TRANSFER ARTICULATION AGREEMENT

This TRANSFER ARTICULATION AGREEMENT ("**Agreement**") is made between Colorado Technical University with offices at 1575 Garden of the Gods Road Suite 100, Colorado Springs, CO 80907 ("Institution") and the State of Colorado, Department of Higher Education, State Board for Community Colleges and Occupational Education, for the use and benefit of the Colorado Community College System, a state system of thirteen (13) community and technical colleges created under Colorado law, with offices at 9101 E. Lowry Blvd. Denver, CO 80230 ("**CCCS**"). Institution and CCCS may each be referred to herein as "Party", and collectively as "Parties".

RECITALS

WHEREAS, the Parties entered into a certain University Services Agreements in June 2010, August 2010 & April 2016, **(the "Prior Agreements");**

A. Institution is an institutionally accredited institution that offers degree programs both online at their Colorado based campuses.

B. Each of the thirteen community and technical colleges that constitute the CCCS ("**CCCS School**") is an institutionally-accredited post-secondary institution of higher learning that offers programs that educate and qualify students to receive associate of arts ("**AA**") and associate of science ("**AS**") degrees, as well as other post-secondary degrees and certificates.

C. The Parties wish to collaborate on the terms set forth in this Agreement to promote and facilitate a program ("**Institution Transfer Program**") for the transfer of any student from a CCCS School ("**CCCS Student**") to Institution so that such student may be able to complete the courses needed to earn a bachelor's degree from Institution. In furtherance of this purpose, this Agreement, among other things, identifies the courses a CCCS Student must complete and any other requirements that must be satisfied in earning a CCCS AA or AS degree in order to qualify for the Institution Transfer Program assurance specified in Section 1.1 a. below.

NOW, THEREFORE, in consideration of the mutual promises and covenants set forth in this Agreement, the Parties agree as follows:

1. Elements of Institution Transfer Program.

1.1 A CCCS Student who;(i) earns an AA or AS degree at any CCCS School, (ii) completes all of the course requirements for the AA or AS degree, and (iii) is admitted to the corresponding bachelor's degree program at Colorado Technical University will be eligible to be part of the transfer program.

a. Approved bulk transfer programs include: Business, Information Technology (IT), Computer Science, and RN to BSN

1.2 Any CCCS Student who is admitted to Institution through the Institution Transfer Program ("**CCCS Transfer Student**") will be subject to all of the remaining graduation requirements at Institution.

1.3 Course mappings are included in this Agreement as Exhibit C.

2. Transfers Outside the Institution Transfer Program.

2.1 Any CCCS Student who does not qualify for transfer to Institution under the Institution Transfer Program set forth in this Agreement may nevertheless apply to transfer to Institution and request that courses completed at a CCCS School be approved for credit in satisfaction of the course requirements for the Institution bachelor's degree program.

3. Rights and Obligations of Institution.

3.1 Institution will review and maintain each transfer course mapping and make them available to all CCCS institutions and CCCS Transfer Students as part of the Institution Transfer Program.

3.2 Institution shall have the sole right and authority to determine those CCCS courses that qualify for transfer under the Institution Transfer Program and whether a CCCS Student meets all of the requirements for admission to Institution. CCCS will coordinate with the Institution to provide materials (course descriptions, outcomes, etc.) to aid in the transfer credit evaluation and course mapping process.

3.3 Both Parties acknowledge that it is typically in the best interest of the student to complete their associate degree at his/her community college; both Parties will work together to support a student's completion of the associate degree at a CCCS college.

4. Rights and Obligations of CCCS.

4.1 CCCS shall provide to Institution information regarding courses available through any CCCS School.

4.2 CCCS and the applicable CCCS School shall have the sole right and authority to determine whether a CCCS student meets all the requirements that must be satisfied in order to receive a CCCS AA or AS degree, as applicable.

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5. Mutual Rights and Obligations of the Parties.

5.1 Each Party reserves the right and authority to amend the conditions or requirements for admission, acceptance, retention and eligibility to receive the academic degree in their respective programs that are the subject of this Agreement, at any time as may be necessary in the interests of the institution or the program, and in such event shall promptly give notice thereof to the other Party.

5.2 The Parties will collaborate with each other to promote the Institution Transfer Program by providing opportunities to communicate information about the Institution Transfer Program through the Parties' respective official websites or other mutually agreed upon communication methods. The Parties agree that any written materials, including online information, promoting the Institution Transfer Program shall be not be published or otherwise used without the prior written approval of both Parties.

5.3 The Parties shall undertake an annual evaluation of the collaboration supported by this Agreement and use the findings to improve the process for CCCS Student participation in the Institution Transfer Program. Any student information shared between the parties for this purpose will be aggregated and/or anonymized, unless a FERPA release is on file.

6. FERPA Compliance and Confidentiality of Student Education Records and Personally Identifiable Information ("PII").

6.1 The Parties shall comply with the Family Education Rights and Privacy Act (FERPA) with regard to collection and use of Student Education Records. Authorized employees of the Parties will have access to Student Education Records as defined under FERPA for eligible transfer students. CCCS may provide PII for students who intend or seek to enroll at Institution per this Agreement as consistent with its internal policy on Student Educational Records and Directory Information. Institution may provide PII for students who intend or seek to enroll at Institution per this Agreement as consistent with its published FERPA policy and any internal student education record policies.

