Prerequisite Commonalities Revisited

FCS Mathematics Sequences, Huddle 5

FCS Math Sequences – Huddle 5 members

Presenters:

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- Dr. Lee Klingler, Professor of Mathematics, Florida Atlantic University
- Bradley Marovich, Assistant Professor of Mathematics, Eastern Florida State College

Additional members:

- Sybil Brown, Associate Professor of Mathematics, Lake-Sumter State College
- Tanya Huffman, Mathematics Instructor, Florida Gulf Coast University

Our challenge:

Revisit math prerequisites for commonalities across FCS institutions.

Gathered information

- Collected FCS institution math prereqs data
- Determined factors contributing to the challenge

Identified Factors Contributing to Challenge:

- Factor 1: A lot of different versions of developmental courses being offered.
- Factor 2: Trying to determine what works to prepare students for college-level math courses.

Identified Factors Contributing to Challenge:

- Factor 3: Terms not consistently used across institutions.

- Factor 4: Difference in prerequisites for Liberal Arts math pathways: MGF 1106, MGF 1107.

Identified Factors Contributing to Challenge:

- Factor 5: Difference in prerequisites for STA 2023.

- Factor 6: MAC 1105 is used as a terminal course for majors that may not need students to have that skill set

Brainstormed and Prioritized Solutions

Recommendations

- **State Policy:** Standardize the expected outcomes of the courses used as prerequisites
- **Institutional Practice:** Refine dev ed offerings or explore corequisite model
- **Institutional Policy:** Use College Algebra to prepare STEM-pathway students and remove it as terminal course requirement.

Additional Recommendation

- **State Policy:** Develop standardized glossary of terms.

Questions?