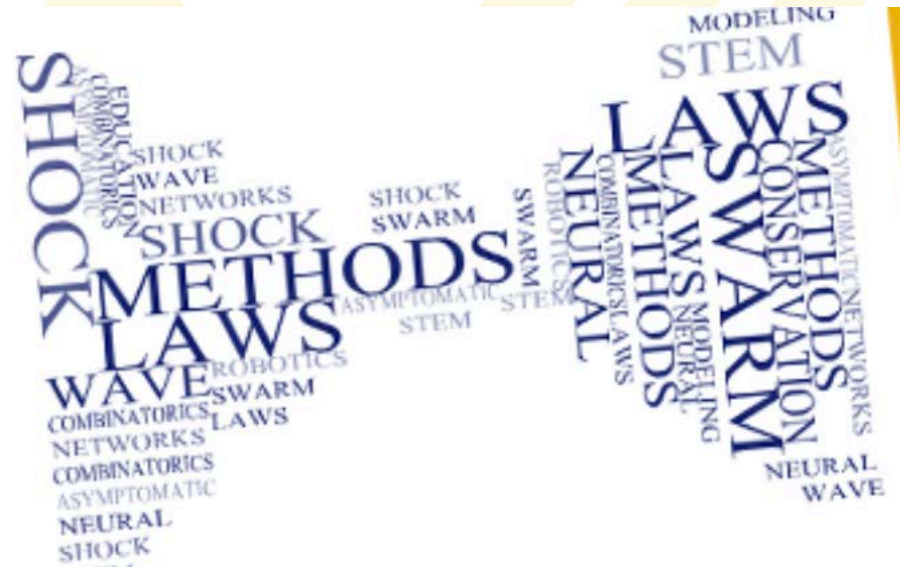


MATH UPDATES

320 Armstrong Hall

scheduling@math.wvu.edu

placement@math.wvu.edu



OVERVIEW

1. ALEKS proctoring
2. Math 122 SAT/ACT
3. Math 124 Harmonization



ALEKS® BY THE NUMBERS

- Of the students THAT TESTED un-proctered:
95 confirmed (20% confirmed, 80% did not)





RESULTS: CHANGES TO TESTING PARAMETERS

- SAT/ACT 460/500/19 can be used to enter into 122
- Out of the 687 that took Aleks and did not qualify for any math course, 334 would qualify for 122 via new SAT/ACT score. (49%)
- Students **MUST** take and pass a class to receive the opportunity to enter a new cohort (unless they have not placed into any course)



CHANGES TO TESTING PARAMETERS

- Students can take their **FIRST ATTEMPT** as a practice assessment.
 - If they take it on campus proctored, they lose the opportunity to take it as a practice attempt
- The practice assessment is to put them in the appropriate learning module- using assistance is detrimental to their placement experience
- The score used for placement must be a proctored attempt
- Students must complete 8 hours of practice between 2nd, 3rd, and 4th attempts.
- There is a 24- hours cool off period. (Cannot test twice in the same day)



HARMONIZATION RESULTS

- Reintroduce
 - Math 124 Applied College Algebra
- Purpose:
 - Prepare students for Math 128 Trigonometry
 - Prepare students for Math 150 Applied Calculus
 - Calculator/Problem solving-based



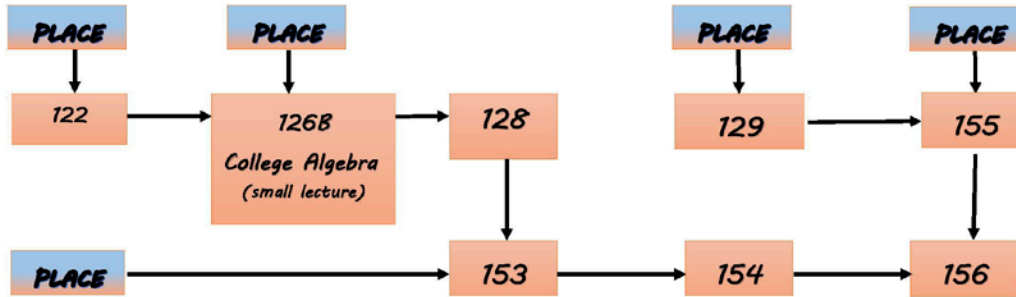
HARMONIZATION RESULTS

(FOR FALL 2018)

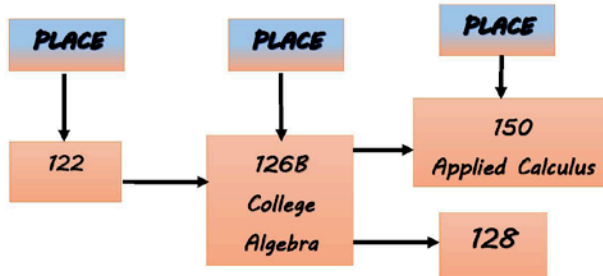
- Change Math 126A, B, and C to Math 126
- Purpose:
 - Prepare students for Calculus
 - Small lecture format to better prepare students that place lower than Math 129 for calculus



