Transforming Corequisite Remediation in the USG

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Board of Regents of the University System of Georgia

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• Approximately 1 in 5 USG students begin their studies in remedial classes
  – 2 in 5 at access colleges
• Less than 1 in 6 of these students graduate in six years
• In 2012, Governor Deal launched Complete College Georgia
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- Formation of Taskforces for English/Reading and Math
- Set of recommendations developed by Taskforces
- Formation of Implementation Committees for English/Reading and Math

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Transformation Timeline:

Taskforces - July 2013
Implementation Committees - Sept. 2013
Pilot Institutions Implementation - Fall 2014
System-Wide Implementation - Fall 2015

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Pilot institutions in transforming remediation in English/Reading and Math in Fall 2014:

- Albany State University
- Bainbridge State College
- College of Coastal Georgia
- Georgia Highlands College
- Gordon State College

System-wide implementation in Fall 2015
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• USG corequisite remediation aims
• Gateway (collegiate) courses and titles:
  – ENGL 1101 - English Composition
  – MATH 1001 – Quantitative Reasoning
  – MATH 1101 – Mathematical Modelling
  – MATH 1111 – College Algebra
• Corequisite course numbers and titles:
  ➢ ENGL 0999 – Support for English Composition
  ➢ MATH 0997 – Support for Quantitative Reasoning
  ➢ MATH 0998 – Support for Mathematical Modeling
  ➢ MATH 0999 – Support for College Algebra
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• Students exit remediation upon successful completion of gateway (college) course
• No limit on attempts in corequisite course
• Some less prepared students still required to begin in stand-alone (“Foundations”) remediation
  – Content geared for mastery in gateway course
  – Three separate Math Foundations courses
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• Foundations course numbers and titles:
  ➢ ENGL 0989 – Foundations for English Composition
  ➢ MATH 0987 – Foundations for Quantitative Reasoning
  ➢ MATH 0988 – Foundations for Mathematical Modeling
  ➢ MATH 0989 – Foundations for College Algebra

• Students have up to two attempts to complete Foundations course or be subject to exclusion for one year
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- Placement

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For institutions that require SAT/ACT for admission:

<table>
<thead>
<tr>
<th>Student applies with:</th>
<th>EPI</th>
<th>MPI</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT and HSGPA</td>
<td>EPI&lt;sub&gt;sh&lt;/sub&gt; = (1603 * HSGPA ) + SATV</td>
<td>MPI&lt;sub&gt;sh&lt;/sub&gt; = (291 * HSGPA )+ SATM</td>
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<tr>
<td>with Compass/Accuplacer added **</td>
<td>EPI&lt;sub&gt;shc&lt;/sub&gt; = EPI&lt;sub&gt;sh&lt;/sub&gt; + (.08 * (EPI&lt;sub&gt;c&lt;/sub&gt; - EPI&lt;sub&gt;sh&lt;/sub&gt;))</td>
<td>MPI&lt;sub&gt;shc&lt;/sub&gt; = MPI&lt;sub&gt;sh&lt;/sub&gt; + (.25 * (MPI&lt;sub&gt;c&lt;/sub&gt; - MPI&lt;sub&gt;sh&lt;/sub&gt;))</td>
</tr>
<tr>
<td>SAT only (must take Compass/Accuplacer)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>with Compass/Accuplacer added</td>
<td>EPI&lt;sub&gt;sc&lt;/sub&gt; = (4.6 * SATV) + (27.5 * (COMPASSR + eWrite))</td>
<td>MPI&lt;sub&gt;sc&lt;/sub&gt; = (1.7 * SATM) + (13.3 * COMPASSM)</td>
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<tr>
<td>ACT and HSGPA</td>
<td>EPI&lt;sub&gt;ah&lt;/sub&gt; = (1553 * HSGPA) + (34 * ACTE)</td>
<td>MPI&lt;sub&gt;ah&lt;/sub&gt; = (298 * HSGPA) + (25 * ACTM)</td>
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<td>with Compass/Accuplacer added**</td>
<td>EPI&lt;sub&gt;ahc&lt;/sub&gt; = EPI&lt;sub&gt;ah&lt;/sub&gt; + (.08 * (EPI&lt;sub&gt;c&lt;/sub&gt; - EPI&lt;sub&gt;ah&lt;/sub&gt;))</td>
<td>MPI&lt;sub&gt;ahc&lt;/sub&gt; = MPI&lt;sub&gt;ah&lt;/sub&gt; + (.25 * (MPI&lt;sub&gt;c&lt;/sub&gt; - MPI&lt;sub&gt;ah&lt;/sub&gt;))</td>
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<tr>
<td>ACT only (must take COMPASS)</td>
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<tr>
<td>with Compass/Accuplacer added</td>
<td>EPI&lt;sub&gt;ac&lt;/sub&gt; = (122 * ACTE) + (26.3 * (COMPASSR + eWrite))</td>
<td>MPI&lt;sub&gt;ac&lt;/sub&gt; = (57 * ACTM) + (5.4 * COMPASSM)</td>
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<tr>
<td>**Calculating EPI or MPI based on Compass/Accuplacer-only for use in formulas marked with **</td>
<td>EPI&lt;sub&gt;c&lt;/sub&gt; = 51.6 * (COMPASSR + eWrite)</td>
<td>MPI&lt;sub&gt;c&lt;/sub&gt; = (10 * COMPASSM) + 795</td>
</tr>
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- For institutions that require do not require SAT/ACT for admission:

<table>
<thead>
<tr>
<th></th>
<th>EPI</th>
<th>MPI</th>
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<tbody>
<tr>
<td>HSGPA with</td>
<td>EPI\textsubscript{hc} = (794 * HSGPA ) + (23.6 * (COMPASSR + eWrite))</td>
<td>MPI\textsubscript{hc} = (323 * HSGPA ) + (6 * COMPASSM)</td>
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<td>MPI\textsubscript{c} = (10 * COMPASSM) + 795</td>
</tr>
<tr>
<td>Must take</td>
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<td>Compass/Accuplacer</td>
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Gateway Course Completion
Pre-requisite vs Corequisite Model

- **MATH ONLY**
  - Fall 2011, Pre-req Remed within 2 years: 26%
  - Fall 2015, Corequisite in 1 term: 69%

- **ENGLISH ONLY**
  - Fall 2011, Pre-req Remed within 2 years: 36%
  - Fall 2015, Corequisite in 1 term: 73%

- **BOTH**
  - Fall 2011, Pre-req Remed within 2 years: 16%
  - Fall 2015, Corequisite in 1 term: 63%

- **ALL (TOTAL REMEDIAL)**
  - Fall 2011, Pre-req Remed within 2 years: 24%
  - Fall 2015, Corequisite in 1 term: 70%
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Foundations Course Completion in 1 Term, Fall 2015

- **MATH ONLY**: 63%
- **ENGLISH ONLY**: 75%
- **BOTH**: 52%
- **ALL (TOTAL REMEDIAL)**: 64%

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2015 Completed All Gateway by Race/Ethnicity and Pell (Corequisite only)

- ALL: 70%
- HISPANIC: 75%
- BLACK: 68%
- WHITE: 71%
- ASIAN: 80%
- PELL: 63%
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2015 Completed All Foundations by Race/Ethnicity and Pell

- **ALL STUDENTS**: 64%
- **HISPANIC**: 72%
- **BLACK**: 60%
- **WHITE**: 67%
- **ASIAN**: 74%
- **PELL RECIPIENTS**: 62%

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• Where do we go from here?
  Using system data to ensure full implementation
  Future Research
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• Questions?
  – Contact: Tan.Tran@usg.edu