

California Corequisite Initiative

The California Corequisite Initiative (CCI) is a systemwide effort to develop and widely share a set of tools to improve instruction, delivery, and equitable student outcomes in corequisite math courses. The initiative is a collaboration among several organizations under the direction of the California Community Colleges Chancellor's Office.

A cornerstone strategy in supporting students in transfer-level math courses, corequisites can be highly effective in providing targeted interventions to students to improve foundational math knowledge and help them accelerate in the primary transfer-level math course content.

Through the CCI, the National Laboratory for Education Transformation (NLET) and its partner Pragma Systems will provide and co-develop with faculty a new technology-based tool to assist faculty and students in effective corequisite delivery called *Just In Time Math*.

Just In Time Math is a free, competency-based, and interactive platform for identifying individual strengths and gaps in math concepts and operations. It provides efficient, formative cycles of assessment and tutorials to provide feedback to students and accelerate them towards more complex math concepts.

While *Just In Time Math* will be foundational to the initiative, expert faculty and facilitators will work with a select group of CA Community College campuses to collaborate on effective practices for math departments and related administrative and support functions to improve corequisite offerings, strategies, and outcomes.

Strategies

Campuses and faculty can engage in the project in the following ways:

1. Through determining the most effective practices for corequisite design and execution. This will involve engagement with your Math department leadership, faculty, and related campus staff (tutoring center, counseling/advising, etc.). This will include an opportunity to pilot the beta version of the new *Just In Time Math* tools and iterate with the project team to continuously improve the platform and provide feedback on necessary elements to implement the tools for maximum impact with emphasis on equity and access (i.e., user feedback, internal processes, policy alignment, professional development). Stipends will be available for faculty who are willing to pilot courses and provide feedback.
2. Through faculty members joining a systemwide workgroup to assist in the tuning and improvement of the *Just In Time Math* platform to select and organize the content, learning materials and formative assessment, particularly to customize it for a California Community College context of equity and access. Stipends will be provided at several levels of engagement.

- Through CTE faculty and subject matter experts joining smaller workgroups to explore the application of *Just In Time Math* to three occupational pathways to design a *WorkReady Math* system that contextualizes and streamlines the math learning necessary for those occupations and skills. Stipends will also be provided.

We hope that committed campuses will engage in all the activities listed above. However, there will be opportunities to engage in individual components per the interest of the campus and faculty.

Benefits of Participation

Campuses: gain access to and interact with facilitators and experts in the field over two years to help your math department strengthen your corequisite offerings, processes, and instruction. Be leaders in designing and demonstrating effective practices and tools that can be widely distributed to the system to improve the success of our students.

Faculty: collaborate with colleagues across the system to improve and pilot the *Just In Time Math* platform for corequisite courses and increase student access and outcomes. Actively participate in creating (or improve existing) open educational resources (OER), formative assessment items and competency-based corequisite modules and courses on the platform. Receive stipends for your efforts.

CTE Faculty and SMEs: Collaborate with colleagues to customize and pilot the platform to create a *WorkReady Math* tool for three CTE pathways that is contextualized and directly applicable to the right math at the right time for preparing for careers, certifications (CTE) and licensure. You also will be provided stipends for your efforts.

Students: Practice and learn foundational skills for succeeding in a transfer-level math class and receive targeted, individualized support from faculty and tutors based upon the information about your progress in *Just In Time Math* – all at no cost to you. Provide on-going feedback to make the experience more helpful, accessible, and efficient.

This will be a two-year commitment by campuses and faculty, with meetings (4-6 per year) both in-person and online and collaborative sharing of ideas, strategies, and resources in between. Faculty and CTE SMEs that participate in the workgroups (design teams) will have additional meetings (4-6) per year and off meeting work on content and assessments as well as collaborative sharing between meetings.

During the third and final year, the project team will finalize a full project evaluation and package the practices, materials, support and the completed *Just In Time Math* platform for distribution across the CCC system.

Contact us for more information at ken.sorey@nlet.org.

To apply on behalf of your college, click [here](#).