Math Course STEM Flow- Incoming Fall 2017 Students



Math Course non-STEM Flow- Incoming Fall 2017 Students

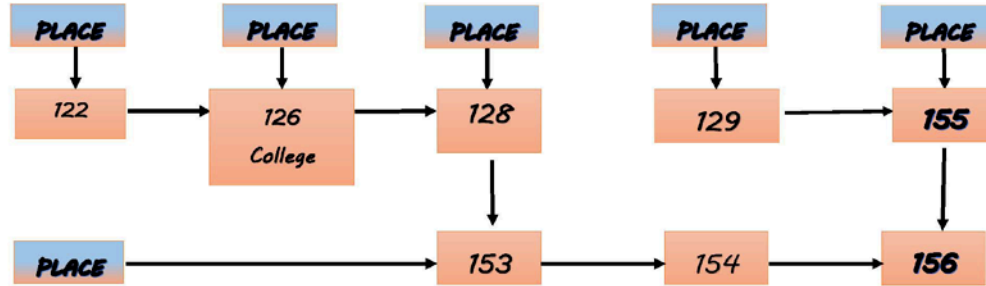


***Students can alter their path by placing via ALEKS

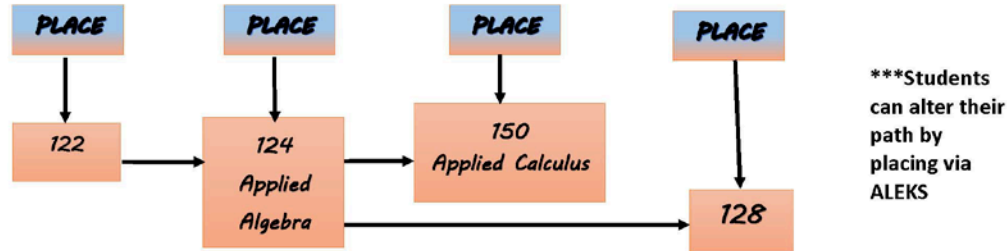
Updated 2.13.17



Math Course STEM Flow- Incoming Fall 2018 Students



Math Course non-STEM Flow- Incoming Fall 2018 Students



***Students can alter their path by placing via ALEKS

Updated 2.13.17



WVU Course	Old SAT Math	New SAT Math	ACT Math	ALEKS	Placement by Pre-requisite Course
<p>For additional information on math courses see https://math.wvu.edu/courses-view</p> <p>Math 121 Intro Concepts of Mathematics or Statistics 111 Understanding Statistics</p>	<p>There are no prerequisites or placement scores required to register for MATH 121 (Intro Concepts of Mathematics) or STAT 111 (Understanding Statistics). These courses fulfill the WVU general education math requirement.</p> <p>Math 122 (Quantitative Skills and Reasoning) is a two-credit preparatory course for College Algebra (Math 126) and *does not* fulfill the WVU general education math requirement.</p> <p>Math 121 (Intro Concepts of Mathematics) does not satisfy the pre-req for any other math course.</p>				
<p>Math 122 Quantitative Skills and Reasoning</p>	460	500	19	30-44	NA
<p>Math 126B College Algebra 4-Day</p>	540	570	22	45-64	C- in MATH 122 (non-STEM go into sections 100 or above, STEM majors enter into sections below 100)
<p>Math 128 Plane Trigonometry</p>	NA	NA	NA	NA	MATH 126A or MATH 126B or MATH 126C with a minimum grade C-
<p>Math 129 Pre-Calculus Mathematics</p>	580	600	26	65-69	B- or better in 126B
<p>Math 150 Applied Calculus</p>	580	600	26	65-69	MATH 126A or MATH 126B or MATH 126C or MATH 129 with minimum grade of C-



MOVING FORWARD...

- No sections of 126A will be offered in Fall 2017 and Spring 2018
- Anticipate adding placement via Aleks only for Math 128 in Spring 2018
- All changes will be completed by Fall 2018



TO SUMMARIZE...

1. Only accept ALEKS proctored attempts for placement
2. Math 122 prerequisite of
 - i. SAT 460/500
 - ii. ACT 19
 - iii. ALEKS 30
3. Reintroduce Math 124 for majors that do not require Math 155



QUESTIONS?

[HTTP://MATH.WVU.EDU](http://math.wvu.edu)

Mary Beth Angeline, EdD

Program Coordinator

WVU Math Department

320 Armstrong Hall

304-293-2011

mbangeline@math.wvu.edu

scheduling@math.wvu.edu

placement@math.wvu.edu

Follow us on Twitter @WVUMath

