

Transitional Math Update

IMACC April 12, 2019

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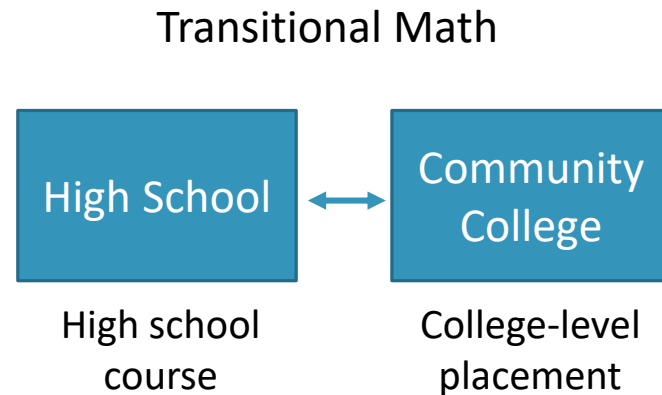
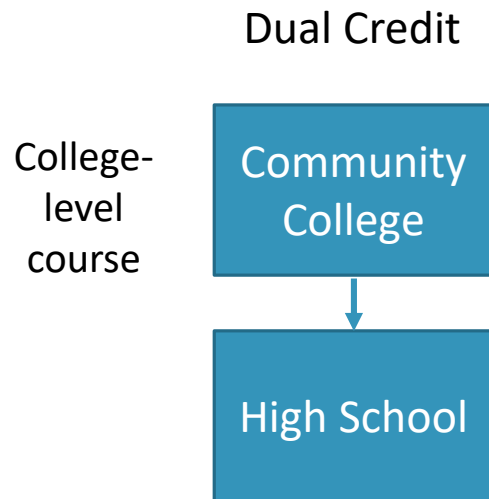
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Partnerships & MOUs

High schools are equal partners with community colleges in this process.



Update: Communication

- A PWR newsletter is distributed quarterly.
 - To be added to the distribution list, go to the TM website.
 - Check your Spam and Junk folders as the newsletter sometimes gets sent there.
 - If you would like your partnership highlighted for its work with TM, email Kathy.
- A new FAQ is being written.
- A new TM Support email address will be created to submit questions to.
- New TM website is continuing to added to continually.

www.iltransitionalmath.org

Update: Implementation

- ISBE and ICCB along with others are working on the legislatively required phased implementation plan. **High schools will get their “date” this year.** High schools should begin planning now since that gives the most time and control over the process.
 - Mandated implementation years will be 20-21, 21-22, and 22-23.
- Current status: Schools should not expect to receive their “date” until June 2019.
- ISBE and ICCB are clearly defining “implement” and opt out procedures.

Small school options

Convert existing courses

Embed competencies into other disciplines

IVS (may be available for 19-20 school year, but this is TBD)

Co-op course with nearby school

Dual purpose a teacher (teach one class with others in IVS)

Dual purpose a class (must report accurately to ISBE via SIS code and cannot give a student 3rd yr grad credit and TM placement for same course)

Implementation topic: Tech math

Issues:

- Most common technical math course (level 1) is same as PWR transitional tech math course
- Often PWR transitional technical math doesn't align with each college's tech math approach
- Students getting placement from PWR transitional technical math don't necessarily get to take advantage of it

Implementation topic: Tech math

If you have a HS that is implementing a transitional tech math course (or considering it), please do the following:

1. Work with your high schools to educate them about your tech math requirements for various degrees and certificates. Most CCs require 1 course and it counts for AAS credit, so it is not considered remedial although the content is low.
2. The HS should consult CTE dual credit qualifications and determine if they have staff that are qualified. If so, your tech math course can be dual credit. That grants your students placement and college credit as opposed to just TM placement. The HS would need to use another TM course to meet the state implementation requirement.

Update: Portability

- The panel determined course approval criteria and recommendations for submission protocols. A webinar was given on December 6 going through these procedures and documents. See the [website](#) for the recording and documents.
 - Make sure you watch the webinar since the local advisory panel process is explained
 - CCs: LAP will allow you to easily keep track of how TM is being implemented

Working with the 5 test partnerships now on submissions (panel meets May 1).

Making tweaks now and will educate everyone on them after meeting

Portability codes:

- TM001 (STEM), TM002 (QL/Stats), TM003 (Tech math)

Portability changes

- The full call for any CC/HS partnership will be in fall 2019. This will provide enough time for students who take TM in fall 2019 to receive portability on their transcript, even if they graduate midyear.
 - Portability panel meeting will be Oct 30, 2019.
 - Submissions are required by October 1.
 - Partnerships will receive information about acceptance or denial of portability within one week of the panel meeting.

Update: Professional development

The goal of PD now is to differentiate it to meet the varied needs.

PD for the materials developed statewide will begin in summer (webinars) and F2F events (north, central, south) at a low cost. **Need host sites.**

After the portability panel meets on May 1, there will be updates made to portability docs and procedures (as needed) and then explained in a webinar in May. The webinar will include sample docs from partnerships that received portability.

