

Reframing Basic Math

Dev Ed/BEdA Math Integration at Shoreline CC

ABE Math Sequence

- Aligned with first two Dev Ed courses
 - Competency-based assessment
 - P/NC Grading
 - Built out on WAMAP
 - Increase access
 - Build skills for college-level math coursework
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ABE Navigation

- On-ramp to college expectations while building academic skills
 - Scaffolded behavior outcomes
 - Integrated work with instructors
 - ABE students and Dev Ed students share many characteristics
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ABE Math Foundations (Pre Algebra/Arithmetic)

- **MATH 060 Equivalent**
- **ABE 013 - ABE 043: Whole Numbers, Decimals, Fractions, Proportional Relationships**
 - Double-section, co-taught, continuous enrollment
 - Focus on metacognition and pathway development
 - Modularized for individualized group instruction
 - Agreement between departments that students lacking these skills can either move more quickly or need additional time to build these critical algebra skills

Navigation at Foundations Level

- **Navigation in classroom**
- Built-in / Pull-out meetings
- Pathway building and barrier reduction happen just-in-time
- Acculturate students to college expectations
 - Efficacy
 - Communication Expectations
 - Executive Functioning
- Connection to internal and external referrals
- Transition points:
 - I-BEST
 - ABE Transitions Math
 - Soon: Co-Requisite Math Classes

ABE Math Transitions (Intro to Algebra)

- **MATH 070 Equivalent**
- **Direct articulation to Math 098**
- **ABE 053 - 073: Expressions, Equations, Lines**
 - Smaller class size: cap of 23 students
 - More time in class: 8 credits over 5 credits
 - Use of Bridge to College coursework
 - Taught by ABE and Math department faculty
- **Looking ahead: Co-requisite Math at Shoreline**
 - Students will be able to articulate directly from ABE 063 to MATH& 146, MATH& 107

Navigation at Transitions Level

- Building self-advocacy skills
 - of seeking out and using on-campus resources;
 - making and keeping appointments,
 - Utilizing office hours
- Outreach visit, but no pull-outs
- Make plans for appropriate math course sequence for degree pathway in conjunction with instructor
- Transition planning:
 - Financial Aid
 - Pathway Planning
 - Support for First Gen college students in navigating college processes, culture, and communication

Contact Information

Ashley Baird

Career and College Navigator
Shoreline Community College
abaird@shoreline.edu

Shelby Sleight

Tenure-track Faculty, ABE Program Chair
Shoreline Community College
ssleight@shoreline.edu