

A Statewide Corequisite Model

NC RISEs for Student Success



RISE – What is it?

- RISE – Reinforced Instruction for Student Excellence
 - Placement primarily based on unweighted high school GPA
 - Limited use of placement testing
 - Transition courses replace more traditional developmental courses
 - Corequisite courses for all gateway math and English



The Process of Change in NC

- Data on current placement and remediation was reviewed
- Research conducted on what was happening across the country
- Results presented across NC to faculty and staff in order to build awareness of the issue
- Faculty and staff recruited from the 58 colleges to give input on RISE parameters



The Process of Change

- Information meetings and professional development provided across the state for all colleges
- Pilot colleges had specific PD as they came on board
- Weekly emails with detailed updates to over 1,700 faculty and staff (now monthly)
- Google drive provided to house curriculum, policy, and other materials available to faculty and staff at all colleges
- NC Student Success Center tasked with implementation and support for the project

Placement on GPA

- All students within 10 years of graduation will be placed on unweighted GPA or other existing criteria (ACT, SAT, etc.)
- Placement test not an option for these students

Unweighted GPA	Gateway Placement
2.8 +	Any gateway math or English without coreq
2.2 – 2.799	Any gateway math or English with coreq
< 2.2	Transition math and English



Placement Test

- Created by faculty teams using same product as Transition Courses
- Given to students who have been out of high school more than 10 years or have no legitimate GPA (GED, adult HS, etc.)
- Sections of placement test mirror tiers of Transition Courses



Transition Courses English

- Curriculum and online product mandated across the state
 - Developed by faculty representative from the 58 colleges
- Two tiers in the course allow multiple exit points
- Can be taught as curriculum course or in continuing education
- Target assessment scores and writing assignments align across the state

Transition English Course and Placement Test

Tier Mastery	Course with Coreq	Course without Coreq
Tier 1	ENG 111	ENG 110
Tier 2		ENG 111

ENG 110 – Freshman Composition
ENG 111 – Writing and Inquiry

Transition Math Course and Placement Test

Tier Mastery	Course with Coreq	Course without Coreq
Tier 1	MAT 143, MAT 152	MAT 110
Tier 2	MAT 121, MAT 171	MAT 143, MAT 152
Tier 3		MAT 121, MAT 171

MAT 110 – Math Measurement and Literacy

MAT 121 – Algebra/Trigonometry I

MAT 143 – Quantitative Literacy

MAT 152 – Statistical Methods

MAT 171 – PreCalculus Algebra



Corequisite Courses

- Each gateway course was evaluated for corequisite course requirements by faculty teams
 - Learning outcomes were written to support the gateway course learning outcomes
 - Growth mindset was included as a learning outcome for all corequisite courses
- Statewide Common Course Library updated to require corequisites at the state level

Corequisite Courses

Gateway Course	Credit Hours	Contact Hours	Corequisite Course*	Credit Hours	Contact Hours
ENG 111	3	3	ENG 011	2	3
MAT 110	3	4	MAT 010	1	2
MAT 121	3	4	MAT 021	2	3
MAT 143	3	4	MAT 043	2	3
MAT 152	4	5	MAT 052	2	3
MAT 171	4	5	MAT 071	2	4

* Named as gateway title support, for instance MAT 043 is Quantitative Literacy Support

