Pathway through Admission and College-level Courses

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Overview

- College Admission and Assessment Process
  - COMPASS cut-off scores
- Curriculum Standards/Ohio Board of Regents
  - Curriculum Development Process
- English Benchmarks (college-level)
- Mathematics Benchmarks (college-level)
Admission and Assessment

- Open Access (HS Diploma or GED, 18 years of age)
- Application, Official Transcript/documentation
- Apply for Financial Aid (FAFSA)
- Admission granted, Student # provided
  - Mandatory test-prep workshop (in-person, online)
  - Take English and mathematics assessment (COMPASS)
  - Attend New Student Orientation (in-person, online)
    - Register for first semester
Test-Prep, COMPASS assessment

- **Test-Prep**: 2 hour workshop, prefer in-person
  - Purpose and importance of test, refresher, sample questions

- **COMPASS**: Untimed, computer based, reactive
  - English (reading and writing)
  - Mathematics (algebra, pre-algebra)
  - Computer calculator is available
## Developmental Education vs. College-Level

<table>
<thead>
<tr>
<th>English</th>
<th>Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>0960 Reading</td>
<td>0910 Basic Arithmetic/Pre-Algebra</td>
</tr>
<tr>
<td>0980 Language Fund. I</td>
<td>0950 Beginning Algebra I</td>
</tr>
<tr>
<td>0990 Language Fund. II</td>
<td>0960 Beginning Algebra II</td>
</tr>
<tr>
<td>1010 College Comp</td>
<td>1250 Contemporary Mathematics</td>
</tr>
<tr>
<td></td>
<td>1270 Intermediate Algebra</td>
</tr>
<tr>
<td>1020 College Comp</td>
<td>1141 Applied Algebra</td>
</tr>
</tbody>
</table>
College-level English
College Composition Courses

English 1010: College Composition I

English 1020: College Composition II
ENG 1010: College Composition I
Course Objectives/Outcomes

The following content is from the English 1010 (College Composition I) official course outline:

“Read, interpret, and analyze, both verbally and in writing, various kinds of texts that may include but are not limited to nonfiction essays, articles, reports, literature, advertisements, photographs, other forms of visual art, and videos.....Write compositions using appropriate rhetorical strategies that may include but are not limited to summary, analysis, report, reflection, narration, proposal, persuasion, and argumentation, with opportunities for response and revision” (“Official Course Outline”).

Source: Cuyahoga Community College. Official Course Outline.
ENG 1010: College Composition I
Course Outcomes/Objectives (continued)

“Apply proofreading, editing, and revising techniques to all writing assignments and written communication” (Official Course Outlines).

Source: Cuyahoga Community College. Official Course Outline.
ENG 1020: College Composition II
Course Outcomes/Objectives

The following information is from the official course outline for English 1020 (College Composition II):

“Read, interpret, and analyze, both verbally and in writing, various kinds of texts that may include but are not limited to nonfiction essays, articles, reports, literature, advertisements, photographs, other forms of visual art, and videos. Write compositions utilizing research and appropriate rhetorical strategies that may include but are not limited to summary, analysis, report, reflection, narration, proposal, persuasion, argumentation at a higher level of proficiency--building on the foundations of the first composition course--with opportunities for response and revision” (“Official Course Outline”).

Source: Cuyahoga Community College. Official Course Outline.
English Developmental Education
## Student Profiles—English Bridge

<table>
<thead>
<tr>
<th>Fall 2011</th>
<th>#</th>
<th>%</th>
<th>Fall 2012</th>
<th>#</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Took Placement Test</td>
<td>4,260</td>
<td>100%</td>
<td>Took Placement Test</td>
<td>3,692</td>
<td>100%</td>
</tr>
<tr>
<td>Placed into English 0960</td>
<td>103</td>
<td>2%</td>
<td>Placed into English 0960</td>
<td>82</td>
<td>2%</td>
</tr>
<tr>
<td>Placed into English 0980</td>
<td>859</td>
<td>20%</td>
<td>Placed into English 0980</td>
<td>596</td>
<td>16%</td>
</tr>
<tr>
<td>Placed into English 0990</td>
<td>1,805</td>
<td>42%</td>
<td>Placed into English 0990</td>
<td>1,079</td>
<td>29%</td>
</tr>
<tr>
<td>Placed into College English</td>
<td>1,493</td>
<td>35%</td>
<td>Placed into College English</td>
<td>1,598</td>
<td>43%</td>
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<tr>
<td>Placed into Dev Ed</td>
<td>2,767</td>
<td>65%</td>
<td>Placed into Dev Ed</td>
<td>1,757</td>
<td>48%</td>
</tr>
<tr>
<td>Didn't Place into Dev Ed</td>
<td>1,493</td>
<td>35%</td>
<td>Didn't Place into Dev Ed</td>
<td>1,935</td>
<td>52%</td>
</tr>
</tbody>
</table>

“Just because we’re behind doesn’t mean we’re going to fail”
Student Profiles–Dev Ed English

% of Students Who Pass English 0980 by # of Attempts

First Attempt - Fall 2006

N=609

1st Attempt: 51%
2nd Attempt: 7%
3rd Attempt: 1%
4th Attempt: 0.3%
5th Attempt: 40%
Never Passed: 0%
Developmental Education:
- English 0960: Reading Improvement
- English 0980: Language Fundamentals I
- English 0990: Language Fundamentals II

English Initiatives:
- English 0900: Transition to College English
- English 1010/English 1000
  - ALP Model
ENG 0990: Language Fundamentals II
Course Outcomes/Objectives

The following content is from the official course outline for English 0990 (Language Fundamentals II):

“A. Utilize productive study habits and effective test taking strategies to succeed in college courses.....B. Analyze college-level texts, essays, and other materials....C. Write essays and assignments utilizing rhetorical strategies and apt support” (“Official Course Outline”).

