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
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
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