6.2 For the purpose of the Institution Transfer Program, the parties will disclose PII only for the purpose of fulfilling their duties under this Agreement, and not share such data with or disclose it to any third party except as provided for in this Agreement, required by law, or authorized in writing by both parties.

6.3 The Parties shall use reasonable efforts to implement appropriate reasonable physical, administrative, and technical safeguards to prevent unauthorized use or disclosure of Student Education Records. Such measures will be no less protective than those used to secure its own data of a similar type and in no event less than reasonable in view of the type and nature of the data involved.

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7.0 Gramm-Leach-Bliley Act Compliance.

7.1 The Parties shall comply with the Gramm-Leach-Bliley Act (GBLA) in its collection and use of student financial data, to the extent it is applicable. For the purpose of the Institution Transfer Program, the Parties will use student financial data only for the purpose of fulfilling their respective duties under this Agreement for the student's benefit, and will not share such data with or disclose it to any third party except as provided for in this Agreement, required by law, or authorized in writing by the student.

8.0 Data Sharing between the Parties.

8.1 Per paragraph 6.1, 6.2, 6.3, 7.1 and all applicable laws and regulations, CCCS will provide Institution with Student Educational Records necessary to a CCCS student's enrollment and participation in the Institution Transfer Program. Information may be shared between the Parties to track student interest, persistence, and success.   Any student information shared between the Parties will be aggregated, de-identified/anonymized, or limited to directory information (as defined in Institution's FERPA policy), unless a signed student FERPA release is on file with the Institution or a FERPA exemption applies.

8.2. Institution agrees to provide CCCS with certain de-identified data related to students participating in the Institution Transfer Program as more specifically outlined in Exhibit A on an annual basis.

9. CCCS Transfer Students completing their bachelor's degree at Institution will qualify for a 20% **Higher Education Alliances Grant** towards their tuition while attending the Institution. Please see **Exhibit B** for details.

10. Legal Authority. Each Party warrants that it possesses the legal authority to enter into this Agreement, and that it has taken all actions required by its procedures, by-laws, and/or applicable law to exercise that authority, and to lawfully authorize its undersigned signatory to execute this Agreement.

11. Accreditation. Each Party warrants that as of the effective date of this Agreement, and during this Agreement's term, it is and will be fully accredited institutionally by a US Department of Education recognized institutional accrediting agency, which in the case of CCCS is the Higher Learning Commission, and in the case of Institution is the Higher Learning Commission (hlcommission.org).

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12. Independent Contractor Relationship. The Parties shall perform their duties hereunder as independent contractors and not as employees, agents, or servants of each other. No agent or employee of either Party shall be or shall be deemed to be an agent or employee of the other. The Parties shall pay when due all required employment taxes and income tax and local head tax on any of its employees. The Parties acknowledge that they and their employees are not entitled to unemployment insurance benefits unless they or a third party provides such coverage and that the other Party does not pay for or otherwise provide such coverage. Neither Party shall have authorization, express or implied, to bind the other to any additional agreements, liabilities, or understandings, except as expressly set forth in this Agreement. Each Party shall be solely responsible for the acts or omissions of its employees and agents. Furthermore, this Agreement shall not be construed to create any partnership or joint venture between the Parties.

13. Insurance.

13.1 Notwithstanding any other provision of this Agreement to the contrary, no term or condition of this Agreement shall be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protection, or other provisions of the Colorado Governmental Immunity Act, §§ 24-10-101, et seq., C.R.S., as it now exists or is hereafter amended ("CGIA"). The Parties understand and agree that liability for claims for injuries to persons or property arising out of the negligence of CCCS, its departments, institutions, agencies, boards, officials and employees is controlled and limited by the provisions of the CGIA, as it now exists or is hereafter amended, and the risk management statutes, §§ 24-30-1501, et seq., C.R.S., as they now exist or are hereafter amended.

13.2 CCCS, as an entity of the State of Colorado, is self-insured for $350,000 per person and $990,000 per occurrence as more fully set forth in the Colorado Governmental Immunity Act, C.R.S. §§ 24-10-101, et seq. and State of Colorado Risk Management laws, C.R.S. §§ 24-30-1501, et. seq.

13.3 Institution shall maintain during the term of this Agreement (i) commercial general liability insurance coverage in the minimum amount of $1,000,000 per occurrence and $3,000,000 in the aggregate, and (ii) worker's compensation insurance and unemployment compensation insurance in the amounts required by law.

14. Licenses, Permits, and Responsibilities. Each Party warrants that, at the time of entering into this Agreement, each Party has currently in effect all necessary licenses, certifications, approvals, insurance, permits, and other requirements necessary to properly perform its obligations under this Agreement. Each Party also warrants that it will maintain all necessary licenses, certifications,

approvals, insurance, permits, and other requirements necessary to properly perform its obligations under this Agreement. Additionally, all employees of either Party performing services under this Agreement shall hold the required licenses or certifications, if any, to perform their respective duties and responsibilities. Any revocation, withdrawal or non-renewal of necessary licenses, certifications, approvals, insurance, permits, and other requirements necessary to properly perform under this Agreement, shall be grounds for termination of this Agreement by any Party.

Change in Law or Regulations. Should any statute, regulation, or rule be enacted, amended, or interpreted by a governmental body or agency having jurisdiction over a Party during the term of this Agreement so as to materially affect the ability of a Party to perform any provision of this Agreement, then the Parties shall renegotiate in good faith the provision(s) of this Agreement affected by such action so that the services can be performed in accordance with the pertinent change in such statute, regulation or rule, or if not possible the Agreement may be immediately terminated.

