Transfer & Advising Guide for Community College Students Transferring to:
Colorado State University – Bachelor of Science
Mechanical Engineering – Option for Aerospace Concentration

Department of Mechanical Engineering:
engr-me_frontdesk@mail.colostate.edu, 970-491-3587, https://www.engr.colostate.edu/me/

This agreement identifies community college courses that will apply to the baccalaureate degree.

If you plan to complete this bachelor's degree, recognize that:

1. You should transfer into the bachelor's program after you take the courses outlined below. Transfer hours beyond the credits below are not guaranteed to apply toward the bachelor's degree.
2. Courses must meet transfer requirements of a C- or higher to transfer into Colorado State University and honor the course transfer published in this guide.
3. This Transfer Guide does not supplant any other transfer agreement your Colorado community college may have with this 4-year institution.

Transfer Recommendations: To ensure graduation within a reasonable timeframe (4-5 years), it is important that students follow the recommended schedule below. Students who wish to continue their education at the community college beyond the number of credits specified below should explore with both 2-yr and 4-yr advisors how their graduation timeline, COF stipend, and financial aid will be affected.

Guarantees and Limitations: Students:

- are responsible for meeting all admission requirements at the 4-year institution;
- are not guaranteed admission to the bachelor's degree program at the 4-year institution;
- are guaranteed, once admitted, application of the transfer hours below to either lower division general education, course work required for the major, or elective credit;
- must consult with the 4-year institution's bachelor's degree program to utilize AP, IB, or CLEP credits;
- must consult with the 4-year institution's bachelor's degree program for transferability of course work credits beyond those prescribed below as additional courses are major specific and the 4-year institution may restrict the number of community college transfer credits.

Please note that this curriculum neither fulfills the gtPathways general education curriculum nor the associate degree requirements at the community college.

Required General Education Courses Applicable to the Major
Students will not complete gtpathway core curriculum prior to transfer, courses below will transfer and fulfill CSU All University Core Curriculum (AUCC) requirements, outstanding AUCC requirements will be completed at CSU

General Education Knowledge Area	Credit Hours	Community College (CCCS) Course No.	Course Title and gtPathways Category
Written Communication	6	ENG 1021 and ENG 1022 **OR** ENG 1022 and a GT-CO3 course	English Composition I (GT-CO1) and English Composition II (GT-CO2) **OR** English Composition II (GT-CO2) and Advanced Writing CO3 course (GT-CO3)
Social & Behavioral Science	3		Any gtPathways Social & Behavioral Sciences course from one of the following SS Categories: GT-SS1, GT-SS2 or GT-SS3
Mathematics	5	MAT 2410	Calculus I (GT-MA1)
Natural & Physical Sciences	5	PHY 2111	Calculus-based Physics I/Lab (GT-SC1)
	19	All credits will transfer and apply to the bachelor's degree	

Credit Hours	Community College Course No. and Title	4-year Institution's Course Number
5	CHE 1111: General College Chemistry I/Lab	CHEM 111/112: General Chemistry I and Laboratory
4	EGG 1060: Intro to Engineering Computing	MECH 105: Problem Solving
5	MAT 2420: Calculus II	MATH 161: Calculus for Physical Scientists II
3	EGG 1040: Engineering Projects	MECH 202: Engineering Design II
5	MAT 2431: Calculus III	MATH 261: Calculus for Physical Scientists III
5	PHY 2112: Calculus-based Physics II/Lab	PH 142: Physics for Scientists and Engineers II
3	EGG 2011: Engineering Mechanics I (Statics)	CIVE 260: Engineering Mechanics - Statics
4	MAT 2562: Differential Equations with Linear Algebra	MATH 2++1B*
3	EGG 2012: Engineering Mechanics (Dynamics)	CIVE 261: Engineering Mechanics - Dynamics
3 (1, 2)	EGG 1050 AND EGG 1051: Engineering Data Analysis AND Experimental Design	MECH 231: Engineering Experimentation
4 (3, 1)	CAD 2455 AND MAC 1042: SolidWorks/Mechanical AND 3D Modeling Fabrication Lab	MECH 201 AND MECH 200B: Engineering Design I AND Intro. to Manufacturing Processes: Laboratory
44	**TOTAL REQUIRED COURSE CREDITS**	

*Course will be used in substitution for CSU required MATH340

Special Program Notes:

Students following this guide will be eligible for the Colorado Reverse Transfer initiative and will be provided the opportunity to elect their Associate of Science awarded from the Colorado Community College System.

Admission Requirements to the Institution and the College/School/Department

Students transferring from community college should refer to the published admissions standards at: https://www.engr.colostate.edu/me/bs-mechanical-engineering/

Please consult: https://admissions.colostate.edu/

For additional information you may contact the Office of Admissions: email: admissions@colostate.edu; Phone: 970-491-6909; Text: 970-444-1416

Transfer Disputes

If disagreement regarding the transferability of credits for coursework or a degree occurs between a student and a receiving two-year or four-year institution, the Department will facilitate an expeditious review and resolution of the matter pursuant to Commission Policy, Section I, Part T: Student Complaint Policy. For more information, contact the Department at 303-866-2723 or file a complaint at http://highered.colorado.gov/Academics/Complaints/default.html