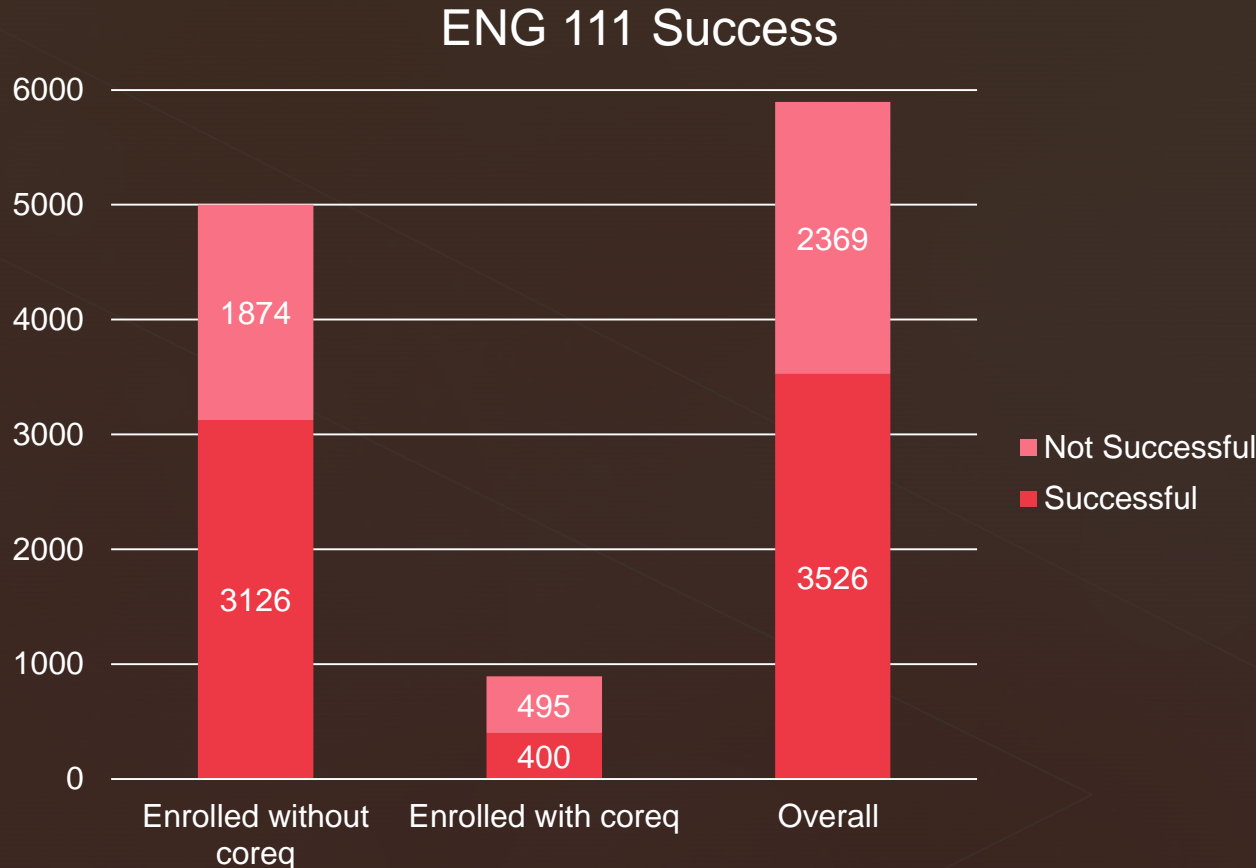


Pilots to Statewide Implementation

- Pilot colleges stepped up beginning in Spring 2019
- Fall 2019 added more pilots to total 30 across the state
- All 58 colleges are required to implement by Fall 2020

Is it Working?

