Math Harmonization and related news
Math Placement Flowcharts

In the charts below, gold courses can be placed into, but blue courses cannot. Clear courses require no placement. Students can alter their path by placing via ALEKS.

Calculus Track

MATH 122

MATH 126

Math 128

MATH 153

MATH 129

MATH 155

Applied Algebra/Applied Calculus Track

Math 128

MATH 124

MATH 150

Non-Algebra/Non-Calculus Track

Math 121

OR

Stat 111

LEGEND

Direct Placement

No Direct Placement

No pre-
MATH 122

• Students with a MATH ACT 19 or higher, MATH SAT 460/500 or above can take the course

• Students with scores below these benchmarks will need to place via ALEKS
STEM ADVISING NEWS … HOT OFF THE PRESS…

College Algebra

Currently:

• **MATH 126A**: small expensive sections for non-calculus bound students
• **MATH 126B**: large sections for calculus-bound students
• **MATH 126C**: transfer and ACCESS College Algebra
Harmonization Fall 2018

MATH 124

- Algebra with Applications
- Large lectures
- Pre-requisites: MATH 122 with a C-, or SAT 540/570 ACT 22
- Sections are major restricted (non-STEM majors)
- Leads to MATH 128 or MATH 150
- BIOL and PSYC B.A.

MATH 126

- College Algebra
- Small lecture format
- Pre-requisites: MATH 122 with a C-, or SAT 540/570 ACT 22
- Sections are major restricted (STEM majors)
- Leads to MATH 128, then Math 153
- BIOL and PSYC B.S.
Transition Fall 2017 & Spring 2018

**MATH 126B (Future 124)**

- Algebra with Applications
- Large lectures
- Pre-requisites: MATH 122 with a C-, or SAT 540/570 ACT 22
- Sections are major restricted (non-STEM majors)
- Leads to MATH 128 or MATH 150
- Sections numbered below 100

**MATH 126B (Future 126)**

- College Algebra
- Small lecture format
- Pre-requisites: MATH 122 with a C-, or SAT 540/570 ACT 22
- Sections are major restricted (STEM majors)
- Leads to MATH 128, then Math 153
- Sections numbered above 100
MATH 128 -- TRIGONOMETRY

FALL 2017 & SPRING 2018

• Pre-requisite:
  – MATH 126A, B, C with a C- or better
• No possibility of placement

FALL 2018

• Pre-requisite:
  – MATH 126 or Math 124 with a C-
  – Possibility of placement in the future
MATH 129 -- PRECALCULUS

CURRENTLY

• Pre-requisite:
  – MATH 126B, with a B- or better

• Placement:
  – ALEKS
  – ACT/SAT placement

SPRING 2018 AND FOREVER AFTER

• Pre-requisite:
  – No pre-requisite class

• Placement only:
  – ALEKS
  – ACT/SAT placement
MATH 150 – Applied Calculus

**SPRING 2018**

- **Pre-requisite:**
  - MATH 126A, B, C with a C- or better
- **Placement:**
  - ALEKS
  - ACT/SAT placement

**FALL 2018**

- **Pre-requisite:**
  - MATH 124 or MATH 126 with a C-, or higher
- **Placement:**
  - ALEKS
  - ACT/SAT placement
MATH 153 – Calculus 1A with Pre-Calc

**SPRING 2018**

- **Pre-requisite:**
  - MATH 126A, B, C and MATH 128
- **Placement:**
  - ALEKS
  - ACT/SAT placement

**FALL 2018**

- **Pre-requisite:**
  - MATH 126 and MATH 128
- **Placement:**
  - ALEKS
  - ACT/SAT placement
TRANSIENT AND TRANSFER

• At the end of the fall 2017, we will no longer use TES.

• Process has begun to build a system from Banner, with a web-based product called TESS.

• **ALL** transfer courses will be reevaluated by each department.

• Open credits can have attributes.

• Thank you for your patience and your evaluations.
PLACEMENT QUICK FACTS

• QRA scores will be purged from Banner by 201808

• ALEKS scores are only good for a year

➤ Why? In order to place students accurately, placement scores must be recent
ALEKS and Admitted Students

- Admissions and MATH websites are linked
  - Admissions: students can enter their major and find the MATH they need
  - MATH: students can enter their ID and find their placement based on current information
NSO

• After students register for NSO, they will receive communications from Admissions

• Students are encouraged to
  ➢ Take a practice test (un-proctored) before NSO
  ➢ Take a proctored test before NSO
    ➢ Visitation days, Open Houses
    ➢ Overnight

• ALEKS will be offered every day
ALEKS AND CURRENT STUDENTS

• Issues with students taking the test and dropping a class
• Solution:
  – ALEKS is used for initial placement only.
  – If students have utilized all three (one practice and two proctored) attempts and do not place into a class, we refer them to boot camp (please see https://math.wvu.edu/bootcamp). Bootcamp can only be attempted once.
  – After placing into a course, a student can no longer take ALEKS, but has to follow the Math path.