15. Compliance with Applicable Laws, Rules, and Regulations.

15.1 Each Party shall comply with any and all federal and state laws, rules and regulations, and county and municipal ordinances, rules and regulations applicable to each Party's performance of its obligations under this Agreement.

15.2 The Parties shall comply with all applicable federal and state anti-discrimination laws that prohibit discrimination on the basis of race, color, sex, age, religion, national origin, disability, or any other prohibited basis. In the event either Party, or any of its employees, agents or students is alleged to have violated any of such anti-discrimination laws while performing obligations under this Agreement, the Parties may immediately terminate the Agreement.

16. Termination.

16.1 This Agreement shall continue until terminated by either Party (i) without cause by giving at ninety (90) days prior written notice to the other Party; or (ii) with cause based upon a breach of this Agreement (other than a breach of Section 10 based upon the termination of a Party's accreditation or section 14 Changes in Laws or Regulations) by giving written notice of termination to the breaching Party specifying the reason(s) therefor, and giving the breaching Party an opportunity to cure the breach within thirty (30) days of the date of such notice. Unless otherwise agreed to by the Parties in writing, this Agreement shall be deemed terminated at the expiration of such thirty (30)-day period if the breach is not cured within that time.

16.2 Upon any termination of this Agreement, Institution shall have no obligation to allow any additional CCCS Student to participate in the Institution Transfer Program to receive the assurance provided in Section 1.1 of this Agreement.

16.3 In the event either Party's accreditation, as required by Section 10 hereof, is terminated, the Party whose accreditation is terminated shall promptly give notice thereof to the other Party, and this Agreement shall be deemed terminated as of the date such accreditation is terminated.

17. Representatives and Notices.

17.1 For the purpose of providing a contact person for the general administration of this Agreement, the individuals identified below are hereby designated representatives of the respective Parties. Either Party may from time to time designate by notice in writing a new or substitute representative:

For Institution: Elise Baskel, CTU President.

For CCCS: Vice Chancellor for Academic and Student Affairs

17.2 All notices permitted or required to be given by the Parties hereunder shall be personally delivered, given by certified U.S. mail, postage prepaid, or delivered overnight by a nationally recognized courier service, delivery fee prepaid, to the individuals at the addresses set forth below. Either Party may from time to time designate by notice in writing substitute addresses or persons to whom such notices shall be sent.

For Institution:
Colorado Technical University
1575 Garden of the Gods Road
Suite 100
Colorado Springs, CO 80907
Attn: Elise Baskel, CTU President

For CCCS:

Colorado Community College System
9101 E. Lowry Blvd.
Denver, CO 80230
Attn.: Landon Pirius, Vice Chancellor for Academic and Student Affairs

18. Assignment and Successors. The Parties agree not to assign rights or delegate duties under this Agreement or subcontract any part of the performance required under this Agreement without the express, written consent of the other, which shall not be unreasonably withheld. Except as herein otherwise provided, this Agreement shall inure to the benefit of and be binding upon the Parties hereto and their respective permitted successors and assigns.

19. Entire Understanding. This Agreement is intended as the complete integration of all understandings between the Parties with respect to the subject matter hereof. No prior or contemporaneous addition, deletion, or other amendment hereto shall have any force or affect whatsoever, unless embodied herein in writing. No subsequent novation, renewal, addition, deletion, or other amendment hereto shall have any force or effect unless embodied in a writing executed by the Parties and approved in accordance with applicable law.

20. Modification and Amendment. No modification of this Agreement shall be effective unless agreed to in writing by both Parties in an amendment to this Agreement that is properly executed by the Parties and approved in accordance with applicable law.

21. No State Funds. This Agreement does not involve the expenditure of State funds. Any obligation under this Agreement that would require the expenditure of State funds requires the approval of the State Controller and an amendment to this Agreement.

22. Survival of Certain Contract Terms. Notwithstanding anything herein to the contrary, the Parties understand and agree that all terms and conditions of this Agreement and any exhibit hereto which may require continued performance, compliance, or effect beyond the termination date of this Agreement shall survive such termination date and shall be enforceable as provided herein in the event of such failure to perform or comply by either Party.

23. Severability. If any of the provisions of this Agreement shall be held invalid or unenforceable, such invalidity or unenforceability shall not invalidate or render unenforceable the entire Agreement, but rather the entire Agreement shall be construed as if not containing the

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particular invalid or unenforceable provision or provisions, and the rights and obligations of the Parties shall be construed and enforced accordingly, to effectuate the essential intent and purposes of this Agreement.

24. Waiver. Neither Party may waive or release any of its rights or interests in this Agreement except in writing. The failure of either Party to assert a right hereunder or to insist upon compliance with any term or condition of this Agreement shall not constitute a waiver of that right or excuse a similar subsequent failure to perform any such term or condition. No waiver by either Party of any condition or term in any one or more instances shall be construed as a continuing waiver of such condition or term or of another condition or term.

25. Applicable Law and Venue for Dispute Resolution. This Agreement shall be governed and construed exclusively in accordance with the laws of the state of Colorado, excluding its choice of law rules, and all claims relating to or arising out of this Agreement or the breach thereof, whether sounding in contract, tort or otherwise, shall likewise be governed exclusively by the laws of the state of Colorado, excluding its choice of law rules. Any controversy, claim, or dispute arising out of or related to this Agreement, or the breach thereof, shall be adjudicated in the courts of the county of Denver, Colorado, to which the parties consent to personal jurisdiction.