- Statewide data from Spring 2019 indicates moderate success

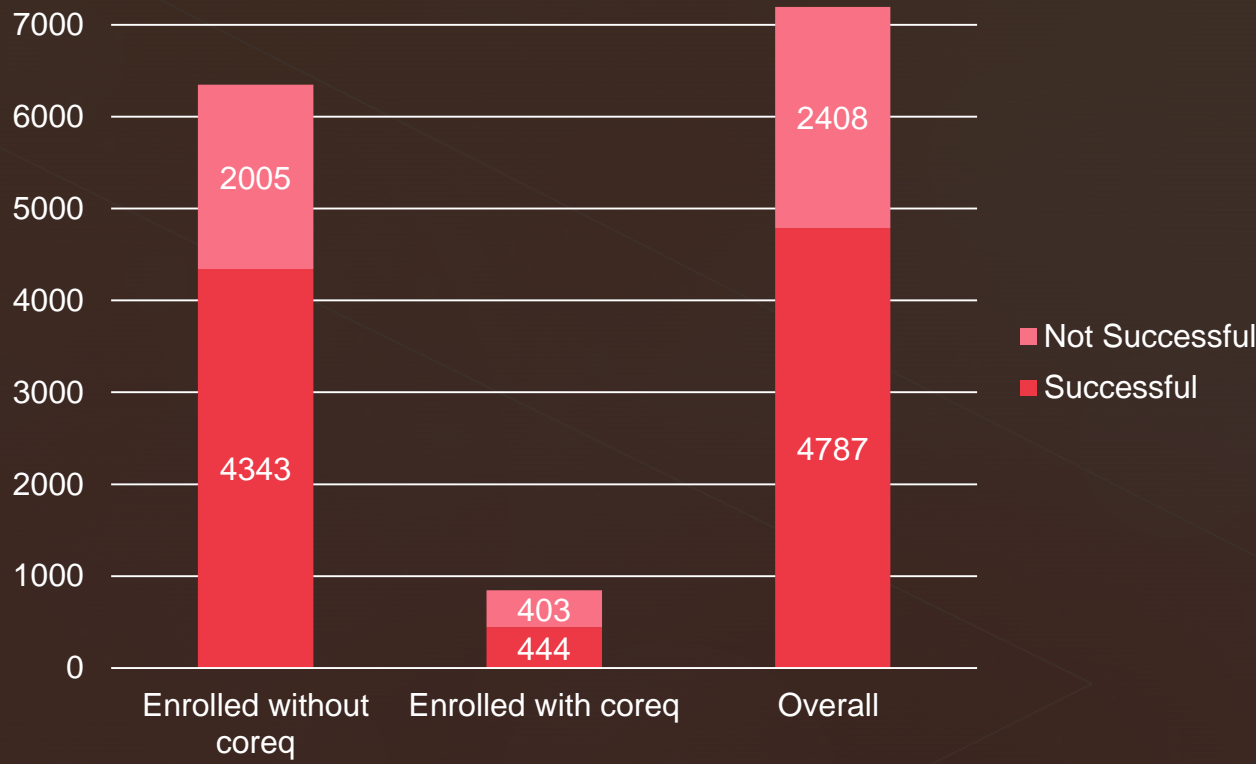


Passing rate
without coreq – 63%
with coreq – 45%
overall – 60%

Is it Working?

