

**Pre-Engineering Transfer Plan of Study**  
**Colorado School of Mines**  
 (Requires Online Courses)

Credits		Course Number
<u>18</u>	<u>Mathematics (must be gtPathways approved)– 18 Credits</u> <b>Calculus I</b> <b>Calculus II</b> <b>Calculus III</b> <b>Differential Equations</b>	<b>MAT 201</b> <b>MAT 202</b> <b>MAT 203**</b> <b>MAT 265**</b>
<u>6</u>	<u>200 level History, Arts and Humanities, or Social Behavioral Sciences- 6 Credits</u> <b>HI1: 235,236,244</b> <b>AH1: ART 207;,211,212; AH2: LIT 201,202,205,211,212,221,222,225;</b> <b>AH3: PHI 214,218;</b> <b>AH4: FRE/GER/ITA/JPN/RUS/SPA 211,212</b> <b>SS1: ECO 201,202; 205,225;</b> <b>SS3: AGR 260; PSY 205,217, 226,227,235, 238,249; SOC 205,</b> <b>207,215,216,231,237</b>	_____ _____
<u>10</u>	<u>Natural &amp; Physical Science– 10 Credits</u> <b>General College Chemistry I</b> <b>Physics: Calculus-based I</b>	<b>CHE 111</b> <b>PHY 211**</b>
<u>10</u>	<u>Electives – 10 Credits</u> <b>General College Chemistry II</b> <b>Physics: Algebra based II</b>	<b>CHE 112</b> <b>PHY 212**</b>
<u>44</u>	Total Credits	

Students should designate an Associate of Science degree plan. Additional elective courses are available, but may not transfer to Colorado School of Mines, 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.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/>.