Source: Cuyahoga Community College. Official Course Outline.
Sources/Works Cited

Cuyahoga Community College. *Official Course Outlines.*

(Data PowerPoint Slide: Student-Profiles English Bridge and Student Profiles-Dev Ed English)

Mathematics
Developmental Education

Presented by Serita McGunia
Assistant Professor, Mathematics
<table>
<thead>
<tr>
<th></th>
<th>Fall 2011</th>
<th></th>
<th>Fall 2012</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Took Placement Test</td>
<td>4,356</td>
<td>100%</td>
<td>3,765</td>
<td>100%</td>
</tr>
<tr>
<td>Placed into Math 0910</td>
<td>2,285</td>
<td>52%</td>
<td>1,534</td>
<td>41%</td>
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<tr>
<td>Placed into Math 0950</td>
<td>1,456</td>
<td>33%</td>
<td>902</td>
<td>24%</td>
</tr>
<tr>
<td>Placed into Math 0980</td>
<td>288</td>
<td>7%</td>
<td>316</td>
<td>8%</td>
</tr>
<tr>
<td>Placed into Math Bridges</td>
<td></td>
<td></td>
<td>630</td>
<td>17%</td>
</tr>
<tr>
<td>Placed into College Math</td>
<td>327</td>
<td>8%</td>
<td>383</td>
<td>10%</td>
</tr>
<tr>
<td>Placed into Dev Ed</td>
<td>4,029</td>
<td>92%</td>
<td>3,382</td>
<td>90%</td>
</tr>
<tr>
<td>Didn't Place into Dev Ed</td>
<td>327</td>
<td>8%</td>
<td>383</td>
<td>10%</td>
</tr>
</tbody>
</table>

“Most Likely to Succeed… Profiles of Successful Students at Cuyahoga Community College” Hanley, Miller, Spielvogel
Student Profiles – Graduates

Cumulative % who Graduate by Math Placement and # of Terms Enrolled

MATH 0910  MATH 0950  MATH 0980  College MATH

“Most Likely to Succeed... Profiles of Successful Students at Cuyahoga Community College” Hanley, Miller, Spielvogel
Math 0910
Basic Arithmetic/Pre-Algebra

Course Description

- Review of basic arithmetic and introduction to algebraic concepts.

- Basic review of whole numbers and decimals, addition, subtraction, multiplication and division of fractions, order of operations, ratio and proportion, percents, the United States and metric systems of measurement and estimation.

- Introduction to integers and simple linear equations and some definitions in geometry.

- Includes applications and activities to build skills in estimation, problem solving, and study techniques.
Math 0950
Beginning Algebra I

Course Description

- First of two-semester sequence.

- Includes order of operations, properties of real numbers, basic algebraic operations linear equations, rectangular coordinate system, graphs of linear equations and linear systems.

- Includes applications and activities to build skills in problem solving.
Math 0960
Beginning Algebra II
Course Description

- Second of two semester sequence.

- Includes simplification and basic operations on polynomials, exponents, factoring, rational expressions, radicals, and quadratic equations.

- Includes applications and activities to build skills in problem solving.
Mathematics
College-level
Math 1250
Contemporary Mathematics

Course Description

- Contemporary mathematics as it applies to today's world.
- Includes modeling and solving real life problems from behavioral, managerial, and social sciences.
- Includes linear programming and management science, probability and statistics, biological and financial growth, and mathematics of social choice.
Math 1270
Intermediate Algebra

Course Description

- Builds on basic algebra concepts.

- Topics include linear and quadratic equations, radicals and rational exponents, rational equations, polynomial, rational, compound, and exponential and logarithmic functions and an introduction to functions and elementary transformations.
Math 1141
Applied Algebra and Mathematical Reasoning

Course Description

- Applications and activities to build problem solving and mathematical modeling skills.

- Includes metric system, formula manipulation, graphs and their interpretation, solving algebraic equations and systems, functions, algebraic expressions (rational, radical and exponential), introduction to geometry, descriptive statistics and probability distributions.
The prerequisite for Calculus I (Math 1610) is either Pre-calculus (Math 1580) or BOTH Trigonometry (Math 1510 or Math 151H) and College Algebra (Math 1521 or Math 152H).

° Also available as an Honors course. If interested, please consult the Mathematics Department.

** Math 1060 only transfers to selected colleges. See a counselor for details.