26. Consortium Agreement Disclosures. CCCS shall comply with the provisions of 34 C.F.R. § 668.5(e) and 34 C.F.R. § 668.43(a)(12) by providing each CCCS Transfer Student concurrently enrolled in a CCCS School and Institution under the Institution Transfer Program and each prospective student to the Institution Transfer Program a description of the written arrangements related to the Institution Transfer Program, including, but not limited to, the following information: (i) the portion of the educational program that the institution that grants the degree is not providing; (ii) the name and location of the institutions or organizations that are providing the portion of the educational program that the institution that grants the degree is not providing; (iii) the method of delivery of the portion of the educational program that the institution that grants the degree is not providing; and (iv) estimated additional costs CCCS Transfer Students may incur as the result of enrolling in an educational program that is provided, in part, under this Agreement.

27. Force Majeure. Neither Party shall be liable for failure to perform as required by this Agreement to the extent such failure to perform is due to circumstances reasonably beyond such Party's control, including, without limitation, failure of any legal, governmental, or accrediting agency approval required for full performance, any order, rule or regulation of any court or government agency, labor disturbances or labor disputes, wars, insurrections, terrorism or civil disorders, acts of God, or any other cause beyond the reasonable control of the Party whose performance is affected; provided, however, that the Party affected by such a condition shall promptly give notice to the other Party stating the nature of the condition, its anticipated duration, and any action being taken to avoid or minimize its effect. The suspension of performance shall be of no greater scope and no longer duration than is reasonably required, and the

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nonperforming Party shall use its commercially reasonable efforts to remedy its inability to perform; provided further, however, that in the event the suspension of performance continues for more than thirty (30) days after the date of the occurrence, and such failure to perform would constitute a material breach of this Agreement in the absence of such force majeure event, the non-affected Party may terminate this Agreement immediately by written notice to the affected Party.

28. Non-Exclusive Agreement. This Agreement is non-exclusive, and either Party may contract with third parties to provide other similar programs.

29. Headings. The underlined section headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year first written above.

State of Colorado, Department of Higher Education,   Colorado Technical University
State Board for Community Colleges
and Occupational Education,
for the use and benefit of the
Colorado Community College System

By:_____   By:_____

DocuSigned by:

Landon Pirius

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Landon Pirius   Elise Baskel, CTU President
Landon Pirius, Vice Chancellor for Academic and Student Affairs
Colorado Community College System

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EXHIBIT _A__

The following is a list of de-identified data to be produced by Institution to CCCS on an annual basis for purposes of tracking student success in the Institution Transfer Program based on demographics:

- Continued enrollment vs. no longer enrolled
- Cumulative GPA
- Attempted credits
- Cumulative credits
- Earned credential
- Disaggregated by race/ethnicity and gender
- Disaggregated by program
- Comparison success data for non-transfer students

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EXHIBIT B

CTU Higher Education Alliances Grant Terms and Conditions:

CTU has established a grant in the name of its Higher Education Alliances in order to assist eligible students with the opportunity to attend CTU. To be eligible for the Higher Education Alliances Grant, a candidate must be accepted for admission to the University, complete the Educational Alliances Attestation form, and must also allow for verification of eligibility. For Higher Education Alliances, verification of eligibility may require the student to submit documentation of proof of graduation from the institution of higher learning with which CTU has an articulation agreement.

In addition to the CTU General Grant and Scholarship Conditions, students must also meet the following criteria:

- The grant can be combined with Post 9/11 GI Bill® and Vocational Readiness and Employment benefits.
- Qualifying students are students who have previously graduated from an institution with which CTU has a signed articulation agreement.
- Students selected for verification must provide documentation before the grant is disbursed. Documentation must show proof of graduation from the prior institution.
- All of the conditions must be fulfilled before the grant can be disbursed.

Chart 2: Higher Education Grant Percentages:

Eligible Program(s)	Grant % Amount		
All program contemplated under the Articulation Agreement	20% of tuition		

Additional Eligibility Requirements:

Students no longer enrolled at CTU will lose their Grant eligibility at the end of their current session.

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Colorado Technical University

Bachelor of Science in Information Technology
Concentration: General
ARTICULATION

Residency Met? **NO**
Total Credits Awarded* **92**
GenEd Block Transfer? **NO**

COLORADO COMMUNITY COLLEGE SYSTEM

General Education (66 Quarter Hours Total)						
Written Communications 9 Quarter Credit Hours)						
CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
ENGL104: Introductory Written Communications		4.5	TRANSFER	CCCS	ENG1021**	3	
ENGL105: Professional Written Communications		4.5					
Arts/Humanities (9 Quarter Credit Hours)						
COMS102: Dynamic Interactions and Professional Presence		4.5					
COMS105: Interpersonal Communication		4.5	TRANSFER	CCCS	COM1150 OR COM1250	3	
Social/Behavioral Sciences (13.5 Quarter Credit Hours)						
HIST101: Modern American History: 1950 to the 21st Century		4.5					
SOCL102: Introductory Sociology		4.5					
PSYC102: Introductory Psychology		4.5					
Mathematics (9 Quarter Credit Hours)						
MATH112: Analytic College Algebra		4.5	TRANSFER	CCCS	MAT1340	4	
MATH225: Applications of Discrete Mathematics and Statistics		4.5					
Sciences (12 Quarter Credit Hours)						
SCI101: Introduction to the Sciences		4.5					
SCI103: Science and Technology- Laboratory Course		1.5					
SCI201: Environmental Science and Sustainability		4.5					
SCI203: Environmental Science and Sustainability - Laboratory Course		1.5					
Student Success (4.5 Quarter Credit Hours)						
UNIV104: Academic and Career Success		4.5					
General Electives (9 Quarter Credit Hours)						
MATH109: Introduction to Algebra		4.5	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		
PHIL101: Introduction to Ethics		4.5					
General Education Total QH Credit:		66					

