

Pre-Engineering Transfer Plan of Study
Metro State University of Denver
 (Requires Online Courses)

Credits		Course Number
<u>6</u>	<u>Written Communication (must be gtPathways approved) – 6 Credits</u> English Composition I English Composition II	ENG 121 ENG 122
<u>3</u>	<u>Oral Communication – 3 Credits</u> Public Speaking	COM 115
<u>10</u>	<u>Mathematics (must be gtPathways approved) – 14 Credits</u> Calculus I Calculus II	MAT 201 MAT 202
<u>3</u>	<u>200 level Arts and Humanities - 3 Credits</u> AH1: ART 207;THE 212; AH2: LIT 201,202,205,211,212, 221,222,225; AH3: PHI 218	___ ___
<u>3</u>	<u>200 level History– 3 Credits</u> HI1: HIS 225,235,236,244	HIS ___
<u>3</u>	<u>Social & Behavioral Science – 3 Credits</u> Principles of Macroeconomics	ECO 201
<u>10</u>	<u>Natural & Physical Science – 10 Credits</u> Calculus Based Physics I General College Chemistry I	PHY 211** CHE 111
36	Total Credits	

Students should designate an Associate of Science degree plan. Additional elective courses are available, but may not transfer to Metro State University of Denver engineering programs, consult with your CNCC advisor.

**Course not taught on campus but is available online

gtPathways courses are indicated in **BOLD** print *This program is financial aid eligible.

<http://higherred.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html>

[https://www.ccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/.](https://www.ccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/)

Pre-Engineering Transfer Plan of Study
Fort Lewis College
 (Requires Online Courses)

Credits		Course Number
<u>3</u>	<u>Written Communication (must be gtPathways approved) – 3 Credits</u> English Composition I	ENG 121
<u>14</u>	<u>Mathematics (must be gtPathways approved) – 14 Credits</u> Calculus I Calculus II Calculus III	MAT 201 MAT 202 MAT 203**
<u>3</u>	<u>History, Arts and Humanities, or Social Behavioral Sciences- 3 Credits</u> HI1: HIS 101,102,111,112,121,122,225,235,236,244 AH1: ART 110,111,112,207; MUS 120,121,122; THE 105,211,212; AH2: HUM115,121,122,123; LIT115,201,202,205,211,212,221,222,225; AH3: PHI 111,112,113,114,214,218; SS1: AGE 102; ECO 201,202; POS 105,111,205,225; SS2: GEO 105,106; SS3: AGR 260; ANT 101,107,111; CRJ 110; PSY 205,217,226,227, 235,238,249; SOC 101,102,205,207,215,216,231,237	— —
<u>10</u>	<u>Natural & Physical Science – 10 Credits</u> Calculus Based Physics I Calculus Based Physics II	PHY 211** PHY 212**
36	Total Credits	

Students should designate an Associate of Science degree plan. Additional elective courses are available, but may not transfer to Fort Lewis College engineering programs, consult with your CNCC advisor.

**Course not taught on campus but is available online

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<http://highereducationcolorado.gov/Academics/Transfers/gtPathways/Curriculum.html>

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Pre-Engineering Transfer Plan of Study
University of Colorado - Denver
 (Requires Online Courses)

Credits		Course Number
<u>6</u>	<u>Written Communication– 6 Credits</u> English Composition I English Composition II	ENG 121 ENG 122
<u>5</u>	<u>Mathematics – 5 Credits</u> Calculus I	MAT 201
<u>6</u>	<u>Arts and Humanities (must be gtPathways approved) - 6 Credits</u> AH1: ART 110,111,112,207; MUS 120,121,122; THE 105,211,212; AH2: HUM115,121,122,123; LIT115,201,202,205,211,212,221,222,225; AH3: PHI 111,112,113,114,214,218; AH4: FRE/GER/ITA/JPN/RUS/SPA 211,212	____ ____
<u>3</u>	<u>History (must be gtPathways approved) – 3 Credits</u> HI1: HIS 101,102,111,112,121,122,225,235,236,244	HIS ____
<u>6</u>	<u>Social & Behavioral Science (must be gtPathways approved) – 6 Credits</u> SS1: AGE 102; ECO 201,202; POS 105,111,205,225; SS2: GEO 105,106; SS3: AGR 260; ANT 101,107,111; CRJ 110; PSY 101,102,205,217, 226,227,235, 238,249; SOC 101,102,205,207,215,216,231,237	____ ____
<u>10</u>	<u>Natural & Physical Science – 10 Credits</u> Calculus Based Physics I General College Chemistry I	PHY 211** CHE 111
36	Total Credits	

Students should designate an Associate of Science degree plan. Additional elective courses are available, but may not transfer to University of Colorado Denver engineering programs, consult with your CNCC advisor.

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Pre-Engineering Transfer Plan of Study
University of Colorado - Colorado Springs
 (Requires Online Courses)

