



University of Colorado
Colorado Springs



University of Colorado
Denver

Guaranteed Admission Agreement and 2+2 Transfer Pathway Program in Civil Engineering College of Engineering, Design and Computing at the University of Colorado Denver (CU Denver)/ College of Engineering and Applied Science at University of Colorado Colorado Springs (UCCS)

The College of Engineering, Design and Computing at the University of Colorado Denver and the College of Engineering and Applied Science at the University of Colorado Colorado Springs seek to enroll students who have the academic preparation necessary to successfully complete a newly designated pathway in Civil Engineering.

This partnership will allow students currently enrolled in the College of Engineering and Applied Science at the University of Colorado Colorado Springs access to a guaranteed admission pathway to the University of Colorado Denver campus Civil Engineering degree program, provided they meet the criteria listed in this agreement.

When applications are reviewed for students in this partnership, for guaranteed admission, students must maintain consistent or improving grades throughout their technical coursework at UCCS and ideally attain grades of B or better in core math, science, engineering, computer science coursework.

During their final term at UCCS, students apply for admission to CU Denver.

Guaranteed Admission Requirements:

- Admission to UCCS College of Engineering and Applied Science
- Good academic standing and no individual grades lower than a C-. If courses were repeated, only the most recent attempt will be considered.
- Complete at least 60 credits of the coursework listed below, including all math and physics courses.
- Maintain a University of Colorado cumulative GPA of 2.00 or higher

Table 1. UCCS Coursework (First Two Years)

<i>UCCS Course</i>			<i>CU Denver Course equivalent</i>		
Course ID	Name	Cr	Course ID	Name	Cr
MATH 1350	Calculus 1	4	MATH 1401	Calculus 1	4
MATH 1360	Calculus 2	4	MATH 2411	Calculus 2	4
MATH 2400	Calculus 3	4	MATH 2421	Calculus 3	4
MATH 3130	Linear Algebra	3	MATH 3191	Linear Algebra	3
MATH 3400	Differential Equations	3	MATH 3200	Differential Equations	3
MATH 3810	Intro to Probability & Stats	3	CVEN 3611	Engineering Statistics	3
PES 1110	General Physics 1	4	PHYS 2311	General Physics 1	4
PES 1120	General Physics 2	4	PHYS 2331	General Physics 2	4
PES 1160	Adv. Physics Lab 1	1	PHYS 2321	Physics Lab I	1

CHEM 1401+1402	General Chemistry with lab	5		CHEM 2031+2038	General Chemistry with lab	4
MAE 1503	Introduction to Engineering Design	3		ENGR 1200	Engineering Design	3
CS 1150	Principles of Computer Science	3		ENGR 1100	Computational Foundations	3
MAE 2103	Engineering Mechanics 1	3		CVEN 2121	Analytical Mechanics 1	3
MAE 2104	Engineering Mechanics 2	3		CVEN 3111	Analytical Mechanics 2	3
MAE 2200	Materials Engineering	3		CVEN 3141	Structural Materials	2
MAE 3201	Strength of Materials	3		CVEN 3121	Mechanics of Materials	3
ENGL 1308 or 1310	Rhetoric and Writing I	3		ENGL 1020	Core Composition I	3
TCID 2090	Technical Writing and Presentation	3		XXXX XXXX	Technical Elective	3
	AH 1000 or MUS 1000*	3		XXXX XXXX	Core Arts	3
	COMM 1050 or PSY 1000*	3		XXXX XXXX	Core Behavioral Science	3
	PHIL 1020 or PHIL 1120*	3		XXXX XXXX	Core Humanities	3
	PHIL 3100 or PSCI 1010*	3		XXXX XXXX	Core International Perspectives	3
	ECON 1010 or GES 1980*	3		XXXX XXXX	Core Social Science	3

*see transferology.com for additional options

Table 2. CU Denver CVEN Major Coursework (after transfer – last two years)

Fall Semester 3

Course	Course Title	Credits
CVEN 1067	Intro to Civil	1
CVEN 1025	Civil Engineering Graphics	3
CEMT 2100	Construction Management	3
CVEN 3602	Transportation Engineering	3
CVEN 3313	Fluid Mechanics	3
CVEN 3718	Geotechnical Engineering	3
	Total Credits	16

Spring Semester 3

Course	Course Title	Credits
CVEN 2214	Surveying basics	1
ENGL 2030	Core Composition II	3
CVEN 3401	Environmental Engineering	3
CVEN 3323	Hydrosystems	3
CVEN 3505	Structural Analysis	3
CVEN 4077	Engineering Economy	3
	Total Credits	16

Fall Semester 4

Course	Course Title	Credits
CVEN 3200	Civil Computing	3
Design 1	Select from list	3
Design 2	Select from list	3
XXXX XXXX	Core Cultural Diversity	3
CVEN 4XXX	Technical Elective	3
	Total Credits	15

Spring Semester 4

Course	Course Title	Credits
Design 3	Select from list	3
Design 4	Select from list	3
CVEN 4XXX	Technical Elective	3
CVEN 4000	Senior Seminar	0
CVEN 4067	Senior Design	3
	Total Credits	12

Total Credits (including UCCS and CU Denver courses) = 131 credits

CVEN DESIGN AND TECHNICAL ELECTIVES**DESIGN ELECTIVES**

Upper-division CVEN design courses as published in the [CU Denver Catalog](#). Examples include:

CVEN 4602	Advanced Highway Design
CVEN 4426	Pipe Network and Sewer Design
CVEN 4427	Stormwater Design
CVEN 4575	Structural Steel Design
CVEN 4585	Reinforced Concrete Design
CVEN 4738	Foundation Design

TECHNICAL ELECTIVES

Generally, upper-division (3000+) math, science, or engineering courses with technical content. All upper-division CEMT/CVEN courses are technical electives; up to 3 credits of lower division math, science, or engineering courses will be allowed with prior advisor approval.

Additional Considerations

This agreement applies to students who apply for admission to CU Denver starting in Fall 2025 and beyond.

UCCS students interested in this pathway will apply to the Denver campus as a Transfer student and will be given consideration under the aforementioned criteria by the Office of Admissions, in consultation with the Civil Engineering Department.

Signatures

The parties hereto have executed this Agreement on the day and year of the last date accompanying the signatures.

University of Colorado, Colorado Springs

Provost

Signed by:
By (Sign): Lynn Vidler
7FBB09307EB94BF...

Name: Lynn Vidler

Title: Interim Provost & Executive Vice

Chancellor for Academic Affairs

Date: 2/12/2025

Dean

Signed by:
By (Sign): Ying Shang
F6T03EADA1BB4A7...

Name: Ying Shang

Title: Dean, College of Engineering and Applied

Science

Date: 2/12/2025

Chair

DocuSigned by:
By (Sign): PETER GORDER
D8B38AAD645E40F...

Name: Peter Gorder

Title: Chair, Department of Mechanical and

Aerospace Engineering

Date: 2/12/2025

University of Colorado, Denver

Provost

Signed by:
By (Sign): Pamela Jansma
EE80ACFC28C14FE...

Name: Pamela Jansma

Title: Interim Provost and Executive Vice

Chancellor for Student and Academic Affairs

Date: 2/12/2025

Dean

DocuSigned by:
By (Sign): Martin Dunn
6294202EC929434...

Name: Martin Dunn

Title: Dean, College of Engineering, Design and

Computing

Date: 2/12/2025

Chair

Signed by:
By (Sign): Kevin Lee Rens
643FE45BBBE1412...

Name: Kevin Rens

Title: Chair, Department of Civil Engineering

Date: 2/12/2025