COLORADO COMMUNITY COLLEGE SYSTEM Associate of Applied Science in Computer Information Systems

*IN ORDER TO RECEIVE FULL 92QH OF TRANSFER CREDIT OFFICIAL CCCS TRANSCRIPT MUST BE RECEIVED BY CTU PRIOR TO END OF FIRST CLASS SESSION

**CTU RECOMMENDS STUDENTS TAKE ENG1021. IF STUDENT TAKES ENG1020 INSTEAD, THIS COURSE WILL SATISFY A HUMANITIES ELECTIVE AND STUDENT WILL BE REQUIRED TO TAKE ENGL104 WITH CTU

Core Courses (94 Quarter Hours Total)						
CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
CS119: Introduction of Programming		4	TRANSFER	CCCS	CSC1020	3	
CS126: Unix Fundamentals		4					
CS251: Fundamentals of Database Systems		4	TRANSFER	CCCS	CIS1045	3	
CS346: User Interface Design		4					
CS362: Structured Query Language for Data Management		4	TRANSFER	CCCS	CIS2040	3	
CSS150: Introduction to Computer Security		4					
CSS200: Principles of Network Security		4					
EM200: Introduction to Website Development		4	TRANSFER	CCCS	CWB1010	3	
IT100: Introduction to Information Technology		4	TRANSFER	CCCS	CIS1015	3	
IT140: Introduction to Operating Systems and Client/Server Environments		4	TRANSFER	CCCS	CIS1024	3	
IT175: Introduction to Cloud Computing		4					
IT204: Fundamentals of Networking		4	TRANSFER	CCCS	CNG1001	3	
IT225: IT Support Systems		4	TRANSFER	CCCS	CIS2063	3	
IT304: Computer Networks and Communications		4					
IT326: Network Infrastructure Administration		4					
IT401: Information Technology Architectures		4					
IT415: Business Intelligence		4					
IT425: Systems Analysis, Design and Integration		4					
IT496: ISM Team Project		4					
MPM210: Introduction to Project Management		6	TRANSFER	CCCS	CIS2002	3	
BSITELE 1-4		4	TRANSFER	CCCS	CIS1018 OR CSC1005	3	
BSITELE 2-4		4	TRANSFER	CCCS	CIS2067	3	
BSITELE 3-4		4	TRANSFER	CCCS	CIS2080 OR CIS2089	3	
Concentration Courses (24QH)						
BSITELE 4-4		4	TRANSFER	CCCS	CNG1021	4	
BSITELE 5-4		4	TRANSFER	CCCS	CSC1060 OR CSC2020	4	
IT254	BSITELE 6-4	4	TRANSFER	CCCS	CIS1055	3	
DMKT305	BSITELE 7-4	4	TRANSFER	CCCS	CWB2021	3	
BSITELE 8-4		4	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		
BSITELE 9-4		4	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		
Core and Concentration Total QH:		118					
Degree Program Total		184					

Approved By: Richard Cai   Date: 1/5/2023

Colorado Technical University

Bachelor of Science in Business Administration
Concentration: Management
ARTICULATION

Residency Met?**	NO
Total Credits Awarded**	90
GenEd Block Transfer?	YES

COLORADO COMMUNITY COLLEGE SYSTEM

General Education (66 Quarter Hours Total)

Written Communications 9 Quarter Credit Hours)

CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
ENGL104: Introductory Written Communications		4.5	TRANSFER	CCCS	ENG1021	3	
ENGL105: Professional Written Communications		4.5	TRANSFER	CCCS	ENG1022	3	

Arts/Humanities (9 Quarter Credit Hours)

| COMS105: Interpersonal Communications | | 4.5 | TRANSFER | CCCS | ARTS/HUM ELECTIVE | 3 | |
| PHIL101: Introduction to Ethics | | 4.5 | TRANSFER | CCCS | ARTS/HUM ELECTIVE | 3 | |

Social/Behavioral Sciences (13.5 Quarter Credit Hours)

ECON210: Principles of Macroeconomics		4.5	TRANSFER	CCCS	ECO2001	3	
ECON212: Principles of Microeconomics		4.5	TRANSFER	CCCS	ECO2002	3	
HIST101: Modern American History: 1950 to the 21st Century		4.5	TRANSFER	CCCS	HISTORY ELECTIVE	3	

Mathematics (18 Quarter Credit Hours)

MATH102: Introduction to College Math		4.5	TRANSFER	CCCS	MAT1340	4	
MATH106: Algebra for Business		4.5	TRANSFER	CCCS	MAT1400 OR HIGHER	4	
MATH301: Data Driven Statistics		4.5	TRANSFER	CCCS	BUS2026	3	
MATH451: Data Driven Decision Making		4.5	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		

Sciences (12 Quarter Credit Hours)

