# MATH COURSE SEQUENCE*
## FOR TRANSFER DEGREES

**Central Arizona College**

*COURSE SEQUENCES MAY VARY PER STUDENT. PLEASE MEET WITH YOUR ACADEMIC ADVISOR TO PLAN YOUR PERSONAL COURSE SEQUENCE.*

## Associate of Arts

**AA**

Designed for students seeking degrees in:
- Communications
- English
- Social & Behavioral Sciences
- Fine Arts
- Agriculture
- STEM Programs that do not need MAT 221
- Students transferring out of state

### Required Courses

MAT 141 College Math

**or**

MAT 151 College Algebra

### Course Sequence Options*

**Associate of Arts**
MAT 087 Foundation I → MAT 141 College Math

**Students Transferring out of state Or If a program requires a higher math**
MAT 097 Foundation II → MAT 151 College Algebra

MAT 097 Foundation II w/ a grade of B or higher → MAT 151 College Algebra → MAT 187 Pre-Calculus

MAT 121 Intermediate Algebra → MAT 151 College Algebra → MAT 187 Pre-Calculus

## Associate of Arts Elementary Education

**AAEE**

Designed for students seeking degrees in:
- Elementary Education

### Required Courses

MAT 141 College Math

MAT 201 Math Elem. Teacher I

MAT 202 Math Elem. Teacher II

### Course Sequence Options*

**Elementary Education**
MAT 087 Foundation I → MAT 141 College Math → MAT 201 Math Elem. Teacher I → MAT 202 Math Elem. Teacher II

MAT 202 can be taken before MAT 201

## Associate of Business

**ABUS**

Designed for students seeking degrees in:
- Business
- Economics
- Accounting
- Marketing

### Required Courses

MAT 211 Brief Calculus

MAT 215 Math for Bus. Analysis

### Course Sequence Options*

MAT 097 Foundation II → MAT 151 College Algebra → MAT 211 Brief Calculus → MAT 215 Math for Bus. Analysis

MAT 121 Intermediate Algebra → MAT 151 College Algebra → MAT 211 Brief Calculus → MAT 215 Math for Bus. Analysis

## Associate of Science

**AS**

Designed for students seeking degrees in:
- Biology
- Chemistry
- Engineering
- Computer Science
- Mathematics
- STEM Programs

### Required Courses

MAT 221 Geom. & Calc. I

### Course Sequence Options*

MAT 097 Foundation II → MAT 151 College Algebra → MAT 187 Pre-Calculus → MAT 221 Geom. & Calc. I → MAT 231 Geom. & Calc. II → MAT 241 Geom. & Calc. III **or** MAT 242 Elem. Linear Algebra **or** MAT 275 Modern Differential Equations

MAT 121 Intermediate Algebra → MAT 151 College Algebra → MAT 187 Pre-Calculus → MAT 221 Geom. & Calc. I → MAT 231 Geom. & Calc. II

## Associate of Applied Science    AAS

***See advisor for your AAS degree math options***