects and no official approval authority for individual non-Intercept projects. Rather, state law grants authority and responsibility for the review and approval of such projects to the public institution's governing board. For cash funded, Intercept projects, the CCHE's authority is outlined in C.R.S. 23-1-106(10)(a), which gives the Commission the authority to review any program plan for a project meeting this designation.

III. STAFF ANALYSIS

The construction of the JBS Global Food Innovation Center will allow students, faculty, and researchers access a top-ranking Meat Science program. Plans include a complete livestock and meat processing center, spanning the meat-animal harvesting process, fully equipped with a livestock arena, holding and harvesting areas, a research and development center and sensory analysis room, an auditorium lecture hall and meat demonstration classroom, and a retail meat and dairy store and café. The Center will train students to understand animal behavior when handling animals, as well as provide the opportunity to work with the humane livestock-handling systems.

Table 1 displays the total cost for the JBS Global Food Innovation Center project.

**Table 1:
Two-Year Cash Funded Capital Program
FY 2016-17 List**

CF	\$14,100.00
FF	\$0.00
TF	<i>\$14,100,000</i>

The project is described briefly below:

“JBS Global Food Innovation Center” – This project will construct an addition to the south of the Animal Sciences building and provide space for food animal holding, judging and processing, classrooms, offices, laboratories, culinary kitchen and small retail space for meat sales. CSU -FC is requesting \$14.1 million in cash spending authority through donations to the University. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the amended Two-Year Cash Funded Capital Program List Amendment for Colorado State University – Fort Collins and forward the list to the Office of State Planning and Budgeting, and the Capital Development Committee.

V. STATUTORY AUTHORITY

C.R.S. 23-1-106(7)(c)(I) The commission annually shall prepare a unified, two-year capital improvements report for projects to be constructed or acquired pursuant to subsection (9) or (10) of this section and estimated to require total project expenditures exceeding two million dollars, coordinated with education plans. The commission shall transmit the report to the office of state planning and budgeting, the governor, and the general assembly, consistent with the executive budget timetable.

(II) (A) The commission shall submit the two-year projections prepared by each state institution of higher education for each two-year period to the office of state planning and budgeting and the capital development committee. The capital development committee shall conduct a hearing in each regular legislative session on the projections and either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each projection.

(B) A state institution of higher education may submit to the staff of the capital development committee, the commission, and the office of state planning and budgeting an amendment to its approved two-year projection. The capital development committee shall conduct a hearing on the amendment within thirty days after submission during a regular legislative session of the general assembly or within forty-five days after submission during any period that the general assembly is not in regular legislative session. The capital development committee shall either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each amendment.

(10) (a) (I) The commission shall review and approve any plan for a capital construction or capital renewal project for an auxiliary facility that is estimated to require total expenditures exceeding two million dollars and that is to be acquired or constructed and operated and maintained solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139.

(II) The commission shall review and approve any plan for a capital construction or capital renewal project for an academic facility that is estimated to require total expenditures exceeding two million dollars, that is to be acquired or constructed solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139, and that is operated and maintained from such cash funds or from state moneys appropriated for such purpose, or both. Any capital construction or capital renewal project subject to this subparagraph (II) must comply with the high performance standard certification program established pursuant to section 24-30-1305.5, C.R.S.

ATTACHMENT A: Two-Year Cash Funded Capital Program List – Colorado State University – Fort Collins- JBS Global Food Innovation Center.

Form CC-LCF

Two-Year Capital Construction - List of Cash Funded Projects
 FY 2015-16 to FY 2016-17
 Revised 7/2016-amendment 3

Prepared By: Shelly Carroll

Phone: 970-221-5858

E-Mail: Shelly.Carroll@Colostate.edu

Institution Name:	Colorado State University-Fort Collins		
Project Title:	LSC West Lawn and Lagoon upgrade		

Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,000,000	Renovation and Expansion	Auxiliary
Federal Funds	FF		Intercept Project: No	Est. Start Date: March-16
Total Funds	TF	\$ 2,000,000	DHE Approved Program Plan: N/A	Est. Completion Date: August-17
			List Approval Date (month/year): January-15	Funding Method: Non-Appropriated Fee

Project Title:	Human Performance and Clinical Research Laboratory Addition		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,500,000	Renovation and Expansion	Academic
Federal Funds	FF		Intercept Project: No	Est. Start Date: June-16
Total Funds	TF	\$ 2,500,000	DHE Approved Program Plan: N/A	Est. Completion Date: January-18
			List Approval Date (month/year): March-16	Funding Method: Gift/Donation

Project Title:	South Campus Infrastructure		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 11,300,000	Renovation and Expansion	Academic
Federal Funds	FF		Intercept Project: Yes	Est. Start Date: March-16
Total Funds	TF	\$ 11,300,000	DHE Approved Program Plan: N/A	Est. Completion Date: August-18
			List Approval Date (month/year): March-16	Funding Method: Other

Project Title:	Prospect Road Underpass		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 6,000,000	New Construction	Auxiliary
Federal Funds	FF		Intercept Project: Yes	Est. Start Date: November-15
Total Funds	TF	\$ 6,000,000	DHE Approved Program Plan: Pending	Est. Completion Date: September-16
			List Approval Date (month/year): October-15	Funding Method: Non-Appropriated Fee

Project Title:	Purchase of Whitcomb Street Houses		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,300,000	New Construction	Auxiliary
Federal Funds	FF	\$ -	Intercept Project: No	Est. Start Date: May-16
Total Funds	TF	\$ 2,300,000	DHE Approved Program Plan: N/A	Est. Completion Date: May-16
			List Approval Date (month/year): March-16	Funding Method: Other

Project Title:		JBS Food Innovation Center in honor of Gary and Kay Smith					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	14,100,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$	-	Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	14,100,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Warner College of Natural Resources Addition					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	20,200,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	20,200,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Shields St Underpass and at grade improvements					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	10,800,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	10,800,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Other
Project Title:		Temple Grandin Equine Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	8,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	8,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Richardson Design Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	16,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	16,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	January-19
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Athletic Practice Fields and Heritage Garden					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	4,000,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	4,000,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Gift/Donation

TOPIC: TWO-YEAR CASH FUNDED CAPITAL PROGRAM LIST
AMENDMENT – COLORADO STATE UNIVERSITY FORT
COLLINS- SHIELDS AND ELIZABETH UNDERPASS

PREPARED BY: CATHERINE OLUKOTUN, LEAD FINANCE ANALYST

I. SUMMARY

This consent item is to amend the Two-Year Cash Funded Capital Program list for Colorado State University - Fort Collins presented to the Colorado Commission on Higher Education (CCHE) on March 4, 2016.

The list is amended to reflect the addition of the construction of the Shields and Elizabeth Underpass. This project will develop a proposed underpass and surface lane, crossing improvements at or near the intersection of South Shields Street and West Elizabeth Street. This project is part of an Intergovernmental Agreement that Colorado State University Fort Collins has with the City of Fort Collins.

II. BACKGROUND

Under state law, C.R.S. 23-1-106(7) the Colorado Commission on Higher Education and the legislative Capital Development Committee must consider and approve Two-Year cash funded capital program lists, any amendments to the list, and program plans for any project using the Intercept program. Governing boards have the authority to submit new Two-Year lists and amendments to the CCHE or Capital Development Committee (CDC) at any point during the fiscal year. However, projects on the Two-Year list may not commence until both the CCHE and the CDC consider and approve the list. If a project is amended or the cost for an approved project changes by more than 15% of the original total, the CCHE must review the submission.

Every December, a comprehensive Two-Year Cash Funded Capital Program list comprised of all Governing Board projects is submitted to CCHE for approval. The list is then forwarded to the CDC for approval in January.

The CCHE's authority to review these projects is defined and described in state law. Pursuant to C.R.S. 23-1-106(9)(a) the CCHE's authority to review cash funded, non-Intercept projects is limited to receiving cost information from the public institution about the project, and forwarding the Two-Year Capital Projection list to the Capital Development Committee. The Commission has limited authority to review cash funded projects and no official approval authority for individual non-Intercept projects. Rather, state law grants authority and responsibility for the review and approval of such projects to the public institution's governing board. For cash funded, Intercept projects, the CCHE's authority is outlined in C.R.S. 23-1-106(10)(a), which gives the Commission the authority to review any program plan for a project meeting this designation.

III. STAFF ANALYSIS

The construction of the Shields and Elizabeth Underpass will benefit faculty, staff and students living to the west of Shields Street, providing greatly improved pedestrian and bicycle safety. Many CSU students live on the west side of Shields Street and cross into campus at this intersection. As the city and the university have grown over the years this intersection has become increasingly busy, and the safety of pedestrians and bicyclists is a major concern. The proposed underpass will ease congestion on the intersection and allow a safer way to cross the intersection at Shields St. and Elizabeth.

Table 1 displays the total cost for the Shields and Elizabeth Underpass project.