- Statewide data from Spring 2019 indicates moderate success

MAT Overall Success



Passing rate
without coreq – 68%
with coreq – 52%
overall – 67%

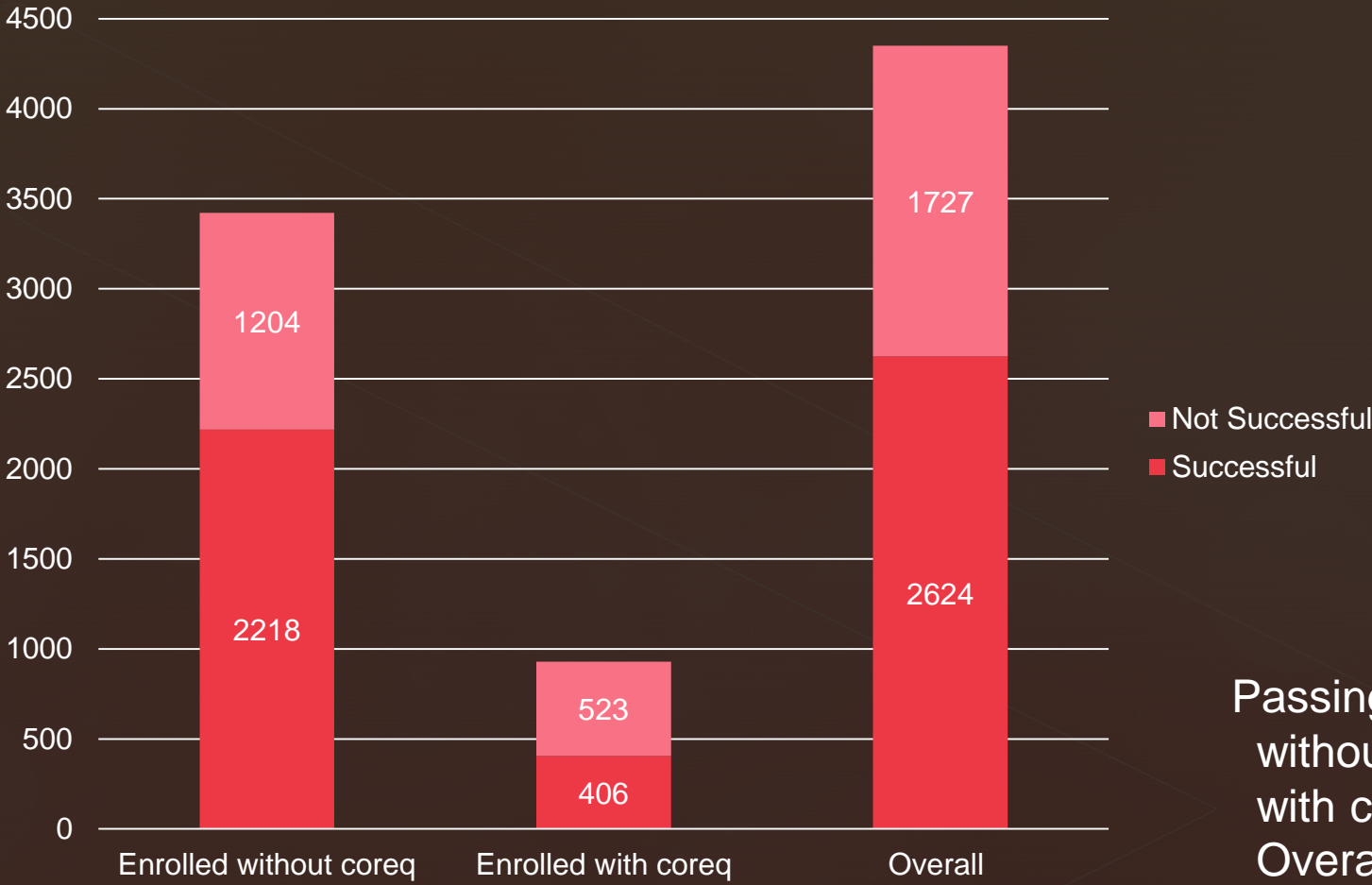


Is it Working?

- Wake Tech (largest college in NC) implemented RISE in Fall 2019
- Initial data is similar to Spring 2019 statewide results
- The number of students taking coreq courses was similar to all Spring 2019 pilots combined

Is it Working?

