

Community College System of NH

Mathematics Learning Communities

May 20 2009 – June 30 2010

Mathematics Learning Communities (MLC) describes joint professional development activities that will be administered by the Community College System of New Hampshire (CCSNH) and directed by a Project Leadership Team of three high schools and three community colleges mathematics faculty. The project will provide professional development and administrative leadership necessary to implement a two-tiered approach to mathematics instruction for high school juniors and seniors that aligns with fourteen pre-requisite mathematics competencies that comprise community college readiness. Tier I is a Senior Math option and Tier II is a Running Start dual credit version of Topics in Applied College Mathematics (TAC.Math).

The goal of Mathematics Learning Communities is ensure that high school graduates are "Ready to Go" to college or work without remediation.

The project objectives are:

1. Provide professional development resources to increase the skills and knowledge of high school and college mathematics faculty, complement K-12 improvement efforts underway to raise mathematics achievement, and increase college readiness of all students
2. Improve mathematics scores on 11th grade NECAP (New England Common Assessment Program)
3. Demonstrate efficacy and evaluate impact of a two tier mathematics approach: Tier I - Senior Math and Tier II - Topics in Applied College Mathematics (TAC.Math)
4. Field test ACCUPLACER as a proxy college readiness mathematics assessment and guidance tool linked to K-12 Grade Span Expectations for mathematics and mastery of the pre-requisite competencies required for placement in college level mathematics in CCSNH
5. Increase post secondary participation, retention, and success of high school graduates
6. Reduce enrollment in developmental mathematics in New Hampshire community colleges