



# Student Success Initiative

## Developmental Math Reform Status Report, June-July 2015

### Achievements in this period

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The team met twice during this period. The initiation of the project work was on a brief hold as the new Director of Developmental Mathematics, Jenny Ross, was due to start her job at UIC on July 16. This would also allow the inclusion of our recently hired Director of Calculus, Martina Bode. The two non-credit bearing courses, Math 075 and Math 090, were determined to have much overlapping material. The department also does not have a College Algebra course, which is a credit bearing course at institutions that offer this course. We are considering a reorganization of the current 075 and 090 courses, as well as a creation of a College Algebra course. Once reorganized, we would have one non-credit bearing Intermediate Algebra course, and one credit bearing College Algebra course. We are also discussing the possibility of modularizing the Intermediate Algebra course. In addition, we plan to have a pilot section of the College Algebra course set up with a co-requisite support course, allowing students that test into Intermediate Algebra a chance to move into College Algebra earlier with proper support.

### Key Decisions

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Change from the use of two non-credit bearing courses, to one non-credit bearing and one credit bearing. We also feel this may help bridge our Algebra students' transition to Pre-Calculus, and help improve success in that course as well.

The pilot of a co-requisite support course

### Goals for next period:

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Determine exactly what topics will be in the two courses, while complying with state standards, and aligning with other Illinois University's Algebra content.

Determine whether to modularize the Intermediate Algebra course. Modularizing the course helps to minimize time spent in non-credit bearing courses, by allowing students to take only the modules they need, and thereby increasing student success. It also can help to create a faster pathway into tracks other than the Algebra/Calculus track, such as Statistics or Mathematical Reasoning.

Determine the best delivery and curriculum for these courses by looking at statistics from other Universities with similar programs/changes.

### Open Issues:

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Method of instruction  
Modularizing the Intermediate Algebra course  
Structure of the co-requisite course

### Progress Indicator:

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**Team Lead:** Jenny Ross

**Team Members:** Martina Bode, Dave Marker, Brooke Shipley