Table 1:
Two-Year Cash Funded Capital Program
FY 2016-17 List

CF	\$10,800.00
FF	\$0.00
TF	<i>\$10,800,000</i>

The project is described briefly below:

“Shields and Elizabeth Underpass” – This project will construct a bike and pedestrian underpass at the intersection of two major arterials on the west side of main campus, Elizabeth and Shields Streets. There will also be grade-separated pedestrian and bike crossings or other improvements to address crossing issues on Shields Street between Laurel Street and Bennett Court. CSU -FC is requesting \$10.8 million in cash spending authority expected to be funded through university funds.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the amended Two-Year Cash Funded Capital Program List Amendment for Colorado State University – Fort Collins and forward the list to the Office of State Planning and Budgeting, and the Capital Development Committee.

V. STATUTORY AUTHORITY

C.R.S. 23-1-106(7)(c)(I) The commission annually shall prepare a unified, two-year capital improvements report for projects to be constructed or acquired pursuant to subsection (9) or (10) of this section and estimated to require total project expenditures exceeding two million dollars, coordinated with education plans. The commission shall transmit the report to the office of state planning and budgeting, the governor, and the general assembly, consistent with the executive budget timetable.

(II) (A) The commission shall submit the two-year projections prepared by each state institution of higher education for each two-year period to the office of state planning and budgeting and the capital development committee. The capital development committee shall conduct a hearing in each regular legislative session on the projections and either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each projection.

(B) A state institution of higher education may submit to the staff of the capital development committee, the commission, and the office of state planning and budgeting an amendment to its approved two-year projection. The capital development committee shall conduct a hearing on the amendment within thirty days after submission during a regular legislative session of the general assembly or within forty-five days after submission during any period that the general assembly is not in regular legislative session. The capital development committee shall either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each amendment.

(10) (a) (I) The commission shall review and approve any plan for a capital construction or capital renewal project for an auxiliary facility that is estimated to require total expenditures exceeding two million dollars and that is to be acquired or constructed and operated and maintained solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139.

(II) The commission shall review and approve any plan for a capital construction or capital renewal project for an academic facility that is estimated to require total expenditures exceeding two million dollars, that is to be acquired or constructed solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139, and that is operated and maintained from such cash funds or from state moneys appropriated for such purpose, or both. Any capital construction or capital renewal project subject to this subparagraph (II) must comply with the high performance standard certification program established pursuant to section 24-30-1305.5, C.R.S.

ATTACHMENT A: Two-Year Cash Funded Capital Program List – Colorado State University
– Fort Collins - Shields and Elizabeth Underpass.

Form CC-LCF

Two-Year Capital Construction - List of Cash Funded Projects
 FY 2015-16 to FY 2016-17
 Revised 7/2016-amendment 3

Prepared By: Shelly Carroll

Phone: 970-221-5858

E-Mail: Shelly.Carroll@Colostate.edu

Institution Name:	Colorado State University-Fort Collins		
Project Title:	LSC West Lawn and Lagoon upgrade		

Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,000,000	Renovation and Expansion	Auxiliary
Federal Funds	FF		Intercept Project: No	Est. Start Date: March-16
Total Funds	TF	\$ 2,000,000	DHE Approved Program Plan: N/A	Est. Completion Date: August-17
			List Approval Date (month/year): January-15	Funding Method: Non-Appropriated Fee

Project Title:	Human Performance and Clinical Research Laboratory Addition		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,500,000	Renovation and Expansion	Academic
Federal Funds	FF		Intercept Project: No	Est. Start Date: June-16
Total Funds	TF	\$ 2,500,000	DHE Approved Program Plan: N/A	Est. Completion Date: January-18
			List Approval Date (month/year): March-16	Funding Method: Gift/Donation

Project Title:	South Campus Infrastructure		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 11,300,000	Renovation and Expansion	Academic
Federal Funds	FF		Intercept Project: Yes	Est. Start Date: March-16
Total Funds	TF	\$ 11,300,000	DHE Approved Program Plan: N/A	Est. Completion Date: August-18
			List Approval Date (month/year): March-16	Funding Method: Other

Project Title:	Prospect Road Underpass		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 6,000,000	New Construction	Auxiliary
Federal Funds	FF		Intercept Project: Yes	Est. Start Date: November-15
Total Funds	TF	\$ 6,000,000	DHE Approved Program Plan: Pending	Est. Completion Date: September-16
			List Approval Date (month/year): October-15	Funding Method: Non-Appropriated Fee

Project Title:	Purchase of Whitcomb Street Houses		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,300,000	New Construction	Auxiliary
Federal Funds	FF	\$ -	Intercept Project: No	Est. Start Date: May-16
Total Funds	TF	\$ 2,300,000	DHE Approved Program Plan: N/A	Est. Completion Date: May-16
			List Approval Date (month/year): March-16	Funding Method: Other

Project Title:		JBS Food Innovation Center in honor of Gary and Kay Smith					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	14,100,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$	-	Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	14,100,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Warner College of Natural Resources Addition					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	20,200,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	20,200,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Shields St Underpass and at grade improvements					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	10,800,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	10,800,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Other
Project Title:		Temple Grandin Equine Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	8,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	8,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Richardson Design Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	16,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	16,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	January-19
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Athletic Practice Fields and Heritage Garden					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	4,000,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	4,000,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Gift/Donation

TOPIC: TWO-YEAR CASH FUNDED CAPITAL PROGRAM LIST
AMENDMENT – COLORADO STATE UNIVERSITY FORT
COLLINS- TEMPLE GRANDIN EQUINE CENTER

PREPARED BY: CATHERINE OLUKOTUN, LEAD FINANCE ANALYST

I. SUMMARY

This consent item is to amend the Two-Year Cash Funded Capital Program list for Colorado State University - Fort Collins presented to the Colorado Commission on Higher Education (CCHE) on March 4, 2016.

The list is amended to reflect the addition of the construction of the Temple Grandin Equine Center. This project will construct a new arena on the Foothills Campus to be used for research and teaching of equine-assisted activities and therapies. It will include riding arenas, barn, therapy areas and space for clients and families. This project was originally approved on the 2-year cash list in Dec 2013, but authorization has expired.

II. BACKGROUND

Under state law, C.R.S. 23-1-106(7) the Colorado Commission on Higher Education and the legislative Capital Development Committee must consider and approve Two-Year cash funded capital program lists, any amendments to the list, and program plans for any project using the Intercept program. Governing boards have the authority to submit new Two-Year lists and amendments to the CCHE or Capital Development Committee (CDC) at any point during the fiscal year. However, projects on the Two-Year list may not commence until both the CCHE and the CDC consider and approve the list. If a project is amended or the cost for an approved project changes by more than 15% of the original total, the CCHE must review the submission.

Every December, a comprehensive Two-Year Cash Funded Capital Program list comprised of all Governing Board projects is submitted to CCHE for approval. The list is then forwarded to the CDC for approval in January.

The CCHE's authority to review these projects is defined and described in state law. Pursuant to C.R.S. 23-1-106(9)(a) the CCHE's authority to review cash funded, non-Intercept projects is limited to receiving cost information from the public institution about the project, and forwarding the Two-Year Capital Projection list to the Capital Development Committee. The Commission has limited authority to review cash funded projects and no official approval authority for individual non-Intercept projects. Rather, state law grants authority and responsibility for the review and approval of such projects to the public institution's governing board. For cash funded, Intercept projects, the CCHE's authority is outlined in C.R.S. 23-1-106(10)(a), which gives the Commission the authority to review any program plan for a project meeting this designation.

III. STAFF ANALYSIS

The construction of the Temple Grandin Equine Center will benefit faculty, staff and students across three colleges (Health and Human Sciences, Agricultural Sciences and Veterinary Medicine). The Center will include more than 40,000 square feet of classrooms, research, therapy, and riding areas. The Center's purpose will be to serve the community with its research and riding services. It will be the home of the therapeutic riding program, F.R.E.E., as well as the new location for students to earn their degree and become instructors for therapeutic riding.

Table 1 displays the total cost for the Temple Grandin Equine Center project.

**Table 1:
Two-Year Cash Funded Capital Program
FY 2016-17 List**

CF	\$8,500.00
FF	\$0.00
TF	8,500,000

The project is described briefly below:

“Temple Grandin Equine Center” – The project will construct a new arena on the Foothills Campus to be used for research and teaching of equine-assisted activities and therapies. It will include riding arenas, barn, therapy areas and space for clients and families. The Center will provide students an opportunity for research-based learning in a dynamic, real-world environment, allowing them to contribute skills and knowledge to the equine-assisted activities and therapies industry as they become the future leaders in the profession. CSU -FC is requesting \$8.5 million in cash spending authority expected to be funded through donations. The university plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the amended Two-Year Cash Funded Capital Program List Amendment for Colorado State University – Fort Collins and forward the list to the Office of State Planning and Budgeting, and the Capital Development Committee.

V. STATUTORY AUTHORITY

C.R.S. 23-1-106(7)(c)(I) The commission annually shall prepare a unified, two-year capital improvements report for projects to be constructed or acquired pursuant to subsection (9) or (10) of this section and estimated to require total project expenditures exceeding two million dollars, coordinated with education plans. The commission shall transmit the report to the office of state

planning and budgeting, the governor, and the general assembly, consistent with the executive budget timetable.