See PD tab in website for recordings and slides of recent online PD (TM overview, advising issues, portability processes).

Update: Resource development

Sample units were piloted in Feb.

Resources are being edited now and test items are being written.

NOTE: State resources are optional to use. Schools may use some, all, or none of them. The sample units created are not the only way to offer units of instruction.

Update: Resource units & timeline

QL/Stats and Tech math:

- Units will be available June 1 online
- Sample units with task-based instruction along with summatives and capstones will be included in units

STEM version 1:

- Created to support schools converting intermediate algebra courses in the 19-20 school year
- Not the same as the QL and tech units; more skill-based, not centered around context but instead content
- 2 tasks (one small and one big) per each of the 5 content units (linear, polynomial, rational, radical, exponential) to augment an intermediate algebra book

STEM version 2:

- Will have approach of QL and tech: centered around context
- In brainstorming stage now; will be developed and piloted in 19-20 school year
- Goal is availability for 20-21 school year

Notes from the field

- Data collection will happen at the state level, but there is a limit to what that can be. Consider local data to collect, especially related to learning of competencies.
- Colleges should consider putting together a meeting with all partnership HS counselors to educate them on local issues.
- HSs can do a meeting for parents of juniors and discuss TM when they discuss AP and DC
- MOUs are coming together in multiple partnerships
 - Key: be creative and flexible. If stuck, reach out to Kathy. There is always a compromise to be found, particularly with retakes and final exams.

Odds and Ends

- Working with IBHE on a letter to gain formal acceptance of TM placement from universities.
 - NIU is a new addition to the list of interested universities.
- Transitional English is constantly discussed. We need English faculty to participate. Send names to Kathy.
 - If you have a HS wanting to try TE, encourage them to start.
- Students should **not** be required to take a placement test prior to TM registration.
 - See Competencies and Policies document for placement requirements.

College-Level Math Projected Readiness Criteria

The following recommendations define placement criteria for transitional math courses as required by the PWR Act.

Eleventh Grade Students Projected NOT Ready for College-Level Math

A high school junior who has successfully completed state math graduation requirements but has not met at least two of the college-level math projected readiness criteria will be projected as NOT ready for college-level math and will be given transitional math opportunities in relation to their current math achievement and career interests. A student should consult with a teacher and/or advisor to determine the appropriate transitional math pathway.

Transitional Math Pathway	Minimum Criteria for Enrollment
<p>STEM Results in guaranteed placement into College Algebra or any of the outcome courses associated with the transitional Quantitative Literacy and Statistics or Technical Math pathways. See note.</p>	<p>Successfully completed state high school graduation requirement in math and at least one of the following criteria:</p> <ul style="list-style-type: none">• B or better in Algebra 1 or a higher math course• Math GPA of 2.5 or higher• Teacher verification of transitional college algebra prerequisite competencies
<p>Quantitative Literacy and Statistics Results in guaranteed placement into IAI courses M1901 Quantitative Literacy, M1902 General Education Statistics, M1904 General Education Mathematics, M1907 Elementary Math Modeling or Technical Math. See note.</p>	<p>Successfully completed state high school graduation requirement in math.</p>
<p>Technical Math Results in guaranteed placement into a technical math course within the career pathway. See note.</p>	<p>Successfully completed state high school graduation requirement in math.</p>

Notes

1. Students who have not selected a math pathway are placed by default into the QL/Statistics pathway.
2. GPA references cumulative, unweighted GPA on a 4.0 scale.
3. Students who have not completed state high school graduation requirements in math must be concurrently enrolled in a course to meet those requirements with a transitional math course.
4. A transitional math course cannot be used by a high school senior who has not successfully completed three years of math that fulfill the State's graduation requirements (see 105 ILCS 5/27-22, and ISBE's guidance: https://www.isbe.net/Documents/grad_require.pdf).
5. Local policies may require students with an SAT math score of 300 or below to enroll in foundational math instruction and supports either in lieu of, or concurrently with, a transitional math course.
6. The Transition to Technical Math course provides preparedness for most technical math courses that satisfy the math requirements for an AAS degree. Consult local technical math course requirements.

Q&A

Requests

1. Work on your partnership on creating a local advisory panel. See [Dec 6 webinar](#) for more information.
2. Work with your high schools/community college on fall 2019 MOUs.
3. Plan a meeting with all of your partnership HS counselors to educate them on local issues and protocols.
4. Work on parent letter and/or meeting to advertise TM and its benefits.
5. **Share important info from today with those affected at your school. Consider providing a departmental update.**

Upcoming updates

Monthly update webinars are for anyone, K12 or college. The next three webinar dates for 2019 are available on the website. See **TM News** and then **Webinar Updates** for more information.

[REGISTER](#)

Tues April 23, 3 to 4 pm

Thurs May 23, 3 to 4 pm

Thurs June 27, 3 to 4 pm

The recording will be available on the website after each webinar.