HIGHLIGHTS

- Options for Students Testing below MATH 11000
- UCOL-U 110 Math Pilot
- Curriculum Changes
- ALEKS Math Placement
- Math Course Information and Sequencing
- Dual Credit and Placement
- Math Proficiency Exam Policy
- Advisor Resources
Options:

- **0-13 ALEKS Math Placement Score**
  - Utilize learning modules and retest up to 4x
  - Register for MATH 023 at Ivy Tech
  - Students testing into this range will receive communication through CRM

- **14-24 ALEKS Math Placement Score**
  - Utilize learning modules and retest up to 4x
  - Register for UCOL-U 110 MATH Pilot OR
  - Register for MATH 023 at Ivy Tech
  - Students testing into this range will **not** receive communication through CRM
**ALEKS SCORE 0-13**

**Is Student Conditionally-Admitted (in OMA?)**

**Yes**

Student will be placed in appropriate Math section during OMA.

**No**

Student will receive a notice from CRM once test score is uploaded in SIS. The message will discuss the low test score and the student will be encouraged to utilize learning modules and retest as needed. Student will also be informed that Ivy Tech’s MATH 023 will be required if the score does not rise above 13. Student will be encouraged to talk to advisor at orientation about registering for MATH 023 as needed.

- **International Students will receive communication directly from OIA. They will not receive communication through CRM.** Routine reports will be run to communicate appropriately with students testing into the 0-24 range on the ALEKS Math Placement test. These students will be strongly encouraged to utilize learning modules and retest as needed.

- **Advisor will assist student during orientation in completing the Ivy Tech Guest Student Application for possible registration in MATH 023 as needed. Advisor will assist student in submitting application to the Passport Office.**
Is Student Conditionally-Admitted (in OMA)?

Yes

Student will be placed in appropriate Math section during OMA

No

Is Student in JumpStart Cohort?

Yes

Student pre-registered in Bridge/TLC, and therefore is not eligible for UCOL-U 110 math pilot. Student should discuss math placement result with advisor at orientation and be encouraged to utilize learning modules and retest as appropriate. If student is still not able to test out of the 14-24 range, student should enroll in MATH 023 at Ivy Tech for Fall 2015.

No

Student discusses math placement result with advisor at orientation and is encouraged to utilize learning modules and retest. Student discusses available course options if not able to obtain a score of 25 or above:

1. Register for ITCC Math 023 OR
2. Register for UCOL-U 110 Math Pilot
   - 23275 (M 10-11:50)
   - 23726 (M 2:30-3:50)
   - 23732 (R 1 - 2:50)
   - 23735 (T 3:4:50)

If student is unable to enroll in UCOL-U 110 math pilot or opts to take MATH 023 at Ivy Tech, student should receive Ivy Tech Guest Student Application for enrollment in MATH 023 at Ivy Tech. Student should work with advisor at orientation to complete Ivy Guest Student Application. Advisor will submit app to Passport Office who will follow-up with the student to help the student get enrolled at Ivy Tech if necessary.

21st Century Scholars may replace Summer Bridge requirement with UCOL-U 110 Math Pilot course and satisfy mentoring requirement during fall semester as a part of scholarship requirements.

International Students will receive communication directly from OIA to utilize learning modules and retest as needed.
UCOL-U 110 MATH PILOT

- 50% (1cr) of UCOL-U 110 pilot = math prep (MATH 00100 material)

- Serves as prerequisite for MATH 11000 if successfully completed with “C-” or higher

“The math portion of the pilot U110 courses is online. The courses will be taught by math faculty and will require a math book and code be purchased. During the 'math hour' students will have an opportunity to bring in questions from the homework assignments, take quizzes over the homework, and review previous material.”
UCOL-U 110 MATH PILOT

Did student successfully complete mid-term exam?

Yes

Student may be granted permission to enroll in MATH 11000 for Spring 2016 and will continue enrollment in current UCOL-U 110 course.

No

Student will be advised to register for Ivy Tech’s MATH 023 for Spring 2016 and will need to switch to a different UCOL-U 110 section not connected to math.

Did student successfully complete final exam?

Yes

Student may remain in MATH 11000 for Spring 2016.