(II) (A) The commission shall submit the two-year projections prepared by each state institution of higher education for each two-year period to the office of state planning and budgeting and the capital development committee. The capital development committee shall conduct a hearing in each regular legislative session on the projections and either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each projection.

(B) A state institution of higher education may submit to the staff of the capital development committee, the commission, and the office of state planning and budgeting an amendment to its approved two-year projection. The capital development committee shall conduct a hearing on the amendment within thirty days after submission during a regular legislative session of the general assembly or within forty-five days after submission during any period that the general assembly is not in regular legislative session. The capital development committee shall either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each amendment.

(10) (a) (I) The commission shall review and approve any plan for a capital construction or capital renewal project for an auxiliary facility that is estimated to require total expenditures exceeding two million dollars and that is to be acquired or constructed and operated and maintained solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139.

(II) The commission shall review and approve any plan for a capital construction or capital renewal project for an academic facility that is estimated to require total expenditures exceeding two million dollars, that is to be acquired or constructed solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139, and that is operated and maintained from such cash funds or from state moneys appropriated for such purpose, or both. Any capital construction or capital renewal project subject to this subparagraph (II) must comply with the high performance standard certification program established pursuant to section 24-30-1305.5, C.R.S.

ATTACHMENT A: Two-Year Cash Funded Capital Program List – Colorado State University – Fort Collins - Temple Grandin Equine Center.

Form CC-LCF

Two-Year Capital Construction - List of Cash Funded Projects
 FY 2015-16 to FY 2016-17
 Revised 7/2016-amendment 3

Prepared By: Shelly Carroll

Phone: 970-221-5858

E-Mail: Shelly.Carroll@Colostate.edu

Institution Name:	Colorado State University-Fort Collins		
Project Title:	LSC West Lawn and Lagoon upgrade		

Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,000,000	Renovation and Expansion	Auxiliary
Federal Funds	FF		Intercept Project: No	Est. Start Date: March-16
Total Funds	TF	\$ 2,000,000	DHE Approved Program Plan: N/A	Est. Completion Date: August-17
			List Approval Date (month/year): January-15	Funding Method: Non-Appropriated Fee

Project Title:	Human Performance and Clinical Research Laboratory Addition		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,500,000	Renovation and Expansion	Academic
Federal Funds	FF		Intercept Project: No	Est. Start Date: June-16
Total Funds	TF	\$ 2,500,000	DHE Approved Program Plan: N/A	Est. Completion Date: January-18
			List Approval Date (month/year): March-16	Funding Method: Gift/Donation

Project Title:	South Campus Infrastructure		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 11,300,000	Renovation and Expansion	Academic
Federal Funds	FF		Intercept Project: Yes	Est. Start Date: March-16
Total Funds	TF	\$ 11,300,000	DHE Approved Program Plan: N/A	Est. Completion Date: August-18
			List Approval Date (month/year): March-16	Funding Method: Other

Project Title:	Prospect Road Underpass		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 6,000,000	New Construction	Auxiliary
Federal Funds	FF		Intercept Project: Yes	Est. Start Date: November-15
Total Funds	TF	\$ 6,000,000	DHE Approved Program Plan: Pending	Est. Completion Date: September-16
			List Approval Date (month/year): October-15	Funding Method: Non-Appropriated Fee

Project Title:	Purchase of Whitcomb Street Houses		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,300,000	New Construction	Auxiliary
Federal Funds	FF	\$ -	Intercept Project: No	Est. Start Date: May-16
Total Funds	TF	\$ 2,300,000	DHE Approved Program Plan: N/A	Est. Completion Date: May-16
			List Approval Date (month/year): March-16	Funding Method: Other

Project Title:		JBS Food Innovation Center in honor of Gary and Kay Smith					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	14,100,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$	-	Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	14,100,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Warner College of Natural Resources Addition					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	20,200,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	20,200,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Shields St Underpass and at grade improvements					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	10,800,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	10,800,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Other
Project Title:		Temple Grandin Equine Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	8,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	8,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Richardson Design Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	16,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	16,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	January-19
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Athletic Practice Fields and Heritage Garden					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	4,000,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	4,000,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Gift/Donation

TOPIC: TWO-YEAR CASH FUNDED CAPITAL PROGRAM LIST AMENDMENT – COLORADO STATE UNIVERSITY FORT COLLINS- ATHLETIC PRACTICE FIELDS AND HERITAGE GARDEN

PREPARED BY: CATHERINE OLUKOTUN, LEAD FINANCE ANALYST

I. SUMMARY

This consent item is to amend the Two-Year Cash Funded Capital Program list for Colorado State University - Fort Collins presented to the Colorado Commission on Higher Education (CCHE) on March 4, 2016.

The list is amended to reflect the addition of the construction of the Athletic Practice Fields and Heritage Garden. The practice field complex will consist of a synthetic turf area measuring approximately 340' wide (east/west) by 385' long (north/south). The synthetic turf area will contain one full football field with two end zones, and one half-field with 2 end zones. The Heritage Garden will consist of demonstration agricultural crops and interpretive signage. The complex will be built to the west of the new multipurpose stadium. This project is intended to benefit athletics programs such as football and soccer and is expected to be funded with donations.

II. BACKGROUND

Under state law, C.R.S. 23-1-106(7) the Colorado Commission on Higher Education and the legislative Capital Development Committee must consider and approve Two-Year cash funded capital program lists, any amendments to the list, and program plans for any project using the Intercept program. Governing boards have the authority to submit new Two-Year lists and amendments to the CCHE or Capital Development Committee (CDC) at any point during the fiscal year. However, projects on the Two-Year list may not commence until both the CCHE and the CDC consider and approve the list. If a project is amended or the cost for an approved project changes by more than 15% of the original total, the CCHE must review the submission.

Every December, a comprehensive Two-Year Cash Funded Capital Program list comprised of all Governing Board projects is submitted to CCHE for approval. The list is then forwarded to the CDC for approval in January.

The CCHE's authority to review these projects is defined and described in state law. Pursuant to C.R.S. 23-1-106(9)(a) the CCHE's authority to review cash funded, non-Intercept projects is limited to receiving cost information from the public institution about the project, and forwarding the Two-Year Capital Projection list to the Capital Development Committee. The Commission has limited authority to review cash funded projects and no official approval authority for individual non-Intercept projects. Rather, state law grants authority and responsibility for the review and approval of such projects to the public institution's governing board. For cash

funded, Intercept projects, the CCHE’s authority is outlined in C.R.S. 23-1-106(10)(a), which gives the Commission the authority to review any program plan for a project meeting this designation.

III. STAFF ANALYSIS

The project is intended to benefit CSU-FC athletes by converting the existing practice fields near Moby Arena into the new home for its women’s soccer program and having football practice fields adjacent to the stadium rather than several blocks away. These changes will create space to support student athletes and increase usage by multiple sports programs at the University.

Table 1 displays the total cost for the Athletic Practice Fields and Heritage Garden project.

**Table 1:
Two-Year Cash Funded Capital Program
FY 2016-17 List**

CF	\$4,000.00
FF	\$0
TF	\$4,000,000

The project is described briefly below:

“Athletic Practice Fields and Heritage Garden” – This project will construct a new practice field complex will consist of a synthetic turf area and an adjacent Heritage Garden which will highlight agricultural crops and interpretive signage. CSU -FC is requesting \$4.0 million in cash spending authority through donations to the University.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the amended Two-Year Cash Funded Capital Program List Amendment for Colorado State University – Fort Collins and forward the list to the Office of State Planning and Budgeting, and the Capital Development Committee.

V. STATUTORY AUTHORITY

C.R.S. 23-1-106(7)(c)(I) The commission annually shall prepare a unified, two-year capital improvements report for projects to be constructed or acquired pursuant to subsection (9) or (10) of this section and estimated to require total project expenditures exceeding two million dollars, coordinated with education plans. The commission shall transmit the report to the office of state planning and budgeting, the governor, and the general assembly, consistent with the executive budget timetable.

(II) (A) The commission shall submit the two-year projections prepared by each state institution of higher education for each two-year period to the office of state planning and budgeting and the

capital development committee. The capital development committee shall conduct a hearing in each regular legislative session on the projections and either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each projection.

(B) A state institution of higher education may submit to the staff of the capital development committee, the commission, and the office of state planning and budgeting an amendment to its approved two-year projection. The capital development committee shall conduct a hearing on the amendment within thirty days after submission during a regular legislative session of the general assembly or within forty-five days after submission during any period that the general assembly is not in regular legislative session. The capital development committee shall either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each amendment.

(10) (a) (I) The commission shall review and approve any plan for a capital construction or capital renewal project for an auxiliary facility that is estimated to require total expenditures exceeding two million dollars and that is to be acquired or constructed and operated and maintained solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139.

(II) The commission shall review and approve any plan for a capital construction or capital renewal project for an academic facility that is estimated to require total expenditures exceeding two million dollars, that is to be acquired or constructed solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139, and that is operated and maintained from such cash funds or from state moneys appropriated for such purpose, or both. Any capital construction or capital renewal project subject to this subparagraph (II) must comply with the high performance standard certification program established pursuant to section 24-30-1305.5, C.R.S.

