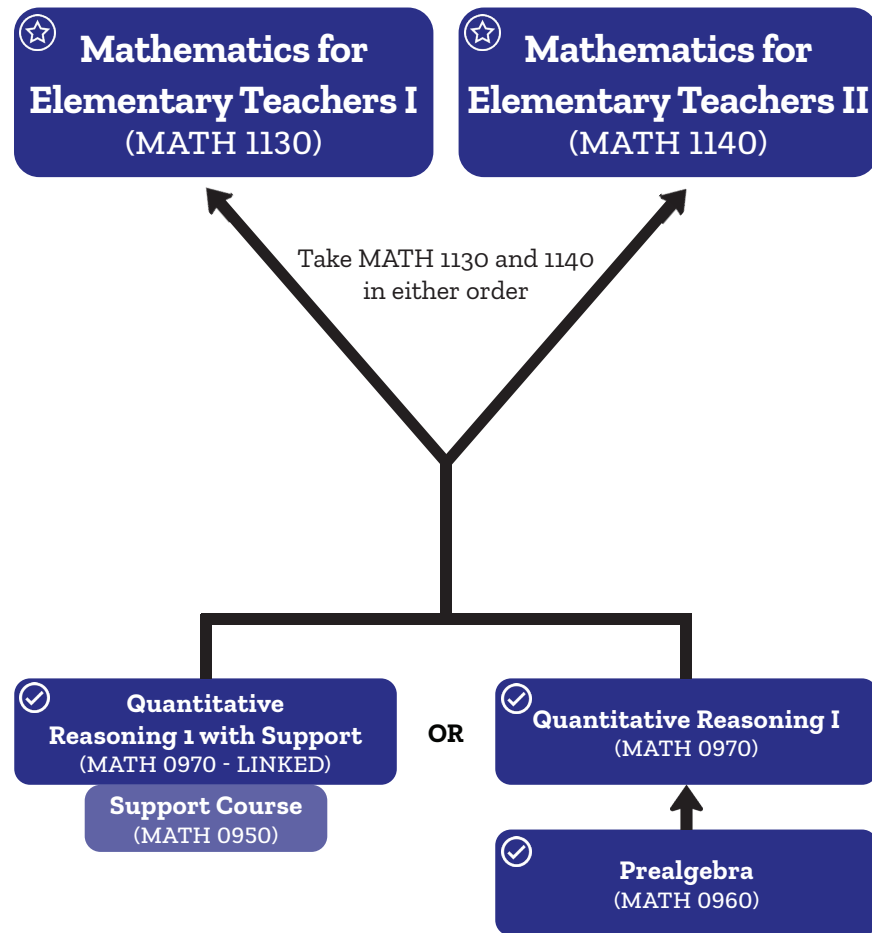


# CHILDHOOD EDUCATION MATH PATHWAY

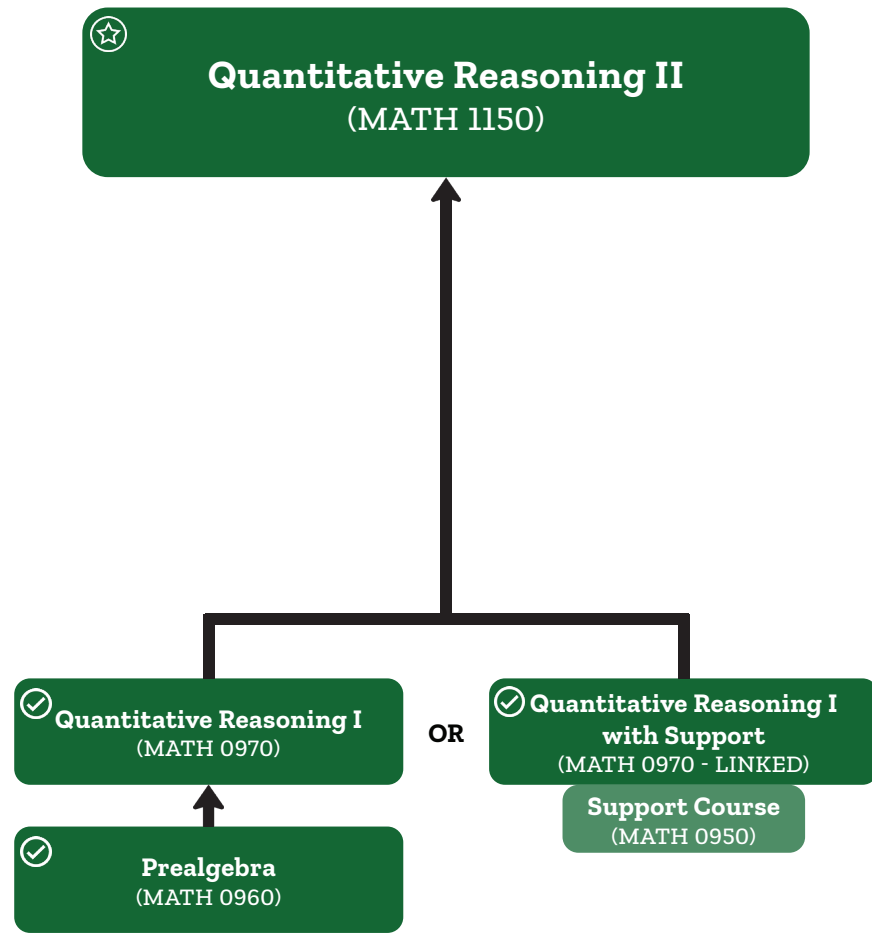
Childhood Education students who plan to concentrate in Mathematics or Science need to also be taking math courses in the Calculus Pathway.



**Linked courses** give an opportunity to get to your math requirement in fewer semesters. The linked support course is taken as a corequisite during the same semester where some prerequisite skills are covered and there is additional instruction time. Support courses are also available for those who meet the prerequisite but would prefer to have the additional instruction time and support.

# QUANTITATIVE REASONING MATH PATHWAY

Students in Digital Design should not be in this pathway. These students should take MATH 1230-1240 if not yet prepared for the math required in the program.



- ☑ Preparation courses
- ★ Typically courses that can meet a math requirement

## Other Resources for Math Advising:

1. Check the math requirements for the desired program in the College Catalog.
2. Check math placement in MyBanner to know what level at which to start in the pathway.
3. There are options in some cases. Scan the **QR code** to view the **math flow chart** and to see how all math courses connect.
4. Be sure to speak with a faculty advisor in the program or field. For example, Calculus is not required in the Business AS program but Business faculty can inform you which transfer schools will expect Calculus.



**SUNY  
CORNING**  
COMMUNITY COLLEGE

## Ask a member of the Mathematics Department:

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## MATHEMATICS PATHWAYS

This guide shows recommended mathematics sequences according to field of interest. It serves to guide students toward meeting math requirements, especially those needing prerequisite math courses.

# CHOOSE YOUR PATHWAY

## STEM & Business Transfer

Accounting  
Business - transfer  
Community & Public Health Education  
Computer Science  
Criminal Justice - transfer  
Cybersecurity  
Engineering Science  
Mathematics & Statistics  
Natural & Physical Sciences  
Pre-Med/Pharmacy/Veterinary  
Sustainability Studies

ALGEBRA/TRIG/CALCULUS PATHWAY

## Health & Social Sciences

Anthropology  
History  
Human Services  
Nursing  
Political Science  
Psychology  
Sociology

STATISTICS PATHWAY  
(non-algebra/trig route)

## Technology

Chemical Technology  
Computer Aided Drafting (CAD)  
CNC Programming  
Electrical Technology  
Information Technology (IT)  
Machine Tool Technology  
Mechanical Technology

