



This event is presented by CESA 6 Instructional Services

Career & Technical Education (CTE) Curricula with Depth and Coordination

Monday, April 30, 2018 – 9 a.m. to 3 p.m.

Facilitators:

Mary Ann Hudziak, CESA 6 Teaching and Learning Coordinator
Tania Kilpatrick, CESA 6 Career & Technical Education Director

Cohort 1 (Spring 2018) – Technology & Engineering Focus

Description

This training will utilize a researched approach to improve Math integration in your CTE instruction. In the original Math-in-CTE research study, students in the classrooms of teachers trained in this model performed significantly better on standardized math tests and community college math placement tests than students who received the regular CTE curriculum. Students also improved their math skills without losing the technical skills needed for college and career readiness. Math-in-CTE is not a curriculum but a process through which the math that naturally occurs in the CTE curriculum is enhanced. CTE teachers are never asked to replace what they already teach or to superimpose math that does not belong in their courses. Throughout this training, CTE teachers will work with math teacher partners in communities of practice to integrate their curricula and identify the intersection of CTE and math concepts. This work leads to the development of curriculum maps from which teachers then create math-enhanced CTE lessons using a seven-element pedagogic framework and develop a plan for integrating those lessons naturally into their courses. CTE teachers work collaboratively with their math teacher partners as they prepare instruction (lessons). Teachers will walk away with a framework and lesson plans to move forward.

Objectives

- Hear from industry partners regarding math needs for successful employment
- Build common vocabulary between math and CTE
- Strengthen professional collaboration between Math and CTE instructors
- Align CTE curricula with the embedded math standards
- Audit current curriculum for current math content and opportunities for enhancement
- Learn a seven-element pedagogic framework for planning curriculum and instruction
- Collaborate with math colleagues to develop a professional partnership for planning lessons

Who should attend?

Technology and Engineering teachers with a math colleague is suggested

For additional information contact:

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Tania Kilpatrick, (920) 236-0531, tkilpatrick@cesa6.org

To register online, go to:

<https://login.myquickreg.com/register/event/event.cfm?eventid=20124>

Registration details

- **Dates:** Monday, April 30, 2018
- **Registration fee:**
 - ✓ No charge for school CTE & Math teacher from CESA 6 Perkins Consortium Member Schools
 - ✓ Fee includes materials and lunch.
- **Time:** 9 a.m. - 3 p.m.
- **On-site check-in:** 8:30 - 9 a.m.
- **Location:**

Oostburg High School Innovation Room; 410 New York Avenue, Oostburg, WI 53070
(920) 564-2346
- **Registration deadline:** April 10, 2018
- **Online registration:**

<https://login.myquickreg.com/register/event/event.cfm?eventid=20124>

Cancellation policy: CESA 6 will issue a refund if a registration cancellation is received **48 business hours** before the event date. Attendance at most sessions is limited. Individuals who register but do not attend will be charged the full registration fee. CESA 6 reserves the right to cancel any session due to insufficient enrollment. Participants will be notified by email or phone if a session is canceled.

Registration questions contact:

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