ATTACHMENT A: Two-Year Cash Funded Capital Program List – Colorado State University
– Fort Collins - Athletic Practice Fields and Heritage Garden.

Form CC-LCF

Two-Year Capital Construction - List of Cash Funded Projects
 FY 2015-16 to FY 2016-17
 Revised 7/2016-amendment 3

Prepared By: Shelly Carroll

Phone: 970-221-5858

E-Mail: Shelly.Carroll@Colostate.edu

Institution Name:		Colorado State University-Fort Collins					
Project Title:		LSC West Lawn and Lagoon upgrade					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	2,000,000	Renovation and Expansion		Auxiliary	
Federal Funds	FF			Intercept Project:	No	Est. Start Date:	March-16
Total Funds	TF	\$	2,000,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)	January-15	Funding Method:	Non-Appropriated Fee
Project Title:		Human Performance and Clinical Research Laboratory Addition					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	2,500,000	Renovation and Expansion		Academic	
Federal Funds	FF			Intercept Project:	No	Est. Start Date:	June-16
Total Funds	TF	\$	2,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	January-18
				List Approval Date (month/year)	March-16	Funding Method:	Gift/Donation
Project Title:		South Campus Infrastructure					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	11,300,000	Renovation and Expansion		Academic	
Federal Funds	FF			Intercept Project:	Yes	Est. Start Date:	March-16
Total Funds	TF	\$	11,300,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-18
				List Approval Date (month/year)	March-16	Funding Method:	Other
Project Title:		Prospect Road Underpass					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	6,000,000	New Construction		Auxiliary	
Federal Funds	FF			Intercept Project:	Yes	Est. Start Date:	November-15
Total Funds	TF	\$	6,000,000	DHE Approved Program Plan:	Pending	Est. Completion Date:	September-16
				List Approval Date (month/year)	October-15	Funding Method:	Non-Appropriated Fee
Project Title:		Purchase of Whitcomb Street Houses					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	2,300,000	New Construction		Auxiliary	
Federal Funds	FF	\$	-	Intercept Project:	No	Est. Start Date:	May-16
Total Funds	TF	\$	2,300,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	May-16
				List Approval Date (month/year)	March-16	Funding Method:	Other

Project Title:		JBS Food Innovation Center in honor of Gary and Kay Smith					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	14,100,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$	-	Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	14,100,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Warner College of Natural Resources Addition					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	20,200,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	20,200,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Shields St Underpass and at grade improvements					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	10,800,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	10,800,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Other
Project Title:		Temple Grandin Equine Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	8,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	8,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Richardson Design Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	16,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	16,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	January-19
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Athletic Practice Fields and Heritage Garden					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	4,000,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	4,000,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Gift/Donation

TOPIC: TWO-YEAR CASH FUNDED CAPITAL PROGRAM LIST
AMENDMENT – COLORADO STATE UNIVERSITY FORT COLLINS
- RICHARDSON DESIGN CENTER

PREPARED BY: CATHERINE OLUKOTUN, LEAD FINANCE ANALYST

I. SUMMARY

This consent item is to amend the Two-Year Cash Funded Capital Program list for Colorado State University - Fort Collins presented to the Colorado Commission on Higher Education (CCHE) on March 4, 2016.

The list is amended to reflect the addition of the construction of the Richardson Design Center. This project will construct a 3-story building that includes a Maker's Lab (available to the entire campus community), as well as classroom and studio space for multidisciplinary courses. The 2nd and 3rd floors have been identified as core and shell space for the Interior Design Department, with tenant finish of the space included as an alternate.

II. BACKGROUND

Under state law, C.R.S. 23-1-106(7) the Colorado Commission on Higher Education and the legislative Capital Development Committee must consider and approve Two-Year cash funded capital program lists, any amendments to the list, and program plans for any project using the Intercept program. Governing boards have the authority to submit new Two-Year lists and amendments to the CCHE or Capital Development Committee (CDC) at any point during the fiscal year. However, projects on the Two-Year list may not commence until both the CCHE and the CDC consider and approve the list. If a project is amended or the cost for an approved project changes by more than 15% of the original total, the CCHE must review the submission.

Every December, a comprehensive Two-Year Cash Funded Capital Program list comprised of all Governing Board projects is submitted to CCHE for approval. The list is then forwarded to the CDC for approval in January.

The CCHE's authority to review these projects is defined and described in state law. Pursuant to C.R.S. 23-1-106(9)(a) the CCHE's authority to review cash funded, non-Intercept projects is limited to receiving cost information from the public institution about the project, and forwarding the Two-Year Capital Projection list to the Capital Development Committee. The Commission has limited authority to review cash funded projects and no official approval authority for individual non-Intercept projects. Rather, state law grants authority and responsibility for the review and approval of such projects to the public institution's governing board. For cash funded, Intercept projects, the CCHE's authority is outlined in C.R.S. 23-1-106(10)(a), which gives the Commission the authority to review any program plan for a project meeting this designation.

III. STAFF ANALYSIS

The construction of the Richardson Design Center will benefit students, faculty, and staff. The project will provide faculty, students and staff with access to cross campus fabrication labs; digital, textile, metal, wood, soldering, and robotics labs; cross campus computer and design labs; and gallery, exhibit and presentation space for their projects.

Table 1 displays the total cost for the Richardson Design Center project.

**Table 1:
Two-Year Cash Funded Capital Program
FY 2016-17 List**

CF	\$16,500.00
FF	\$0.00
TF	\$16,500,000

The project is described briefly below:

“Richardson Design Center” – This project will construct a 3-story that includes a Maker’s Lab (facility for 3D printing, 3D scanning and related technology), as well as classroom and studio space for multidisciplinary courses. The 2nd and 3rd floors have been identified as core and shell space for the Interior Design Department, with tenant finish of the space included as an alternate. CSU -FC is requesting \$16.5 million in cash spending authority through donations to the University. The University plans to build the facility to the LEED gold standard, the second highest of four possible certification levels.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the amended Two-Year Cash Funded Capital Program List Amendment for Colorado State University – Fort Collins and forward the list to the Office of State Planning and Budgeting, and the Capital Development Committee.

V. STATUTORY AUTHORITY

C.R.S. 23-1-106(7)(c)(I) The commission annually shall prepare a unified, two-year capital improvements report for projects to be constructed or acquired pursuant to subsection (9) or (10) of this section and estimated to require total project expenditures exceeding two million dollars, coordinated with education plans. The commission shall transmit the report to the office of state planning and budgeting, the governor, and the general assembly, consistent with the executive budget timetable.

(II) (A) The commission shall submit the two-year projections prepared by each state institution of higher education for each two-year period to the office of state planning and budgeting and the

capital development committee. The capital development committee shall conduct a hearing in each regular legislative session on the projections and either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each projection.

(B) A state institution of higher education may submit to the staff of the capital development committee, the commission, and the office of state planning and budgeting an amendment to its approved two-year projection. The capital development committee shall conduct a hearing on the amendment within thirty days after submission during a regular legislative session of the general assembly or within forty-five days after submission during any period that the general assembly is not in regular legislative session. The capital development committee shall either approve the projections or return the projections to the state institution of higher education for modification. The commission and the office of state planning and budgeting shall provide the capital development committee with comments concerning each amendment.

(10) (a) (I) The commission shall review and approve any plan for a capital construction or capital renewal project for an auxiliary facility that is estimated to require total expenditures exceeding two million dollars and that is to be acquired or constructed and operated and maintained solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139.

(II) The commission shall review and approve any plan for a capital construction or capital renewal project for an academic facility that is estimated to require total expenditures exceeding two million dollars, that is to be acquired or constructed solely from cash funds held by the state institution of higher education that, in whole or in part, are subject to the higher education revenue bond intercept program established pursuant to section 23-5-139, and that is operated and maintained from such cash funds or from state moneys appropriated for such purpose, or both. Any capital construction or capital renewal project subject to this subparagraph (II) must comply with the high performance standard certification program established pursuant to section 24-30-1305.5, C.R.S.

ATTACHMENT A: Two-Year Cash Funded Capital Program List – Colorado State University – Fort Collins - Richardson Design Center.