TECHNOLOGY MATH PATHWAY

## Childhood Education

Childhood Education

CHILDHOOD EDUCATION MATH PATHWAY

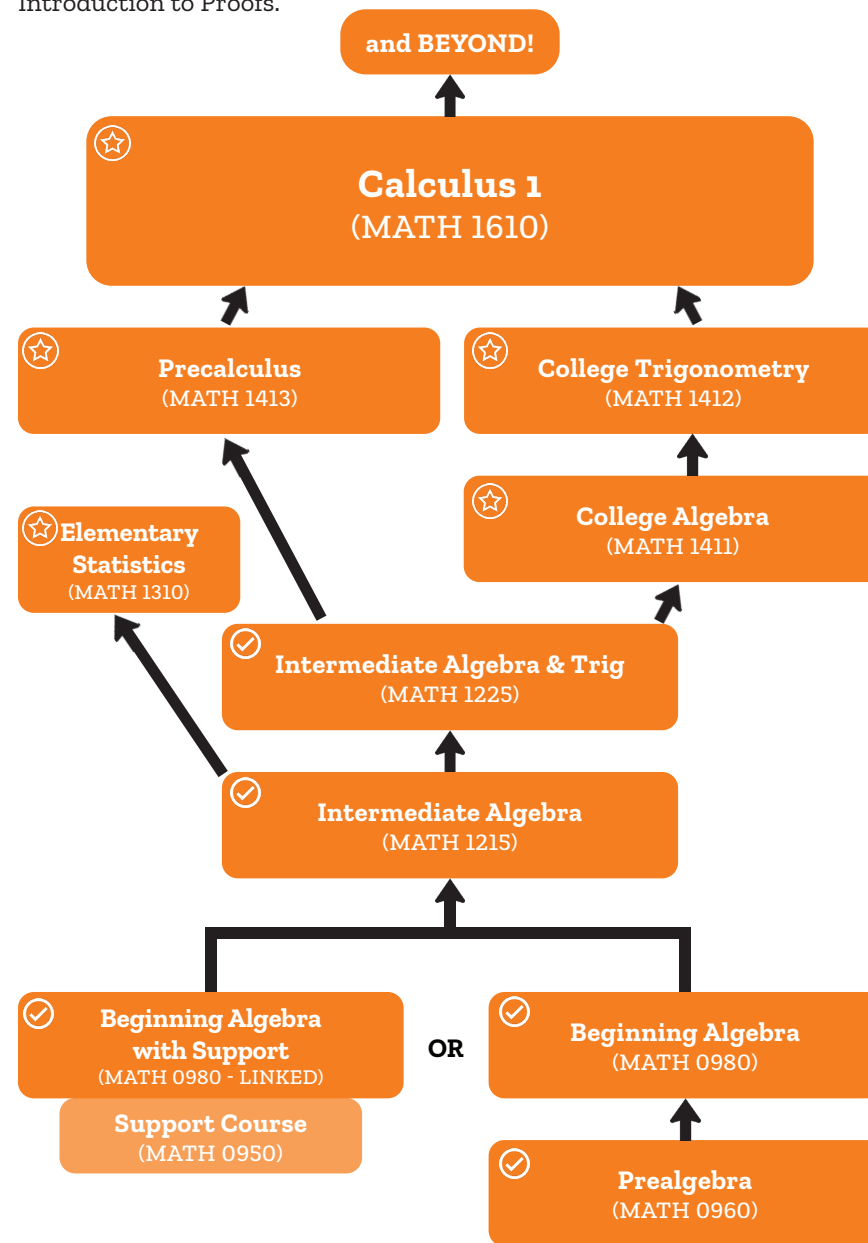
## Career, Fine Arts, and Humanities

Business - career  
Chemical Depending Counseling  
Communications  
Criminal Justice - career  
Fine Arts  
Humanities  
Police Basic Training

