

Colorado Math Pathways Task Force

- Task force of math faculty from most four-year public institutions and reps from two-year institutions in Colorado
- Identify and suggest gateway math courses, that are rigorous and of quality in content and competencies, and that are appropriately aligned with the math skills students need to succeed in their programs of study.
- Work with representatives from academic disciplines and advisors to review math requirements and consider alternative courses to college algebra for non-calculus based majors.

The Math Pathways project is primarily concerned with promoting the idea of multiple math pathways into and through general education.

These pathways should:

- *consist of courses of good quality and of appropriate rigor,*
- *be aligned with students' programs of study,*
- *prepare students for further studies in their majors, and*
- *ideally lead students into further studies of mathematics and statistics*

We believe that College Algebra should not be the default general education course.

We want to see mathematics and statistics courses that will enable students to learn the quantitative skills that will serve them well in future studies, in the workplace, and as citizens.

Math Pathways Goals

Develop expectations and processes that result in each institution of higher education in Colorado offering pathways in mathematics that yield:

1. increased success for students in the study of mathematics
2. a higher proportion of students completing in a timely manner the appropriate gateway math course(s) for their intended degree program
3. effective transferability of credits for students moving from one institution to another

Curriculum Recommendation

- **Primary pathways in Colorado**
 - **Calculus Path** (*STEM*)
 - **Statistics Path**
 - **Quantitative Thinking Path**



More Information

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Put Colorado Math Pathways CDHE into your favorite search engine to get to our full final report

<https://highered.colorado.gov/Academics/MathPathways/Default.html>

Additional resources:

<http://advancingmathpathways.org/wp-content/uploads/2017/03/AMPSSNationalStrategyDRAFT.pdf>

<https://dcmathpathways.org/>