No

Student will need to drop MATH 11000 for Spring 2016 (if enrolled) and take MATH 023 at Ivy Tech before moving forward with the mathematics curriculum.
MATH 11000 CHANGES

- MATH 11000
  - Effective Fall 2015, will become stretch course for preparation into MATH M118, M119, 13000s, and STAT 30100
  - Break-down:
    - 25% Intro to Algebra concepts (11 of 45 days) (1/4\textsuperscript{th} of old MATH 00100 course)
    - 50% Intermediate Algebra concepts (20 of 45 days) (1/2 of old MATH 11000)
    - 25% College Level concepts (14 of 45 days) (1 chapter each of M118 and M119)
STUDENTS SWITCHING TRACKS

- ALEKS score 25-34 → MATH 11000 placement
- ALEKS score 35-49 → MATH 11100 placement
- MATH 11000 → MATH 11100 → MATH 15300
Meant for incoming students and those who have not yet begun their mathematics curriculum at IUPUI

All incoming students required to take ALEKS math placement test (even those with dual credit)
  - Exception: Transfer students with math credit within last 2 years

$50 fee assessed for ALEKS test
  - Fee includes 5 ALEKS math placement test attempts and learning modules, as well as world language online placement tests
MATH COURSE INFO & SEQUENCING

- MATH M118
  - No time limit on prerequisite course

- MATH M118 vs. M119
  - Both require intermediate algebra (11000 or equivalent) as prereq
    - Different reasons:
      - MATH M118: for mathematical maturity
      - MATH M119: for algebra content
  - M119 suggested to be taken asap after successful completion of placement test/prerequisite course
MATH COURSE INFO & SEQUENCING (CONT)

- MATH 15900
  - Meant for students who have already studied pre-calc but need a review before entering Calc 1
  - If student had not previously studied pre-calc, recommend MATH 15300 and 15400

- Take MATH in FIRST semester
  - Students should be encouraged to take a math course every semester, beginning with the first semester of enrollment, until math requirements are completed for degree
STUDENTS WITH DUAL CREDIT

- What do we mean by students with “dual credit?”
  - Students who take a high school course and receive college credit for it

- How do you determine whether or not a student has dual credit?
  - Ask student
  - Review HS transcripts

- Students with transfer dual credit are treated the same as all other beginning students:
  - Must take math placement test
  - Must follow results of math placement test (regardless of credit earned through dual credit)
HOW TO HANDLE PLACEMENT FOR STUDENTS WITH DUAL CREDIT

Scenario A:

Student transfers dual credit for MATH 15300. Student places into MATH 11100. Student is pre-Biology B.A. major and needs both MATH 15300 and 15400 credit for her degree.

Student must take MATH 11100 before progressing in her math curriculum.
Scenario B:

Student transfers dual credit for MATH M118. Student places into MATH 11000. Student is a nursing major and only needs MATH M118 credit for her degree.

Student does not need to take further math courses if not required by her degree.

HOWEVER: If student changes her major and needs additional math such as MATH M119 or MATH 15300, she will need to follow the result of the mathematics placement test or retest as needed.
EXCEPTIONS TO THE RULE

- Math Proficiency Exam may be used if student’s placement score is lower than student’s transferred credit.

- If student is determined that s/he was misplaced and wishes to take the proficiency exam, direct student to LD 270, info@math.iupui.edu or 317-274-6918.

- Keep in mind, students who take the proficiency exam are generally unsuccessful unless they have recently studied the material and done well.

- An ALEKS retest may also be a viable option!
MATH PROFICIENCY EXAM POLICY

Students eligible to take the proficiency exam:
- Transfer student with similar but not equivalent credit to a math course at IUPUI
- Student who successfully completed the course, but it has been over 2 years and student is attempting to validate knowledge of material
- Student took higher level courses previously but tested low on the math placement test
- Other cases may apply

Students who may not be eligible to take the proficiency exam:
- Students who did not obtain the necessary prerequisite grade and are attempting to “bypass” retaking the course (this includes “C-“ grades)
- Students who have not taken the course previously
- Other cases may apply
Where to locate most up-to-date placement and other math information

- [http://math.iupui.edu/advisor-portal](http://math.iupui.edu/advisor-portal)
- [http://jacada.iupui.edu/](http://jacada.iupui.edu/)
  - Scroll over “Advisor Orientation Guidebook” at the top then “Placement Testing” then click “MATH.”

Items found on website:

- Math Course Authorization Form
- Math Department Policy On Prerequisite Checks
- Math Placement Test Information
- Math Proficiency/Credit By Exam Information
- Math Course Information
- Drop-back/move-up policy
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