SCI101: Introduction to the Sciences		4.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE W/LAB*	3	
SCI103: Science and Technology- Laboratory Course		1.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE W/LAB*	1	
SCI201: Environmental Science and Sustainability		4.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE	3	
SCI203: Environmental Science and Sustainability - Laboratory Course		1.5	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		

Student Success (4.5 Quarter Credit Hours)

| UNIV104: Academic and Career Success | | 4.5 | TRANSFER | CCCS | COM1150** | 3 | |

| General Education Total QH Credit: | 66 |

COLORADO COMMUNITY COLLEGE SYSTEM Associate of Arts in Business

*CTU SCIENCE ELECTIVES CANNOT BE FULFILLED BY THE CSC (COMPUTER) SCIENCE ELECTIVE OPTIONS FROM CCCS CATALOG

**IN ORDER TO RECEIVE FULL 90QH OF TRANSFER CREDIT (INCLUDING UNIV104) OFFICIAL CCCS TRANSCRIPT MUST BE RECEIVED BY CTU PRIOR TO END OF ADD/DROP PERIOD OF FIRST CLASS SESSION

Core Courses (86 Quarter Hours Total)

CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
ACCT201: Accounting I		4	TRANSFER	CCCS	ACC1021	4	
FIN205: Finance Literacy in Today's World		4					
BADM440: Research Design Methods and Applications		4					
BUS270: Business Ethics and Leadership		4					
FINC225: Financial Statement Analysis		4					
HRMT215: Management of Human Resources		4					
HRMT440: Managing Organizational Change		4					
IT254: Spreadsheet Applications		4					
MGM255: Management Fundamentals		4					
MGM316: International Business Communications		4					
MGM335: Organizational Behavior Principles		4					
Business Core Elective		4	TRANSFER	CCCS	ACC1022	4	
MGM365: The Legal and Ethical Environment of Business		4	TRANSFER	CCCS	BUS2016	3	
MGMT235: Business Law I		4					
MGMT345:Operations Management		4					
MGMT455: Business Policies and Strategies		4					
MGMT495: Business Capstone		4					
MKTG225: Introduction to Marketing		4					
MPM210: Introduction to Project Management		6					
SCM210: Introduction to Logistics/Supply Chain Management		4					
MGMT115: Introductory Business Practice		4	TRANSFER	CCCS	BUS1015	3	

Concentration Courses (28QH)

ACCT351 Cost Accounting		4					
BADM370 Quality Management		4					
HRMT330 HRM Legal Environment		4					
MKTG320 Advertising and Public Relations		4					
MPM344 Project Risk Management		4					
BUSELE1-4		4	TRANSFER	CCCS	BUS2017	3	
BUSELE2-4		4	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		

| Core and Concentration Total QH: | 114 |

| Degree Program Total | 180 |

Approved By: Catherine McBride
Date: 12/15/2022

Colorado Technical University

Bachelor of Science in Business Administration
Concentration: Healthcare Management
ARTICULATION

COLORADO COMMUNITY COLLEGE SYSTEM

Residency Met?	NO
Total Credits Awarded**	90
GenEd Block Transfer?	YES

General Education (66 Quarter Hours Total)

Written Communications 9 Quarter Credit Hours)

CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
ENGL104: Introductory Written Communications		4.5	TRANSFER	CCCS	ENG1021	3	
ENGL105: Professional Written Communications		4.5	TRANSFER	CCCS	ENG1022	3	

Arts/Humanities (9 Quarter Credit Hours)

COMS105: Interpersonal Communications		4.5	TRANSFER	CCCS	ARTS/HUM ELECTIVE	3	
PHIL101: Introduction to Ethics		4.5	TRANSFER	CCCS	ARTS/HUM ELECTIVE	3	

Social/Behavioral Sciences (13.5 Quarter Credit Hours)

ECON210: Principles of Macroeconomics		4.5	TRANSFER	CCCS	ECO2001	3	
ECON212: Principles of Microeconomics		4.5	TRANSFER	CCCS	ECO2002	3	
HIST101: Modern American History: 1950 to the 21st Century		4.5	TRANSFER	CCCS	HISTORY ELECTIVE	3	

Mathematics (18 Quarter Credit Hours)

MATH102: Introduction to College Math		4.5	TRANSFER	CCCS	MAT1340	4	
MATH106: Algebra for Business		4.5	TRANSFER	CCCS	MAT1400 OR HIGHER	4	
MATH301: Data Driven Statistics		4.5	TRANSFER	CCCS	BUS2026	3	
MATH451: Data Driven Decision Making		4.5	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		

Sciences (12 Quarter Credit Hours)

SCI101: Introduction to the Sciences		4.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE W/LAB*	3	
SCI103: Science and Technology- Laboratory Course		1.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE W/LAB*	1	
SCI201: Environmental Science and Sustainability		4.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE	3	
SCI203: Environmental Science and Sustainability - Laboratory Course		1.5	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		

Student Success (4.5 Quarter Credit Hours)

UNIV104: Academic and Career Success		4.5	TRANSFER	CCCS	COM1150**	3	

General Education Total QH Credit:	66

COLORADO COMMUNITY COLLEGE SYSTEM Associate of Arts in Business

Core Courses (86 Quarter Hours Total)

CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
ACCT201: Accounting I		4	TRANSFER	CCCS	ACC1021	4	
FIN205: Finance Literacy in Today's World		4					
BADM440: Research Design Methods and Applications		4					
BUS270: Business Ethics and Leadership		4					
FINC225: Financial Statement Analysis		4					
HRMT215: Management of Human Resources		4					
HRMT440: Managing Organizational Change		4					
IT254: Spreadsheet Applications		4					
MGM255: Management Fundamentals		4					
MGM316: International Business Communications		4					
MGM335: Organizational Behavior Principles		4					
Business Core Elective		4	TRANSFER	CCCS	ACC1022	4	
MGM365: The Legal and Ethical Environment of Business		4	TRANSFER	CCCS	BUS2016	3	
BUSELE2-4		4	TRANSFER	CCCS	BUS2017	3	
MGMT345:Operations Management		4					
MGMT455: Business Policies and Strategies		4					
MGMT495: Business Capstone		4					
MKTG225: Introduction to Marketing		4					
MPM210: Introduction to Project Management		6					
SCM210: Introduction to Logistics/Supply Chain Management		4					
MGMT115: Introductory Business Practice		4	TRANSFER	CCCS	BUS1015	3	

Concentration Courses (28QH)

HCM307 The Health Care Industry		4					
HCM337 Current Legal, Ethical and Regulatory Issues in Healthcare		4					
HCM410 Fiscal Management in Healthcare Services		4					
HRMT330 HRM Legal Environment		4					
HSA320 Administration in Healthcare Services		4					
HCM419 Health Policy and Politics		4					
BUSELE1-4		4	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		

Core and Concentration Total QH:	114

Degree Program Total	180

Approved By:	Date:
Catherine McBride	12/15/2022

Bachelor of Science in Business Administration
Concentration: General
ARTICULATION

Residency Met?	NO
Total Credits Awarded**	90
GenEd Block Transfer?	YES

General Education (66 Quarter Hours Total)

Written Communications 9 Quarter Credit Hours)

CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
ENGL104: Introductory Written Communications		4.5	TRANSFER	CCCS	ENG1021	3	
ENGL105: Professional Written Communications		4.5	TRANSFER	CCCS	ENG1022	3	

Arts/Humanities (9 Quarter Credit Hours)

| COMS105: Interpersonal Communications | | 4.5 | TRANSFER | CCCS | ARTS/HUM ELECTIVE | 3 | |
| PHIL101: Introduction to Ethics | | 4.5 | TRANSFER | CCCS | ARTS/HUM ELECTIVE | 3 | |

Social/Behavioral Sciences (13.5 Quarter Credit Hours)

ECON210: Principles of Macroeconomics		4.5	TRANSFER	CCCS	ECO2001	3	
ECON212: Principles of Microeconomics		4.5	TRANSFER	CCCS	ECO2002	3	
HIST101: Modern American History: 1950 to the 21st Century		4.5	TRANSFER	CCCS	HISTORY ELECTIVE	3	

Mathematics (18 Quarter Credit Hours)

MATH102: Introduction to College Math		4.5	TRANSFER	CCCS	MAT1340	4	
MATH106: Algebra for Business		4.5	TRANSFER	CCCS	MAT1400 OR HIGHER	4	
MATH301: Data Driven Statistics		4.5	TRANSFER	CCCS	BUS2026	3	
MATH451: Data Driven Decision Making		4.5	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		

Sciences (12 Quarter Credit Hours)

SCI101: Introduction to the Sciences		4.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE W/LAB*	3	
SCI103: Science and Technology- Laboratory Course		1.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE W/LAB*	1	
SCI201: Environmental Science and Sustainability		4.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE	3	
SCI203: Environmental Science and Sustainability - Laboratory Course		1.5	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE	1	

Student Success (4.5 Quarter Credit Hours)

| UNIV104: Academic and Career Success | | 4.5 | TRANSFER | CCCS | COM1150** | 3 | |

| **General Education Total QH Credit:** | 66 |

COLORADO COMMUNITY COLLEGE SYSTEM Associate of Arts in Business

*CTU SCIENCE ELECTIVES CANNOT BE FULFILLED BY THE CSC (COMPUTER) SCIENCE ELECTIVE OPTIONS FROM CCCS CATALOG

**IN ORDER TO RECEIVE FULL 90QH OF TRANSFER CREDIT (INCLUDING UNIV104) OFFICIAL CCCS TRANSCRIPT MUST BE RECEIVED BY CTU PRIOR TO END OF ADD/DROP PERIOD OF FIRST CLASS SESSION

Core Courses (86 Quarter Hours Total)

CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
ACCT201: Accounting I		4	TRANSFER	CCCS	ACC1021	4	
FIN205: Finance Literacy in Today's World		4					
BADM440: Research Design Methods and Applications		4					
BUS270: Business Ethics and Leadership		4					
FINC225: Financial Statement Analysis		4					
HRMT215: Management of Human Resources		4					
HRMT440: Managing Organizational Change		4					
IT254: Spreadsheet Applications		4					
MGM255: Management Fundamentals		4					
MGM316: International Business Communications		4					
MGM335: Organizational Behavior Principles		4					
Business Core Elective		4	TRANSFER	CCCS	ACC1022	4	
MGM365: The Legal and Ethical Environment of Business		4	TRANSFER	CCCS	BUS2016	3	
MGMT235: Business Law I		4					
MGMT345:Operations Management		4					
MGMT455: Business Policies and Strategies		4					
MGMT495: Business Capstone		4					
MKTG225: Introduction to Marketing		4					
MPM210: Introduction to Project Management		6					
SCM210: Introduction to Logistics/Supply Chain Management		4					
MGMT115: Introductory Business Practice	UNIV201	4	TRANSFER	CCCS	BUS1015	3	

