

# **Remediation in the North Carolina Community College System**

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**September 27, 2016**  
**Presentation to House Select Committee on Education Strategy and Practices**

# Determination of College Readiness at all 58 NC Community Colleges

- **Multiple Measures for Placement**
  - Hierarchy of measures that colleges use to determine student readiness for college-level courses
    - Unweighted high school GPA of 2.6 and successful completion of eligible 4<sup>th</sup> math
    - ACT or SAT scores
    - Diagnostic Placement and Assessment Test

# Multiple Measures for Placement

The **Multiple Measures for Placement Policy** establishes a hierarchy of measures that colleges will use to determine students' readiness for college-level courses:

- (1) A recent high school graduate who meets the specified GPA and 4<sup>th</sup> math benchmark will be exempt from diagnostic placement testing and will be considered "college-ready" for gateway math and English courses.



- (2) If a recent high school graduate does not meet the GPA and 4<sup>th</sup> math benchmark, the college will use specified ACT or SAT subject area test scores to determine placement.



- (3) If a recent high school graduate does not meet the GPA and 4<sup>th</sup> math threshold or have college-ready ACT or SAT scores, the college will administer the diagnostic placement test to determine placement.



- (4) If an applicant does not have a recent high school transcript or ACT or SAT scores, the college will administer the diagnostic placement test to determine placement.

**Unweighted high school GPA of 2.6 and  
successful completion of eligible 4<sup>th</sup> math**

**Community College Research Center  
Study**

college GPAs are approximately 0.6  
units below their high school GPAs

# Eligible 4<sup>th</sup> Math

*Must be enrolled in an  
approved 4th math course  
or have completed an  
approved 4th math course  
to be eligible for  
Multiple Measures for Placement*

## High School 4<sup>th</sup> Math Courses:

### For current and prior years:

- Advanced Functions and Modeling
- AP Calculus
- AP Statistics
- Discrete Mathematics
- Essentials for College Math (SREB – Math Ready)
- Integrated Mathematics IV
- International Baccalaureate Mathematics
- International Baccalaureate Computer Science
- Mindset
- Pre-Calculus

### For years including and prior to 2014-2015:

- Probability & Statistics

### For years including and prior to 2013-2014:

- Analytical Geometry
- Calculus
- Trigonometry

## Community College 4<sup>th</sup> Math Courses (Taken in Career & College Promise Pathways):

- MAT 143 (Quantitative Literacy)
- MAT 151 (Statistics I)
- MAT 152 (Statistical Methods I)
- MAT 155 (Statistical Analysis)
- MAT 161 (College Algebra)
- MAT 162 (College Trigonometry)
- MAT 165 (Finite Mathematics)
- MAT 167 (Discrete Mathematics)
- MAT 171 (Pre-Calculus Algebra)
- MAT 172 (Pre-Calculus Trigonometry)
- MAT 175 (Pre-Calculus)
- MAT 200 or above

# Subject-Area ACT or SAT Scores

**English:** ACT Reading 22 OR ACT English 18

SAT Writing 500 OR SAT Critical Reading 500 (If taken prior to March 2016)

SAT Evidence Based Reading 480 (Beginning March 2016)

**Math:** ACT Math 22

SAT Math 500 (If taken prior to March 2016)

SAT Math 530 (Beginning March 2016)

(Based on National and State Validation Studies)

# **NC Diagnostic Assessment and Placement Test**

- **Reading and English Score**
  - Composite of reading and writing
- **Math Score**
  - Score for each developmental math module
- **Identifies which course or courses best fit a student's academic skill level**
- **Measures skill levels in reading, English grammar, arithmetic, and elementary algebra**
- **No cost to the student**

# Remediation Strategies

- **Prior to Developmental Coursework**
  - Test Reviews/Study Guides
  - Summer Bridge or Transition Programs
  - Career-and College-Ready Graduate Models
- **Developmental Coursework**
  - Modularized mathematics
  - Integrated reading and English courses
  - May include supplemental lab as co-requisite
  - May be offered online as well as face-to-face
  - Tutoring and academic coaching



# Developmental Coursework

- Developmental Math
  - 8 four-week modules

<u>Course Name</u>	<u>Course Title</u>
<a href="#"><u>DMA-010</u></a>	Operations With Integers
<a href="#"><u>DMA-020</u></a>	Fractions and Decimals
<a href="#"><u>DMA-030</u></a>	Propor/Ratio/Rate/Percent
<a href="#"><u>DMA-040</u></a>	Express/Lin Equat/Inequal
<a href="#"><u>DMA-050</u></a>	Graphs/Equations of Lines
<a href="#"><u>DMA-060</u></a>	Polynomial/Quadratic Appl
<a href="#"><u>DMA-060</u></a>	Polynomial/Quadratic Appl
<a href="#"><u>DMA-065</u></a>	Algebra for Precalculus
<a href="#"><u>DMA-070</u></a>	Rational Express/Equation
<a href="#"><u>DMA-070</u></a>	Rational Express/Equation
<a href="#"><u>DMA-080</u></a>	Radical Express/Equations
<a href="#"><u>DMA-080</u></a>	Radical Express/Equations

- Modules prepare for specific credit courses

# Developmental Coursework

- **Developmental Reading and English**
  - 3 eight-week integrated Reading and English courses as pre-requisites
    - (DRE 096, 097, 098)
  - One integrated Reading and English course can be offered as co-requisite with credit English
    - Based on student readiness
    - (DRE 099)

# **Additional Academic Supports-based on local resources**

- **Based on level of academic readiness and experience**
  - **Co-requisite labs**
  - **Peer tutoring**
  - **Math labs / Reading and Writing Centers**
    - **Professional tutoring**
  - **Success Coaches**

**Thank you!**