Form CC-LCF

Two-Year Capital Construction - List of Cash Funded Projects
 FY 2015-16 to FY 2016-17
 Revised 7/2016-amendment 3

Prepared By: Shelly Carroll

Phone: 970-221-5858

E-Mail: Shelly.Carroll@Colostate.edu

Institution Name:	Colorado State University-Fort Collins		
Project Title:	LSC West Lawn and Lagoon upgrade		

Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,000,000	Renovation and Expansion	Auxiliary
Federal Funds	FF		Intercept Project: No	Est. Start Date: March-16
Total Funds	TF	\$ 2,000,000	DHE Approved Program Plan: N/A	Est. Completion Date: August-17
			List Approval Date (month/year): January-15	Funding Method: Non-Appropriated Fee

Project Title:	Human Performance and Clinical Research Laboratory Addition		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,500,000	Renovation and Expansion	Academic
Federal Funds	FF		Intercept Project: No	Est. Start Date: June-16
Total Funds	TF	\$ 2,500,000	DHE Approved Program Plan: N/A	Est. Completion Date: January-18
			List Approval Date (month/year): March-16	Funding Method: Gift/Donation

Project Title:	South Campus Infrastructure		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 11,300,000	Renovation and Expansion	Academic
Federal Funds	FF		Intercept Project: Yes	Est. Start Date: March-16
Total Funds	TF	\$ 11,300,000	DHE Approved Program Plan: N/A	Est. Completion Date: August-18
			List Approval Date (month/year): March-16	Funding Method: Other

Project Title:	Prospect Road Underpass		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 6,000,000	New Construction	Auxiliary
Federal Funds	FF		Intercept Project: Yes	Est. Start Date: November-15
Total Funds	TF	\$ 6,000,000	DHE Approved Program Plan: Pending	Est. Completion Date: September-16
			List Approval Date (month/year): October-15	Funding Method: Non-Appropriated Fee

Project Title:	Purchase of Whitcomb Street Houses		
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Funding Source		Total Project Cost	Project Type:	Project Category:
Cash Funds	CF	\$ 2,300,000	New Construction	Auxiliary
Federal Funds	FF	\$ -	Intercept Project: No	Est. Start Date: May-16
Total Funds	TF	\$ 2,300,000	DHE Approved Program Plan: N/A	Est. Completion Date: May-16
			List Approval Date (month/year): March-16	Funding Method: Other

Project Title:		JBS Food Innovation Center in honor of Gary and Kay Smith					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	14,100,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$	-	Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	14,100,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Warner College of Natural Resources Addition					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	20,200,000	Renovation and Expansion		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	20,200,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	December-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Shields St Underpass and at grade improvements					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	10,800,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	10,800,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Other
Project Title:		Temple Grandin Equine Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	8,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	8,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-18
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Richardson Design Center					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	16,500,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	16,500,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	January-19
				List Approval Date (month/year)		Funding Method:	Gift/Donation
Project Title:		Athletic Practice Fields and Heritage Garden					
Funding Source		Total Project Cost		Project Type:		Project Category:	
Cash Funds	CF	\$	4,000,000	New Construction		Academic	
Federal Funds	FF	\$		Intercept Project:	No	Est. Start Date:	October-16
Total Funds	TF	\$	4,000,000	DHE Approved Program Plan:	N/A	Est. Completion Date:	August-17
				List Approval Date (month/year)		Funding Method:	Gift/Donation

TOPIC: RECOMMEND APPROVAL OF ADMISSION INDEX CHANGES WHICH INCORPORATES THE NEW SAT TEST SCORES

PREPARED BY: CARL EINHAUS, DIRECTOR OF STUDENT AFFAIRS

I. SUMMARY

This consent item recommends approval of proposed changes to the Admission Index to incorporate the new SAT test scores. We determined that this agenda item could be a consent item as we are entirely dependent on the expert advice from College Board as to how the new SAT scores concord with the admission index.

II. BACKGROUND

Beginning in March of 2016, College Board began offering a new version of the SAT. The new SAT has many significant changes in terms of content and format. As the new SAT measures different levels of competency compared to the old SAT, College Board created a concordance table to equate scores to the former exam as well as to the ACT.

Test scores are one of the two main parts of the equation in determining a student's index score. As such, we solicited advice from College Board as to what scores from the new SAT concord to the index chart. The admission index is still a required function of the admission process for Colorado public four-year institutions until the new Admission Policy begins in fall 2019. The new Admission Policy eliminates the index, so this proposed revised chart will only be in effect for a few years.

The timing of the release of the new SAT scores and the corresponding concordance information created a tight turn-around to incorporate them in the admission index in time for the next recruitment season (which begins in mid-August for institutions of higher education). Institutions will need to include this information in recruitment materials, websites and presentations. CDHE and College In Colorado will also need to incorporate these changes on their sites to assist in promoting these changes to prospective college students and families. The urgency to approve these changes is compounded as the state of Colorado switched from offering the ACT to high school juniors to offering the SAT beginning this upcoming academic year.

Below is relevant information regarding the admission index from the current Admission Policy – the admission index is not part of statute and falls under the Commission's purview:

5.01 Background

In 1987, pursuant to statute, the Commission established state-level admission standards for first-time entering undergraduates and transfer students at each of Colorado's baccalaureate-granting public institutions. The standards established by the Commission in 1987 for an entering freshman were based on the calculation of an admissions index. The index has two components: a student's high school performance (i.e., high school grade point average (g.p.a.) or class rank)

and performance on a standardized test. For an undergraduate transferring from another institution, the standard's criterion was a specific grade point average.

Prior to the adoption of this revised policy by the Commission, at least 80% of an institution's fiscal year admits had to meet the appropriate CCHE freshman or transfer standard. Each institution was allowed to admit students who do not meet the CCHE admissions standards up to a number not exceeding 20% of the admitted pool of students. This pool, often referred to as "the admissions window," provides institutional flexibility in admitting promising students who meet institutionally established criteria but not the Commission's numerical standards. In addition, some students explicitly are exempt from the CCHE standards.

III. STAFF ANALYSIS

Ken Woods, Executive Director of Higher Education for College Board (the SAT parent company) explained to CDHE staff and institution of higher education admission leads that the concordance information was derived from two years of testing data with students, and was made under the advice of College Board's Senior Vice President of Research, Jack Buckley. The new score ranges on the index are different as the new SAT is a completely different test and, therefore, has different measures and scores to demonstrate competency.

IV. STAFF RECOMMENDATIONS

Staff recommends that the Commission approve the changes to the Admission Index which incorporates the new SAT test scores.

V. STATUTORY AUTHORITY

C.R.S. §23-1-113. Commission directive - admission standards for baccalaureate and graduate institutions of higher education - policy – definitions

(1) (a) The commission shall establish and the governing boards shall implement academic admission standards for first-time freshmen and transfer students at all state-supported baccalaureate and graduate institutions of higher education in the state. The commission shall establish and may subsequently review and amend the standards after consultation with the governing boards of institutions. The academic admission standards for students who do not have in-state status, as determined pursuant to [section 23-7-103](#), shall equal or exceed those established for determining admission of in-state students.

(b) The standards established for first-time admitted freshman students shall use a combination of high school academic performance indicators and national assessment test scores for eligibility criteria. The academic performance indicators may include, but are not limited to, grade point average, class rank, and content standard performance level assessments. The criteria established and the specified performance levels shall be consistent with the role and mission established for each state-supported institution of higher education. In considering the high school academic performance indicators, the commission and the governing boards may take

into account the rigor of a student's high school academic preparation and the academic content of the courses taken. In lieu of the established statewide criteria, each governing board may use additional criteria for up to twenty percent of the freshmen students annually admitted to each institution under the governing board's control. Students who meet the minimum criteria for admission are not guaranteed admission to the institution to which they have applied, but they are eligible for consideration.

ATTACHMENT(S):

- Agenda Item II O Attachment – Proposed Revisions to the Admission Index with New SAT Scores

Proposed changes are directly below following the "SAT (New)" prompt and are highlighted in yellow.