QUANTITATIVE REASONING PATHWAY

# ALGEBRA/TRIG/CALCULUS MATH PATHWAY

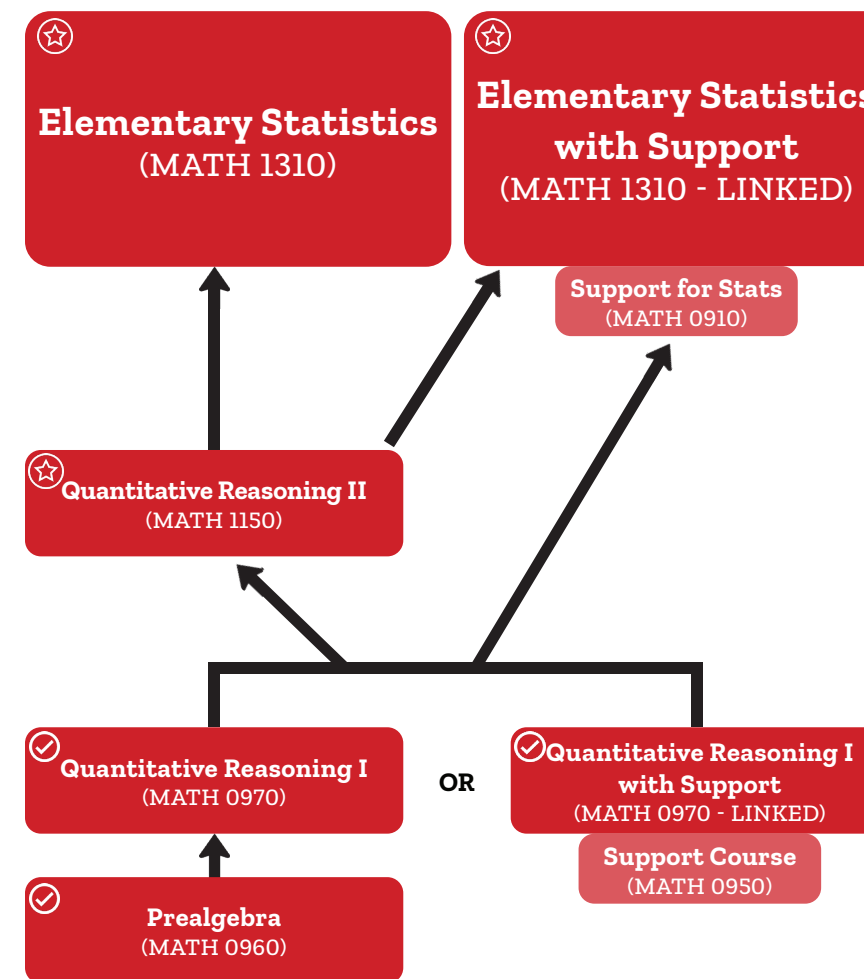
CCC offers mathematics beyond Calculus I including Calculus II, Calculus III, Differential Equations, Linear Algebra, Probability & Statistics I, and Introduction to Proofs.



- The MATH 1215-1225 and MATH 1230-1240 sequences can be substituted for each other as an entire sequence.

# STATISTICS MATH PATHWAY

Criminal Justice AS (transfer) students and Community & Public Health Education students should reference the Algebra/Trig/Calculus pathway to take an algebra-focused path to Elementary Statistics.



- MATH 0960 can be "skipped" if a student enrolls in the support version of MATH 0970 or MATH 0980.
- MATH 1150 or 1215 can be "skipped" if a student enrolls in the support version of MATH 1310.
- The supported courses are also available to those who meet the prerequisite, but want the additional instruction time and support.

# TECHNOLOGY MATH PATHWAY

Students interested in pursuing higher math can then proceed to MATH 1413 or MATH 1411-1412 to prepare for Calculus. If a technology student has taken MATH 1215 in the past, they can take MATH 1225 to finish the sequence or restart in the MATH 1230-1240 sequence.

