CALL for Pilot to Co-Requisite
Mississippi State University

- 4 year public research institution
- Located in north-central Mississippi
- Fall 2019 Undergraduate Enrollment: 18,792
  - First-time Freshmen: 3,488
  - Mean ACT 26.1
  - 25% MACT<21
Target Audience

- First Semester Freshmen
- MACT 17 or 18
- Composite ACT at least 20
Where we began

• Prior to Fall 2015
  – MA0103 – Intermediate Algebra spring semester of freshman year for MACT 17 & 18

• Fall 2015 – Fall 2019
  – Pilot CALL for selected students
Pilot Changes

• Composite ACT
• Allowed admission by request
• Consistency with tutors

Fall 2019

• Students can register
• Separate course
• Will take the College Algebra final exam
How is it different from College Algebra

• College Algebra students are required lab time of 75 minutes (or less) on their own, not structured

• Co-Req students will have structured lab time with designated tutors
What are we doing

• Two hours lecture
  – Same course as College Algebra
  – Large lecture section

• Two scheduled lab hours
  – Smaller groups with tutors
  – Dedicated lab space

• Math 4 days each week
End of Semester Survey
5 semesters N=173

- **88%** worked on homework with a friend, tutor, alone
- **91.3%** believed that they benefitted from taking this course with extra lab time
- **56%** honestly stated they would not have spend the extra time on their own
Student thoughts ...

“This class was literally so helpful and amazing. I recommend this to anyone that is so close to a 19 on the math ACT. If I had not been in this class, I would have struggled because the extra time and the one on one time was so helpful. At first, I was scared because I am not the best a math, but it turned out to be a blessing and I am so thankful for the program. I feel more confident about math”
Student thoughts…

“I believe keeping this college algebra section is a great idea. My first test, I made a 55% only because I was not sure on how to study and it was all new content for me. After that, I made a 95% & 100% on the second and third test. It’s not that people who scored below 19 don’t know what they’re doing, it’s that they haven’t been taught correctly.”

Pearson
Course Results over 5 years

- **Traditional F15 - F19**: (5958)
- **CALL F15- F19**: (234)
Success Rates over 5 years

80.00%
78.00%
76.00%
74.00%
72.00%
70.00%

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74.00%
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A-C/A-W

74.84%  73.08%

Traditional F15 - F19
CALL F15 - F19

Pearson
Completion of 2 required math classes by CALL students

- **End of Freshman Year**
- **End of 1st semester**
- **Sophomore Year**

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<tr>
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<th>Fall 2015 (58)</th>
<th>Fall 2016 (56)</th>
<th>Fall 2017 (41)</th>
<th>Fall 2018 (44)</th>
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<tbody>
<tr>
<td>End of Freshman Year</td>
<td>0.00%</td>
<td>20.00%</td>
<td>30.00%</td>
<td>40.00%</td>
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<tr>
<td>End of 1st semester</td>
<td>10.00%</td>
<td>70.00%</td>
<td>60.00%</td>
<td>80.00%</td>
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What are you doing?

Thoughts, questions, comments, & suggestions!
Contact Information

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