Combined Math + Evid Based Reading & Writing (no essay)	SAT (New) Taken March 2016 & After	400	540	620	710	780	840	880	920	960	1010	1050	1090	1130	1150	1190	1230	1270	1310	1340	1370	1410	1450	1480	1520	1560			
		530	610	700	770	830	870	910	950	1000	1040	1080	1120	1140	1180	1220	1260	1300	1330	1360	1400	1440	1470	1510	1550	1590	1600		
Combined Math + Critical Reading (no essay)	SAT (Old) Taken Before March 2016	400	500	550	610	690	750	800	840	880	930	970	1010	1050	1080	1120	1160	1200	1240	1280	1310	1350	1400	1440	1490	1550			
		490	540	600	680	740	790	830	870	920	960	1000	1040	1070	1110	1150	1190	1230	1270	1300	1340	1390	1430	1480	1540	1590	1600		
Composite (no essay)	ACT	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
% H.S. Rank	H.S. GPA																												
0-1	0-1.3	45	47	49	51	53	55	57	59	61	63	65	68	70	72	74	76	78	80	82	84	86	88	90	93	95	97		
2-3	1.4-1.5	49	51	53	55	57	59	61	63	65	67	69	72	74	76	78	80	82	84	86	88	90	92	94	97	99	101		
4	1.6	51	53	55	57	59	61	63	65	67	69	71	74	76	78	80	82	84	86	88	90	92	94	96	99	101	103		
5-6	1.7	52	54	56	58	60	62	64	66	68	70	72	75	77	79	81	83	85	87	89	91	93	95	97	100	102	104		
7-8	1.8	54	56	58	60	62	64	66	68	70	72	74	77	79	81	83	85	87	89	91	93	95	97	99	102	104	106		
9-10	1.9	56	58	60	62	64	66	68	70	72	74	76	79	81	83	85	87	89	91	93	95	97	99	101	104	106	108		
11-12	2.0	58	60	62	64	66	68	70	72	74	76	78	81	83	85	87	89	91	93	95	97	99	101	103	106	108	110		
13-15	2.1	60	62	64	66	68	70	72	74	76	78	80	83	85	87	89	91	93	95	97	99	101	103	105	108	110	112		
16-18	2.2	61	63	65	67	69	71	73	75	77	79	81	84	86	88	90	92	94	96	98	100	102	104	106	109	111	113		
19-22	2.3	63	65	67	69	71	73	75	77	79	81	83	86	88	90	92	94	96	98	100	102	104	106	108	111	113	115		
23-26	2.4	65	67	69	71	73	75	77	79	81	83	85	88	90	92	94	96	98	100	102	104	106	108	110	113	115	117		
27-30	2.5	67	69	71	73	75	77	79	81	83	85	87	90	92	94	96	98	100	102	104	106	108	110	112	115	117	119		
31-34	2.6	69	71	73	75	77	79	81	83	85	87	89	92	94	96	98	100	102	104	106	108	110	112	114	117	119	121		
35-38	2.7	70	72	74	76	78	80	82	84	86	88	90	93	95	97	99	101	103	105	107	109	111	113	115	118	120	122		
39-43	2.8	72	74	76	78	80	82	84	86	88	90	92	95	97	99	101	103	105	107	109	111	113	115	117	120	122	124		
44-48	2.9	74	76	78	80	82	84	86	88	90	92	94	97	99	101	103	105	107	109	111	113	115	117	119	122	124	126		
49-53	3.0	76	78	80	82	84	86	88	90	92	94	96	99	101	103	105	107	109	111	113	115	117	119	121	124	126	128		
54-58	3.1	78	80	82	84	86	88	90	92	94	96	98	101	103	105	107	109	111	113	115	117	119	121	123	126	128	130		
59-62	3.2	79	81	83	85	87	89	91	93	95	97	99	102	104	106	108	110	112	114	116	118	120	122	124	127	129	131		
63-67	3.3	81	83	85	87	89	91	93	95	97	99	101	104	106	108	110	112	114	116	118	120	122	124	126	129	131	133		
68-72	3.4	83	85	87	89	91	93	95	97	99	101	103	106	108	110	112	114	116	118	120	122	124	126	128	131	133	135		
73-76	3.5	85	87	89	91	93	95	97	99	101	103	105	108	110	112	114	116	118	120	122	124	126	128	130	133	135	137		
77-81	3.6	87	89	91	93	95	97	99	101	103	105	107	110	112	114	116	118	120	122	124	126	128	130	132	135	137	139		
82-85	3.7	88	90	92	94	96	98	100	102	104	106	108	111	113	115	117	119	121	123	125	127	129	131	133	136	138	140		
86-89	3.8	90	92	94	96	98	100	102	104	106	108	110	113	115	117	119	121	123	125	127	129	131	133	135	138	140	142		
90-92	3.9	92	94	96	98	100	102	104	106	108	110	112	115	117	119	121	123	125	127	129	131	133	135	137	140	142	144		
93-100	4.0	94	96	98	100	102	104	106	108	110	112	114	117	119	121	123	125	127	129	131	133	135	137	139	142	144	146		

Add CSU Global to institution index summary (approved as 86 at Oct 2 2014 CCHE meeting)

Colorado students who have under 13 transferable credit hours must be 23 years of age or older to be admitted to CSU Global. There is no age restriction for students who reside outside of Colorado or for transfer students.

TOPIC: RECOMMEND APPROVAL OF PRINCIPAL LICENSURE AT COLORADO CHRISTIAN UNIVERSITY

PREPARED BY: DR. ROBERT MITCHELL, ACADEMIC POLICY OFFICER FOR EDUCATOR PREPARATION

I. SUMMARY

This consent item recommends approval to offer Principal licensure (3.03) at Colorado Christian University.

II. BACKGROUND

Pursuant to C.R.S. §23-1-121, the Colorado Commission on Higher Education considers approval of all educator preparation programs at public and private institutions of higher education after receiving an affirmative recommendation from the State Board of Education.

The process for initial approval of new educator preparation programs is as follows:

- The Colorado Department of Higher Education (DHE) reviews an application, through the parameters of the Degree Authorization Act, for operational compliance. If the program meets the requirements, DHE makes a recommendation to the Colorado Commission on Higher Education (CCHE) for “provisional authorization”.
- The Colorado Department of Education (CDE) conducts a review of the endorsement program, to ensure its content is designed and implemented in a manner that will enable a candidate to meet the requirements for licensure in Colorado (C.R.S. §22-60.5).
- Following that review, CDE makes a recommendation to the State Board of Education for consideration.
- If the State Board of Education (SBOE) approves the application, the approval is forwarded to DHE.
- Upon receiving an approval from SBOE, DHE reviews the proposed program for the following statutory performance criteria [C.R.S. §23-1-121(2)]:
 - a comprehensive admission system;
 - ongoing advising and screening of candidates; integration of theory and practice in coursework and field-based training;
 - supervised field-based experience; and,
 - assessment of candidates’ subject matter and professional knowledge and ability to apply the professional knowledge base.
- DHE would then forward a recommendation for approval or denial to CCHE.

III. STAFF ANALYSIS

The Colorado State Board of Education approved the content of Colorado Christian University’s Principal licensure program at its meeting of June 10, 2016. CDE staff transmitted its affirmative recommendations to the Department.

Colorado Christian University provides educator preparation programs at both the undergraduate and the post-baccalaureate levels leading. At present, the institution provides 11 programs for pre-service and existing educators, including eight at the undergraduate level. This proposed post-baccalaureate program would provide an additional avenue for educators to become eligible to become licensed principals – an endorsement area in significant demand throughout Colorado.

Pursuant to C.R.S. §23-1-121(2), Department staff reviewed the proposal and confirmed it meets the statutory performance criteria. The following is summarized from the institution's proposal:

1. **Comprehensive admission system:** The institution has developed admissions criteria that include: a review of undergraduate transcripts (2.5 GPA minimum requirement), letters of recommendation, a personal interview and the completion of an essay for review and evaluation. Students that do not meet these requirements can be admitted provisionally and their performance will be evaluated at the completion of three courses. Successful completion of these courses may result in full (non-provisional) admission.
2. **Ongoing screening and advising:** CCU has faculty directly involved in the advising component of this program. Program faculty are aware of course sequence and requirements and will monitor individual student progression throughout the program.
3. **Course work and field-based training integrate theory and practice and educates candidates in methodologies, practices and procedures of teaching standards-based education, specifically in teaching the content defined in the Colorado Academic Standards:** Specifically, educator preparation programs are reviewed to ensure that:
 1. An appropriate mix of general education, content knowledge and professional knowledge exists;
 2. Teachers understand Teacher Quality Standards (Rule 5.00, *Rules for the Administration of the Educator Licensing Act of 1991, 2016 revision*), that principals understand Principal Quality Standards (Rule 6.00, *Rules for the Administration of the Educator Licensing Act of 1991, 2016 revision*), and Colorado Academic Standards; and
 3. That educator preparation programs have a commitment to equity and excellence (C.R.S. §22-7-403), that teachers are able to prepare students to actively participate in democracy (C.R.S. §22-7-1002), and to ensure that K-12 students will be post-secondary and workforce ready (C.R.S. §22-7-1008).

Significant efforts have been made to ensure that pedagogical training and leadership development instruction is embedded within the fieldwork components of this program. EDU 510 (Applications of Data in Decision Making) and EDU 564 (Stakeholder Engagement) typify this close connection between coursework and field experiences

throughout the program. Further, program will continue to be evaluated by institutional faculty and staff to ensure continual improvement and optimal outcomes for students.

4. **Candidate skills and content knowledge:** Various key assessments have been developed by the institution to evaluate student success and ability to serve as an educator with novice proficiency (or greater) upon their program completion. These assessments include: formative writing assignments centered on stakeholder engagement, verification on the understanding of the role of finance at both the school and district levels and a summative project designed to provide candidates an opportunity to demonstrate mastery of key learning objectives such as building management, personnel concerns and issues, finance and community outreach.
5. **Continual improvement:** Colorado Christian University regularly assesses its programs for effectiveness and to ensure it is meeting the needs of the local educational community. The institution uses both self-developed data, and data provided by DHE to identify areas of strength and development. Their participation in reauthorization activities also highlights their dedication to continual improvement.

Pursuant to C.R.S. §23-5-129(6)(b), department staff finds the proposed degree is consistent with the institution's statutory role and mission and meets the educator preparation requirements in C.R.S. §23-1-121.

IV. STAFF RECOMMENDATION

Staff recommends that the Commission approve the Principal licensure (3.03) educator preparation program at Colorado Christian University.