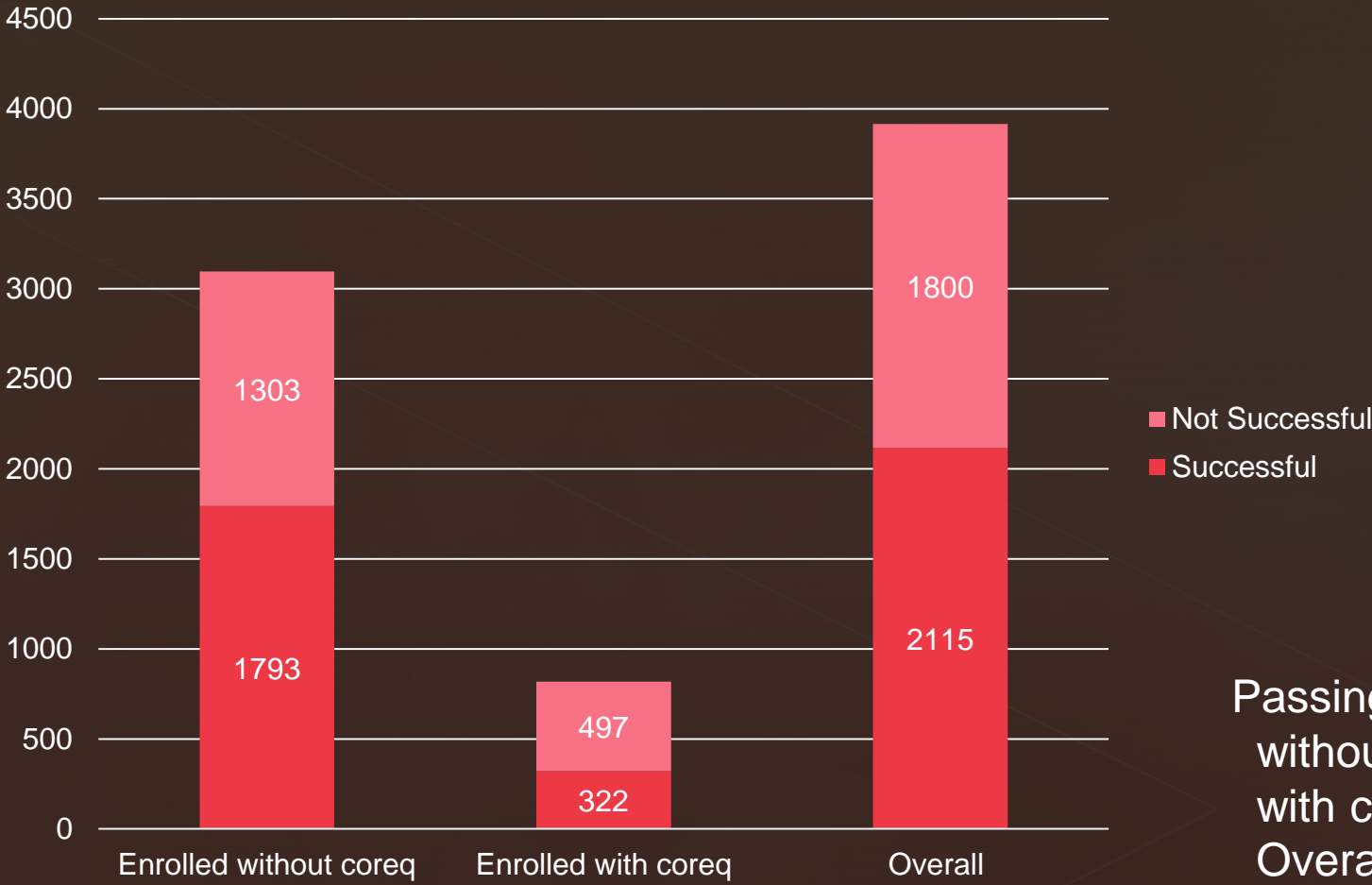
Wake Tech ENG 111 Success



Passing rate
without coreq – 64%
with coreq – 44%
Overall – 60%

Is it Working?

Wake Tech Overall Math Success



Passing rate
without coreq – 58%
with coreq – 40%
Overall – 54%



Equity Implications

- At Wake Tech we were able to look at race and Pell eligibility
- Allowing students to be placed by GPA and take coreq increases the number of underrepresented students in gateway math and English
- Black and Pell Eligible students make up a significantly higher percentage of coreq students compared to non-coreq
- Hispanic percentages are not impacted
- The percentage of white students is lower in coreq as a result

Equity Implications

	Attempted ENG 111	% of Total Attempted ENG 111	Attempted ENG 111 with Coreq	% of Total Attempted ENG 111 with Coreq
All ENG 111 Students	3,422	100%	929	100%
Black Students	615	18%	317	34%
Hispanic Students	562	16%	149	16%
White Students	1,772	52%	337	36%
Pell Eligible Students	1,158	34%	474	51%

Equity Implications

	Attempted Gateway Math	% of Total Attempted Gateway Math	Attempted Gateway Math with Coreq	% of Total Attempted Gateway Math with Coreq
All Gateway Math Students	3,096	100%	819	100%
Black Students	488	16%	225	27%
Hispanic Students	476	15%	137	17%
White Students	1,710	55%	373	46%
Pell Eligible Students	1,032	33%	363	44%



Moving Forward

- Review data to determine
 - Are GPA ranges optimal?
 - Does the RISE Placement Test work for students?
 - What changes are needed in transition course curriculums?
 - Do the corequisite courses need adjustment?
- Professional development
 - Growth mindset for faculty and students
 - Best practices in transition and corequisite courses to maximize success



The Work Never Ends

- Previous reforms didn't receive follow up that would have helped their success
 - Professional development
 - Regular review of data and success
 - Optimized sharing of best practices
- NC System Office is committed to doing better through the NC Student Success Center



Contact Information

- Susan Barbitta, Executive Director, NC Student Success Center
 - barbittas@nccommunitycolleges.edu
- Laura Kalbaugh, Director, NC Student Success Center
 - lmkalbaugh@waketech.edu