Concentration Courses (28QH)

BUSELE1-4: Business Elective		4	TRANSFER	CCCS	BUS2017	3	
BUSELE2-4: Business Elective		4	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		
BUSELE3-4: Business Elective		4					
BUSELE4-4: Business Elective		4					
BUSELE5-4: Business Elective		4					
BUSELE6-4: Business Elective		4					
BUSELE7-4: Business Elective		4					

| **Core and Concentration Total QH:** | 114 |

| **Degree Program Total** | 180 |

| Approved By: | Catherine McBride |
| Date: | 12/15/2022 |

Bachelor of Science in Computer Science
Concentration: General
ARTICULATION

Residency Met?	NO
Total Credits Awarded*	91
GenEd Block Transfer?	YES

General Education (51 Quarter Hours Total)

Written Communications (9 Quarter Credit Hours)

CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
ENGL104: Introductory Written Communications		4.5	TRANSFER	CCCS	ENG1021	3	
ENGL105: Professional Written Communications		4.5	TRANSFER	CCCS	ENG1022	3	

Arts/Humanities (9 Quarter Credit Hours)

COMS105: Interpersonal Communications		4.5	TRANSFER	CCCS	ARTS/HUM ELECTIVE	3	
PHIL101: Introduction to Ethics		4.5	TRANSFER	CCCS	ARTS/HUM ELECTIVE	3	

Social/Behavioral Sciences (13.5 Quarter Credit Hours)

HIST101: Modern American History: 1950 to the 21st Century		4.5	TRANSFER	CCCS	HISTORY ELECTIVE	3	
PSYC102: Introductory Psychology		4.5	TRANSFER	CCCS	SOCIAL/BEH ELECTIVE	3	
SOCL102: Introductory Sociology		4.5	TRANSFER	CCCS	SOCIAL/BEH ELECTIVE	3	

Mathematics (4.5 Quarter Credit Hours)

MATH111: College Algebra for Technical Programs		4.5	TRANSFER	CCCS	MAT2410	5	

Sciences (10.5 Quarter Credit Hours)

SCI101: Introduction to the Sciences		4.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE W/LAB***	3	
SCI103: Science and Technology- Laboratory Course		1.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE W/LAB***	1	
SCI201: Environmental Science and Sustainability		4.5	TRANSFER	CCCS	NATURAL SCIENCE ELECTIVE***	3	

Student Success (4.5 Quarter Credit Hours)

UNIV104: Academic and Career Success		4.5	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE*		

General Education Total QH Credit:	51

COLORADO COMMUNITY COLLEGE SYSTEM Associate of Science in Computer Science

*IN ORDER TO RECEIVE FULL 91QH OF TRANSFER CREDIT (INCLUDING UNIV104) OFFICIAL CCCS TRANSCRIPT MUST BE RECEIVED BY CTU PRIOR TO END OF ADD/DROP PERIOD OF FIRST CLASS SESSION

**RECOMMENDED CSC ELECTIVE TO BE TAKEN AT CCCS TO QUALIFY FOR ARTICULATION 91QH TRANSFER CREDIT

***CTU SCIENCE ELECTIVES CANNOT BE FULFILLED BY THE CSC (COMPUTER) SCIENCE ELECTIVE OPTIONS FROM CCCS CATALOG

Core Courses (88 Quarter Hours Total)

CTU Course Code/Title	CTU Course Removed	CTU QH	Credit Type	Credit Source	External Course Code	External Credits Awarded	Grade
CE242 Computer Architecture		4	TRANSFER	CCCS	CSC2025	5	
CS101 Problem Solving in Computer Science		4	TRANSFER	CCCS	CSC1019**	3	
CS118 Principles of Programming Languages		4	TRANSFER	CCCS	CSC1060	4	
CS119 Introduction of Programming		4	TRANSFER	CCCS	CSC1061	4	
CS219 Python Programming		4	TRANSFER	CCCS	CSC2017**	3	
CS221 SQL Programming		4					
CS226 Java Programming		4	TRANSFER	CCCS	CSC2040**	3	
CS228 C++ Programming		4					
CS233 Fundamentals of Data Structures		4					
CS253 Introduction to Database Systems		4					
CS267 Computer Algorithms		4					
CS311 Mobile Programming		4	TRANSFER	CCCS	CSC2046**	3	
CS337 Introduction to Parallel Computing		4					
CS341 Principles of Operating Systems		4					
CS349 Software Engineering		4					
CS356 Foundations of Big Data Analytics		4					
CS491 Computer Science Team Project I		4					
CS492 Computer Science Team Project II		4					
CSS150 Introduction to Computer Security		4					
IT204 Fundamentals of Networking		4					
MATH211 Applications of Discrete Mathematics for Computer Systems and IT		4					
MATH311 Data Driven Statistics for Computer Systems and IT		4					

Concentration Courses (44QH)

BSCSELE		4	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		
BSCSELE		4	TRANSFER	CCCS	FULFILLED BY CONFERRED DEGREE		
BSCSELE		4	TRANSFER	CCCS	CSC2030**	4	
BSCSELE		4					
BSCSELE		4					
BSCSELE		4					
BSCSELE		4					
BSCSELE		4					
BSCSELE		4					
BSCSELE		4					
BSCSELE		4					

Core and Concentration Total QH:	132

Degree Program Total	183

Approved By:	Date:
Richard Cai	1/5/2023