Credits		Course Number
<u>3</u>	<u>Written Communication– 6 Credits</u> English Composition I	ENG 121
<u>17</u>	<u>Mathematics – 17 Credits</u>	
5	Calculus I	MAT 201
5	Calculus II	MAT 202
4	Calculus III	MAT 203**
3	Differential Equations	MAT 265**
<u>3</u>	<u>Arts and Humanities (must be gtPathways approved) - 6 Credits</u> AH1: ART 110,111,112,207; MUS 120,121,122; THE 105,211,212; AH2: HUM115,121,122,123; LIT115,201,202,205,211,212,221,222,225; AH3: PHI 111,112,113,114,214,218; AH4: FRE/GER/ITA/JPN/RUS/SPA 211,212	___ ___
<u>3</u>	<u>200 level History (must be gtPathways approved) – 3 Credits</u> HI1: HIS 225,235,236,244	HIS ___
<u>3</u>	<u>Social & Behavioral Science (must be gtPathways approved) – 6 Credits</u> SS1: AGE 102; ECO 201,202; POS 105,111,205,225; SS2: GEO 105,106; SS3: AGR 260; ANT 101,107,111; CRJ 110; PSY 101,102,205,217, 226,227,235, 238,249; SOC 101,102,205,207,215,216,231,237	___ ___
<u>10</u>	<u>Natural & Physical Science – 10 Credits</u>	
5	Calculus Based Physics I	PHY 211**
5	Calculus Based Physics I	PHY 211**
5	General College Chemistry I	CHE 111
39	Total Credits	

Students should designate an Associate of Science degree plan. Additional elective courses are available, but may not transfer to University of Colorado – Colorado Springs engineering programs, consult with your CNCC advisor.

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Pre-Engineering Transfer Plan of Study
University of Colorado - Boulder
 (Requires Online Courses)

Credits		Course Number
<u>10</u>	<u>Mathematics (must be gtPathways approved) – 14 Credits</u> Calculus I Calculus II	MAT 201 MAT 202
<u>3</u>	<u>Arts and Humanities (must be gtPathways approved) - 3 Credits</u> AH1: ART 110,111,112,207; MUS 120,121,122; THE 105,211,212; AH2: HUM115,121,122,123; LIT115,201,202,205,211,212,221,222,225; AH3: PHI 111,112,113,114,214,218; AH4: FRE/GER/ITA/JPN/RUS/SPA 211,212	____
<u>3</u>	<u>History (must be gtPathways approved) – 3 Credits</u> HI1: HIS 101,102,111,112,121,122,225,235,236,244	HIS ____
<u>3</u>	<u>Social & Behavioral Science – 3 Credits</u> SS1: AGE 102; ECO 201,202; POS 105,111,205,225; SS2: GEO 105,106; SS3: AGR 260; ANT 101,107,111; CRJ 110; PSY 101,102,205,217, 226,227,235, 238,249; SOC 101,102,205,207,215,216,231,237	____
<u>10</u>	<u>Natural & Physical Science – 10 Credits</u> Calculus Based Physics I General College Chemistry I	PHY 211** CHE 111
29	Total Credits	

Students should designate an Associate of Science degree plan. Additional elective courses are available, but may not transfer to University of Colorado Boulder engineering programs, consult with your CNCC advisor.

**Course not taught on campus but is available online

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Pre-Engineering Transfer Plan of Study
Colorado State University - Pueblo
 (Requires Online Courses)

Credits		Course Number
<u>6</u>	<u>Written Communication (must be gtPathways approved) – 6 Credits</u> English Composition I English Composition II	ENG 121 ENG 122
<u>18</u>	<u>Mathematics (must be gtPathways approved) – 18 Credits</u> Calculus I Calculus II Linear Algebra Differential Equations	MAT 201 MAT 202 MAT 255** MAT 265**
<u>6</u>	<u>Arts & Humanities (must be gtPathways approved) – 6 Credits</u> AH1: ART 110,111,112,207; MUS 120,121,122; THE 105,211,212; AH2: HUM 121,122,123; LIT 115,201,202,205,211,212,221,222,225; AH3: PHI 111,112,113,114,214,218;	AH_ ____ AH_ ____
<u>3</u>	<u>History (must be gtPathways approved) – 3 Credits</u> HI1: HIS 101,102,111,112,121,122,225,235,236,244	HIS ____
<u>6</u>	<u>Social & Behavioral Science (must be gtPathways approved)–6 Credits</u> SS1: AGE 102; ECO 201,202; POS 105,111,205,225; SS2: GEO 105,106; SS3: AGR 260; ANT 101,107,111; CRJ 110; PSY 205,217,226,227, 235,238,249; SOC 101,102,205,207,215,216,231,237	SS_ ____ SS_ ____
<u>10</u>	<u>Natural & Physical Science – 10 Credits</u> Calculus Based Physics I Calculus Based Physics II	PHY 211** PHY 212**
36	Total Credits	

Students should designate an Associate of Science degree plan. Additional elective courses are available, but may not transfer to Colorado State University -Pueblo engineering programs, consult with your CNCC advisor.

**Course not taught on campus but is available online

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Pre-Engineering Transfer Plan of Study
Colorado State University
 (Requires Online Courses)

Credits		Course Number
<u>6</u>	<u>Written Communication– 6 Credits</u> English Composition I English Composition II	ENG 121 ENG 122
<u>5</u>	<u>Mathematics– 5 Credits</u> Calculus I	MAT 201
<u>3</u>	<u>Arts & Humanities (must be qtPathways approved) – 3 Credits</u> AH1: ART 110,111,112,207; MUS 120,121,122; THE 105,211,212; AH2: HUM 121,122,123; LIT 115,201,202,205,211,212,221,222,225; AH3: PHI 111,112,113,114,214,218;	AH_ ____
<u>3</u>	<u>History (must be qtPathways approved) – 3 Credits</u> HI1: HIS101,102,111,112,121,122,225,235,236,244	HIS ____
<u>3</u>	<u>Social & Behavioral Science (must be qtPathways approved)–6 Credits</u> Principles of Microeconomics	ECO 202
<u>10</u>	<u>Natural & Physical Science – 10 Credits</u> General College Chemistry I Calculus Based Physics I	CHE 111 PHY 211**
30	Total Credits	

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**Course not taught on campus but is available online

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