

**Transfer Guide for Community College Students Transferring to:
Colorado State University – B.S. Computer Science – Computer Science Concentration**

Department of Computer Science

970-491-5792

I. General Education Courses

*Students who do not place into college level English Composition or Math will have to take pre-requisite Developmental Education courses.

Written Communication	6	ENG 121: English Composition I (3 cr) (GT-CO1) and ENG 122: English Composition II (3 cr) (GT- CO2) OR ENG 122: English Composition II (3 cr) (GT-CO2) and a GT-CO3 course (3 cr)	CO 130/CO 150 OR CO 150 and GT-CO3
Mathematics	5	MATH201: Calculus I (GT-MA1)	MATH160, MATH2++
Arts & Humanities	6	Two gtPathways Arts & Humanities courses from two different areas (GT-AH1 , GT-AH2 , GT-AH3 , or GT-AH4)	AUCC 3B
Social & Behavioral Sciences	6	Two gtPathways Social & Behavioral Science courses from two different areas (GT-SS1 , GT-SS2 , or GT-SS3)	AUCC 3C, AUCC 3E
History	3	One gtPathways History course (GT-HI1)	AUCC 3D
Natural & Physical Sciences	10	Select 10 credits from any combination of GT-SC1/GT-SC2 courses listed below. GT-SC1 courses in sequence are recommended (i.e., PHY 211 & 212, CHE 111 & 112, etc.). BIO 103 – Principles of Animal Biology (GT-SC2) BIO 111 – General Biology II with lab (GT-SC1) BIO 112 – General Biology II with lab (GT-SC1) BIO 221 – Botany (GT-SC1) CHE 101 – Introduction to Chemistry with Lab (GT-SC1) CHE 111 – General Chemistry I with Lab (GT-SC1) CHE 112 – General Chemistry II with Lab (GT-SC1) GEY 111 – Physical Geology with Lab (GT-SC1) GEY 112 – Historical Geology with Lab (GT-SC1) PHY 211 – Calculus-Based Physics I (GT-SC1) PHY 212 – Calculus-Based Physics II (GT-SC1)	BZ 110 LIFE102, LIFE1++L LIFE 103, LIFE1++L BZ 120, BZ 2++ CHEM107, CHEM108 CHEM111, CHEM112 CHEM113, CHEM114 GEOL120,GEOL121 GEOL 154 PH 141 PH 142
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II. Required Courses

5	MATH202: Calculus II (GT-MA1)	MATH161, MATH2++
3	MATH255 – Linear Algebra	MATH229, MATH2++
4	CSC 160 – Computer Science I*	CS 163, CS 165**
4	CSC 161 – Computer Science II*	
4	CSC 165 – Discrete Structures	CS 220
4	CSC 225 – Computer Arch/Assembly Language	CS 270
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*CSC 160/161 must be taught in Java to receive the direct transfer equivalent at Colorado State University. CSC 160/161 will be transferred for elective credits (CS 1++) if taught in a language other than Java.

**Students can elect to take CSC 160 (taught in Java) and CSC 240, as an alternative to CSC 161, they will receive CS 164(4cr) and CS 2++ (3cr).

ASSOCIATE OF ARTS OR SCIENCE DEGREE REQUIREMENTS (60 Credits):

Students should note that all required courses must be satisfactorily completed as part of the AA or AS degree at the community college and will also transfer and apply to the bachelor's degree requirements at the receiving 4-year institution. However, if you're going to transfer before completing the AA or AS degree, you may not need some of these courses. In that case, check with the receiving institution and an advisor for your options.

GUARANTEES & LIMITATIONS

- Completion of Associate's Degree:** This transfer guide identifies the courses a student needs to complete (with a C- or higher) to earn an AA or AS degree at a Colorado community/junior college in order to be able to finish the designated baccalaureate degree in no more than 60 credits. Per [Colorado Commission on Higher Education \(CCHE\) Policy I, L](#), students who complete an AA or AS degree at a Colorado community/junior college and who are admitted to a Colorado public baccalaureate institution are guaranteed the following: the full transfer and application of a minimum of 60 credits toward the baccalaureate degree requirements at the Colorado institution of higher education; completion of the lower-division component of the receiving institution's general education core curriculum; and junior standing. Course credit may be applied to major, elective or other requirements at the receiving institution's discretion. If more than 60 college-level credits are taken or the student gets lower than a C- in one or more courses at the community/junior college, then some loss of transfer credit may occur, and students may not be able to complete this baccalaureate degree in 120 credits.
- Transfer Before Completing the Associate's Degree:** If the student intends to transfer prior to completing an AA or AS degree, this transfer guide should still be used to identify the courses that can most effectively prepare them for efficiently completing the designated major at the baccalaureate institution to which they are transferring. While not completing the required associate's degree eliminates the guarantees described here, gtPathways general education courses identified in Section I are guaranteed to transfer and apply to the receiving institution's gtPathways lower division general education requirements. Students are strongly encouraged to finish course sequences (such as English Comp I & II or Calculus I, II & III) before transferring.

For additional information on CCHE transfer policies and gtPathways guaranteed transfer of general education credit, visit <http://highered.colorado.gov/Academics/Transfers/Students.html>. To file a transfer-related complaint with the Colorado Department of Higher Education, visit <http://highered.colorado.gov/Academics/Complaints/default.html>