III. STATUTORY AUTHORITY

C.R.S. §23-1-121-Commission directive - approval of educator preparation programs – review

(2) The commission shall adopt policies establishing the requirements for educator preparation programs offered by institutions of higher education. The department shall work in cooperation with the state board of education in developing the requirements for educator preparation programs. At a minimum, the requirements shall ensure that each educator preparation program complies with section 23-1-125, is designed on a performance-based model, and includes:

(a) A comprehensive admission system that includes screening of a candidate's dispositions for the field in which he or she is seeking licensure, consideration of a candidate's academic preparation for entry into his or her desired endorsement area or areas, and preadmission advising for students who are considering becoming candidates. The department shall work in collaboration with the programs to define any dispositions considered to be appropriate for educators.

- (b) Ongoing advising and screening of candidates by practicing educators or faculty members;
- (c) Course work and field-based training that integrates theory and practice and educates candidates in the methodologies, practices, and procedures of standards-based education, as described in parts 4 and 10 of article 7 of title 22, C.R.S., and specifically in teaching to the state academic standards adopted pursuant to section 22-7-406, C.R.S., or, beginning December 15, 2012, teaching to the state preschool through elementary and secondary education standards adopted pursuant to section 22-7-1005, C.R.S.;
- (d) A requirement that, during the course of the preparation program, each teacher candidate in an initial licensure program complete a minimum of eight hundred hours, each principal and administrator candidate complete a minimum of three hundred hours, and each other advanced degree or add-on endorsement candidate complete appropriate supervised field-based experience that relates to predetermined learning standards and includes best practices and national norms related to the candidate's endorsement;
- (e) A requirement that each candidate, prior to graduation, must demonstrate the skills required for licensure, as specified by rule of the state board of education pursuant to section 22-2-109 (3), C.R.S., in the manner specified by rule of the state board;
- (f) Comprehensive, ongoing assessment including evaluation of each candidate's subject matter and professional knowledge and ability to demonstrate skill in applying the professional knowledge base.

COLORADO COMMISSION ON HIGHER EDUCATION BY-LAWS

September 10, 1965
(Amended January 14, 1966)
(Amended February 25, 1972)
(Amended June 1, 1978)
(Amended July 1, 1993)
(Amended October 7, 2004)
(Amended May 6, 2011)

Section 1. Organization and Meetings

- 1.1 **Organization:** The Commission shall consist of eleven members appointed by the Governor with the consent of the Senate. The members of the Commission are selected on the basis of their knowledge of and interest in higher education and shall serve for four-year terms. No member of the Commission may serve more than two consecutive full four-year terms.
- 1.2 **Officers:** The officers of the Commission shall be the Chair, Vice Chair, and Secretary, as may be designated by the Commission. The Secretary shall be the Executive Director of the Department.
- 1.3 **Election and Terms of Officers:** All officers shall be elected at the October meeting of the Commission to serve a term of one year, except the Secretary whose term shall be coterminous with his or her term as Executive Director.
- 1.4 **Regular Meetings of the Commission:** The Commission shall adopt at the October Commission meeting a schedule of regular meetings of the Commission for the following year.
- 1.5 **Notice of Meetings:** Any meetings at which the adoption of any proposed policy, position, resolution, rule, regulation, or formal action occurs or at which a majority or quorum of the body is in attendance, or is expected to be in attendance, shall be held only after full and timely notice to the public. In addition to any other means selected by the Commission for giving notice to the public, the Commission shall post notice of its



meetings at the office of the Colorado Department of Higher Education located at 1560 Broadway, Suite 1600, Denver, Colorado 80202. Notices shall be posted no less than two days prior to the holding of the meeting. The posting shall include specific agenda information where possible.

- 1.6 Special Meetings: Special meetings of the Commission may be held at the call of the Chair on two days' notice, or at the request of five members of the Commission who may petition the Chair to call such a meeting. Notice of special meetings shall be made electronically or by telephone and posted at the office of the Colorado Department of Higher Education no less than two days prior to the meeting date.
- 1.7 Conduct of Meetings: The Chair shall preside at all meetings at which he or she is present. In the Chair's absence, the Vice Chair shall preside, and in the event both are absent, those present shall elect a presiding officer. All meetings shall be conducted in accordance with all State laws and regulations. The parliamentary rules contained in Colorado Commission on Higher Education (CCHE) Robert's Rules of Order, latest revision, shall govern in all cases to which they are applicable, except as modified herein.
- 1.8 Attendance at Meetings: The term of any member of the Commission who misses more than two consecutive regular Commission meetings without good cause shall be terminated and his successor appointed in the manner provided for appointments under C.R.S. §23-1-102.
- 1.9 Preparation of Agenda: Agenda shall be prepared by the Executive Director of the Department with the approval of the Chair. At a regular or special meeting, an item of business may be considered for addition to the agenda by a majority vote of the Commissioners present.
- 1.10 Minutes of the Commission: The Secretary shall maintain an accurate set of minutes of Commission meetings, which shall include a complete record of all actions taken by the Commission. Such minutes shall be annually bound and constitute a permanent record. After the minutes of each meeting are completed, they shall be reviewed by the Executive Director and after approval, posted on the CCHE website and made available to the public for inspection upon written request.

Section 2. Duties and Responsibilities of Officers

- 2.1 Chair of the Commission: The Chair of the Commission shall preside at meetings of the Commission at which he or she is in attendance. The Chair shall approve all agendas for regular and special meetings of the Commission as prepared by the Executive Director.
- 2.2 The Vice Chair: The Vice Chair shall perform all duties of the Chair in the Chair's absence.
- 2.3 The Secretary/Executive Director: In addition to performing those duties established by law, the Executive Director of the Department shall: (a) serve as the Secretary of the Commission, (b) meet with the officers and staff of institutions of higher learning as the needs dictate for a mutual discussion of the matters affecting the



responsibilities of the Commission, (c) meet with appropriate state and federal groups and/or officials on matters pertaining to the Commission, (d) meet with appropriate committees of the general assembly on matters pertaining to the Commission's responsibilities, (e) appoint such professional staff as in his or her judgment are required and are within the budget approved by the Commission and for which funds are available, (f) prepare an annual operating budget and work program for approval by the Commission, (g) implement the policies of the Commission and communicate those policies to interested parties as appropriate.

Section 3. The Advisory Committee

- 3.1 There is hereby established an advisory committee as provided by law (C.R.S. 23-1-103).
- 3.2 **Advisory Committee Members:** The advisory committee shall consist of not less than thirteen members, to be designated as follows: (a) Six members shall be appointed from the general assembly, including three senators, two of whom shall be from the majority party, appointed by the President of the Senate, and three representatives, two of whom shall be from the majority party, appointed by the Speaker of the House of Representatives. Said six members shall be appointed for terms of two years or for the same terms to which they were elected to the general assembly, whichever is the lesser. Successors shall be appointed in the same manner as the original members; (b) One member shall be selected and designated by the Commission to represent the faculty in the state and one member shall be selected and designated by the Commission to represent the students in the state; (c) Not more than five additional members representing educational or other groups may be selected and designated by the Commission to serve on the advisory committee.
- 3.3 **Notice and Agendas:** All members of the advisory committee shall receive agendas and background material and be notified of all public meetings of the Commission and shall be invited to attend for the purpose of suggesting solutions for the problems and needs of higher education and maintaining liaison with the general assembly.
- 3.4 **Meetings of the Advisory Committee:** The advisory committee shall meet with the Commission separate from a regular Commission meeting and shall do so as often as necessary to provide assistance to the Commission.
- 3.5 **Recommendations of the Advisory Committee:** The members of the advisory committee shall have full opportunity to present their views on any matter before the Commission.

Section 4. Change in Bylaws

- 4.1 Bylaws shall be subject to amendment at any meeting of the Commission provided any such proposed change is listed on the agenda in accordance with the procedure outlined herein. Bylaw changes must be approved by a majority of the Commission.



INSTITUTION/CEO INFORMATION

INSTITUTION	CEO	LOCATION
Adams State College	Dr. Beverlee McClure, President	Alamosa
Aims Community College	Dr. Leah Bornstein, President	Greeley
Community College System	Nancy McCallin, President	Denver
1) Arapahoe CC	Dr. Diana Doyle, President	Littleton
2) Northwestern CC	Russell George, President	Rangely
3) CC of Aurora	Dr. Betsy Oudenhoven, President	Aurora
4) CC of Denver	Dr. Everette Freeman, President	Denver
5) Front Range CC	Andy Dorsey, President	Westminster
6) Lamar CC	John Marrin, President	Lamar
7) Morgan CC	Dr. Kerry Hart, President	Ft. Morgan
8) Northeastern JC	Jay Lee, President	Sterling
9) Otero JC	Jim Rizzuto, President	La Junta
10) Pikes Peak CC	Dr. Lance Bolton, President	Colorado Springs
11) Pueblo CC	Patty Erjavec, President	Pueblo
12) Red Rocks CC	Dr. Michele Haney, President	Lakewood
13) Trinidad State JC	Dr. Carmen Simone, President	Trinidad
Colorado Mesa University	Tim Foster, President	Grand Junction
Colorado Mountain College	Dr. Carrie Besnette Hauser	Glenwood Sprgs
Colorado School of Mines	Paul Johnson, President	Golden
Colorado State System	Dr. Tony Frank, Chancellor	Denver
1) CSU-Ft Collins	Dr. Tony Frank, President	Fort Collins
2) CSU-Pueblo	Dr. Lesley DiMare, President	Pueblo
3) CSU – Global	Dr. Becky Takeda-Tinker, Pres.	Denver
CU System	Bruce Benson, President	Denver
1) CU – Boulder	Dr. Philip DiStefano, Chanc.	Boulder
2) UCCS	Dr. Pam Shockley-Zalabak, Ch.	Colorado Springs
3) UCD	Dr. Dorothy Horrell, Chanc.	Denver
4) UC-Anschutz	Don Elliman, Chanc.	Aurora, Denver

