MATH ADVISING

Developmental (non-credit)

- MAT 085 Prealgebra and Elementary Algebra (6 credits)
- MAT 094 Introductory Algebra (4 credits)
- MAT 095 Elementary Algebra (3 credits)

Credit Level

Intermediate Algebra
- MAT 137 (Regular-3 credits) or MAT 139 (Embedded-4 credits)
- Intermediate Algebra for Liberal Arts
  - MAT 137L (3 credits)
  - Transfers to CCSU as a Math credit (MAT 102)

MAT 135 Topics in Contemporary Math (3 credit terminal course)

STATS AND LIBERAL ARTS PATHWAY
- MAT 141 Number Systems (for Education majors)
- MAT 146 Math for Liberal Arts
- MAT 167 Principles of Statistics

BUSINESS PATHWAY
- MAT 152 Finite Math (C- in above)
- MAT 190 Calculus for Business and Social Sciences
  - (C+ in Intermediate Algebra OR C- in Finite Math)

STEM PATHWAY
- MAT 172 College Algebra
  - (C+ in Int. Alg. OR C- in MAT152 OR ‘P’ in MAT110)

- MAT 186 Pre-Calculus (C- in above)
- MAT 254 Calculus I
- MAT 256 Calculus II
- MAT 268 Calculus III
- MAT 272 Linear Algebra
- MAT 285 Differential Equations

*Solid lines represent the recommended path
Updated September 2020
Take MAT137L (Intermediate Algebra for the Liberal Arts) if you are on the Stats and Liberal Arts Pathway or the Business Pathway.

**Degrees**
- Visual Fine Arts
- VFA: Photography
- Business Administration
- Business Office Technology
- BOT: Medical
- Computer Information Systems*
- CIS: Programming
- CIS: Network Administration
- Criminal Justice
- CJ: Corrections
- Dental Hygiene
- Early Childhood Education
- General Studies*
- Graphic Design
- GD: Interactive Media
- Human Services
- HS: Family Violence
- Liberal Arts and Sciences*
- Pathway to Teaching
- Health Career Pathways*

**Transfer Tickets**
- Art Studies
- Business Studies
- Communication Studies
- Criminology Studies
- Early Childhood
- English Studies
- French Studies
- History Studies
- Italian Studies
- Political Science Studies
- Psychology Studies
- Social Work Studies
- Sociology Studies
- Spanish Studies

*May need a longer conversation to determine long-term goal.

**Stats and Liberal Arts Sequence:**

**Developmental Level (non-credit):**
MAT085 Prealgebra and Elementary Algebra (6 credits) or
MAT094 Introductory Algebra (4 credits) or
MAT 095 Elementary Algebra (3 credits)

**Credit Level:**
MAT137L Intermediate Algebra for the Liberal Arts *(transfers to CCSU as a Math credit)*

- MAT 141 Number Systems *(for Education majors)*
- MAT 146 Math for Liberal Arts
- MAT 167 Principles of Statistics *(leads to MAT 222 Stats II)*
- MAT 152 Finite Math *(leads to MAT190 Calc for Business)*

*If a student changes their major,* then they can take a 1 credit bridge course (MAT110) in the winter or summer OR Finite Math (MAT152) as a prerequisite to College Algebra.
Take MAT 137 or MAT 139 if you are on the STEM Pathway

<table>
<thead>
<tr>
<th>Degrees</th>
<th>Transfer Tickets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science/Mathematics</td>
<td>Biology Studies</td>
</tr>
<tr>
<td>Energy Management</td>
<td>Chemistry Studies</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>Mathematics Studies</td>
</tr>
<tr>
<td>Technology Studies</td>
<td>Physics Studies</td>
</tr>
<tr>
<td>TS: Biomolecular Science</td>
<td></td>
</tr>
<tr>
<td>TS: Engineering Technology</td>
<td></td>
</tr>
<tr>
<td>TS: Engineering and Education</td>
<td></td>
</tr>
</tbody>
</table>

**STEM Math Sequence:**

**Developmental (non-credit):**
- MAT085 Prealgebra and Elementary Algebra (6 credits) or
- MAT094 Introductory Algebra (4 credits) or
- MAT 095 Elementary Algebra (3 credits)

**Credit Level:**
- MAT 137 Intermediate Algebra (3 credits) or
- MAT139 Intermediate Algebra (Embedded 4 credits)

**MAT 172 College Algebra**

(C+ or above in Intermediate. Otherwise take MAT152 first.)

- MAT 186 Pre-Calculus
- MAT 254 Calculus I
- MAT 256 Calculus II
- MAT 268 Calculus III
- MAT 272 Linear Algebra
- MAT 285 Differential Equations

Updated September 2020