Ft. Lewis College	Dr. Dene Kay Thomas, Pres.	Durango
Metro State University of Denver	Dr. Steve Jordan, President	Denver
UNC	Kay Norton, President	Greeley
Western State Colorado University	Dr. Gregory Salsbury, President	Gunnison

Current CCHE Commissioners and Advisory Committee Members 6/16

Chairman Monte Moses - (R-6th Dist.) term ends June 2019
Vice Chair Luis Colon - (R-4th Dist.) term ends June 2017
Commissioner John Anderson - (R-3rd Dist.) term ends June 2015
Commissioner Maia Babbs - (U-7th Dist.) term ends June 2019
Commissioner Renny Fagan - (D-7th Dist.) term ends June 2019
Commissioner Jeanette Garcia - (D-3rd Dist.) term ends June 2015
Commissioner Vanecia Kerr – (D- 6th Dist.) term ends June 2018
Commissioner Tom McGimpsey - (R-2nd Dist.) term ends June 2017
Commissioner Paula Sandoval (D-1st Dist.) term ends June 2018

Sen. Nancy Todd
Sen. Owen Hill
Sen. Chris Holbert
Rep. Jeni Arndt
Rep. Mike Foote
Rep. Kevin Priola
Mr. Wayne Artis, Faculty Representative
Mark Cavanaugh, IHEC Representative
Mr. Tyrel Jacobsen, Student Representative
Mr. Steve Kreidler, CFO Representative
Dr. Barbara Morris, Academic Council Representative
Ms. Gretchen Morgan, K-12 Representative
Ms. Melissa Wagner, Parent Representative

Higher Education Glossary

529 Savings Plan - 529 plans are more than just savings accounts. These state-sponsored college savings plans were established by the federal government in Section 529 of the Internal Revenue Code to encourage families to save more for college. They offer unique state and federal tax benefits you can't get from other ways to save, making them one of the best ways to save for college.

Accuplacer - A suite of computer-adaptive placement tests that are used as assessment tools at institutions to evaluate the level of course work for a student. Students measured as needing additional course work will be assigned to remediation.

Admission Standard - includes both Freshman and Transfer standard. The freshman standard applies to all in-state and out-of-state new freshmen applicants and to transfer applicants with 12 or fewer college credit hours, except freshmen and transfer applicants who meet one of the admissions standards index exemptions. The transfer standard applies to all degree-seeking undergraduate transfer applicants with more than 12 college credit hours who do not meet one of the exemptions

Admission Window - Defined in Admission policy, "The maximum allowable percentage of admitted students who are not required to meet the CCHE admission standards within a specific fiscal year is referred to as the admissions window. Separate windows exist for the freshmen and transfer standards. The allowable percentage is determined by the Commission." The percentages vary by institution.

CAP4K - SB08-212, Preschool to Postsecondary Education Alignment Act; Colorado Achievement Plan for Kids.

CHEA - Council for Higher Education Accreditation. As described on their website, CHEA is "A national advocate and institutional voice for self-regulation of academic quality through accreditation, CHEA is an association of 3,000 degree-granting colleges and universities and recognizes 60 institutional and programmatic accrediting organizations."

CIP - Classification of Instructional Program; The purpose of which is to provide a taxonomic scheme that will support the accurate tracking, assessment, and reporting of fields of study and program completions activity. (Relevant in Role & Mission)

CLEP - College Level Examination Program; Earn college credit for passing a subject specific examination.

COA - Cost of Attendance; in the context of financial aid, it is an estimate of what it will reasonably cost the student to attend a given institution for a given period of time.

Concurrent Enrollment – A high school student enrolled for one or more classes at a college or university in addition to high school courses.

Dually Enrolled - A student enrolled at two institutions at the same time. This may affect enrollment reports when both institutions count that student as enrolled.

EFC - Expected Family Contribution; in the context of financial aid, it is calculated by a federally-approved formula that accounts for income, assets, number of family members attending college, and other information.

FAFSA - Free Application for Federal Student Aid. This is a free service provided by the Federal government under the Department of Education and students are not charged to complete/file the FAFSA.

FAP – Financial Aid Plan (HESP specific)

FERPA - Family Educational Rights and Privacy Act, view federal website. The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.

FFS – Fee-For-Service Contracts; A portion of the College Opportunity Fund program in addition to COF stipends, this contract provides funding to certain higher education institutions to supplement high cost programs and purchase additional services (such as graduate programs).

Floor - In reference to the admission window, the floor is the minimum requirements for admission without requiring an exception of some kind. This usually coincides with the Index score.

FTE - Full-time Equivalent; a way to measure a student's academic enrollment activity at an educational institution. An FTE of 1.0 means that the student is equivalent to full-time enrollment, or 30 credit hours per academic year for an undergraduate student.

GEARUP - Gaining Early Awareness and Readiness for Undergraduate Programs; A Federal discretionary grant program designed to increase the number of low-income students who are prepared to enter and succeed in postsecondary education.

Guaranteed Transfer, GT Pathways - gtPATHWAYS applies to all Colorado public institutions of higher education, and there are more than 900 lower-division general education courses in 20 subject areas approved for guaranteed transfer. Courses are approved at least twice per academic and calendar year and apply the next semester immediately following their approval.

HB 1023 - In most cases, refers to HB 06S-1023, which declares "It is the public policy of the state of Colorado that all persons eighteen years of age or older shall provide proof that they are lawfully present in the United States prior to receipt of certain public benefits."

HB 1024 - In most cases, refers to HB 06-1024, which declares "On or before September 1, 2006, each governing board of a state institution of higher education shall submit to the Colorado commission on higher education and the education committees of the senate and the house of representatives, or any successor committees, a report regarding underserved students".

HB 1057 - In most cases, refers to HB 05-1057, which declares "a college preparation program operating within the school district that the college preparation program shall provide to the Colorado commission on higher education, on or before December 31 of each school year, a report specifying each student, by unique identifying number."

HEAR - Higher Education Admission Requirements, 2008-2010.

Index, Index Score - This index score is a quantitative evaluation that is part of a larger student application evaluation. The score is generated from academic achievement (GPA or High School Rank) and college placement tests (ACT or SAT). You can calculate your index score online. Index varies by institution depending on that institutions selection criteria.

IPEDS - Integrated Postsecondary Education Data System; Run by NCES, this system collects statistical data and information on postsecondary institutions. The Colorado Department of Higher Education submits aggregated data on public institutions to IPEDS.

Need - In the context of student financial aid, Need is calculated by the difference between the COA (Cost of Attendance) and the EFC (Expected Family Contribution)

NCATE - National Council for Accreditation of Teacher Education; NCATE is the profession's mechanism to help establish high quality teacher preparation.

NCLB - No Child Left Behind; The No Child Left Behind Act of 2001 (NCLB) reauthorized the Elementary and Secondary Education Act (ESEA) -- the main federal law affecting education from kindergarten through high school.

PSEO - Post Secondary Enrollment Option; A program that offers concurrent enrollment in college courses while in high school.

PWR - Postsecondary and Workforce Readiness; Definition was created during the SB08-212 CAP4K meetings.

QIS - Quality Indicator System; Implemented in HB96-1219, the specific quality indicators involved in QIS are similar to those used in the variety of quality indicator systems found in other states: graduation rates, freshmen retention and persistence rates, passing scores or rates on tests and licensure examinations, undergraduate class size, faculty teaching workload rates, and institutional support/administrative expenditures.

REP - Regional Education Provider; Colorado Statute authorizes Adams State College, Fort Lewis College, Mesa State College and Western State College to function as regional

educational providers and “have as their primary goal the assessment of regional educational needs...”
Regional education providers focus their attention on a certain geographical area.

SB 3 – In most cases refers to SB10-003, the Higher Education Flexibility Bill.

SB 212 - In most cases, refers to HB 08-212, the CAP4K legislation.

SBE - State Board of Education; As described on their website, "Members of the Colorado State Board of Education are charged by the Colorado Constitution with the general supervision of the public schools. They have numerous powers and duties specified in state law. Individuals are elected on a partisan basis to serve six-year terms without pay."

SFSF – State Fiscal Stabilization Fund; A component of the ARRA legislation and funding.

SURDS - Student Unit Record Data System

WICHE - Western Interstate Commission for Higher Education; A regional research and policy organization that assists students, policymakers, educators, and institutional, business and community leaders. WICHE states include: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming.

WUE - Western Undergraduate Exchange Program, managed by WICHE