

***SCV Math Learning Consortium  
Minutes; March 21, 2017  
UCEN 223; 4:15 pm – 5:15 pm***

Present:

Kelly Aceves, Roslyn Denny, Beth Flynn, Collette Gibson, Angela Grigoryan, Mike Hubbard, Olga Lavalle, Dave LeBarron, Omar Torres, Micah Young

Welcome, Introductions, and Call-to-Order:

Meeting was called to order at 4:20 pm by Collette Gibson. Attendees introduced themselves.

Minutes, Previous Meetings:

Collette reported that the minutes from the last several meetings can be found on the SCV Math Learning Consortium page (which is linked to her COC website).

Mission Statement:

*Address the gaps in student success and to realign curriculum to support student outcomes by altering delivery methods to facilitate the transition from high school to college.*

Math Assessment Prep Workshops:

Collette provided information on two Math Assessment Prep Workshops that will be offered on March 25<sup>th</sup> (CCC) and May 6<sup>th</sup> (Valencia). The workshops target high school seniors applying for Fall 2017. Flyers were distributed to all Hart District counselors. Workshops like these continue to be offered to acknowledge, address, and support the needs of the students.

CSUN & EAP:

Mike reported that he will reach out to the current Math Chair at CSUN for more information. In the meantime, he spoke to the former Math Chair at CSUN regarding CSUN's placement test process and how it relates to CAASPP/EAP results. According to the previous Math Chair, it does not seem that CSUN is currently relying on CAASPP/EAP results for Math placement. However, Mike will follow-up with the current CSUN Math Chair.

Olga stated that depending on the student's major, it is at the discretion of the college/university as to if a placement test is required (depending how the student scored on the CAASPP/EAP, i.e., college ready, conditionally ready, or not ready). Olga provided copies of the CSU College Readiness booklet for all members.

This committee continues to reach out to other area colleges and universities regarding their policies about accepting CAASPP/EAP results as part of the student placement process. Omar suggested that we might want to request an institutional research study be done to compare where students were placed using multiple-measures versus where students might have been placed using CAASPP/EAP results. Dave stated that student CAASPP/EAP results could be provided to COC by Hart District to assist in this study.

Finance/Introductory Statistics Course:

Hart District members confirmed that the district is currently offering (at four sites) the above courses; two additional high school sites will begin offering the above courses as of August, 2017. The courses will be offered only to seniors who have successfully completed at least Algebra II.

### Aligning Curriculum (Algebra II and Math 070):

Roslyn discussed the progression and content of Algebra I, Geometry, Algebra II (honors and non-honors), providing a Math Course Sequence Flow Chart for Grades 7 – 12 (beginning Fall 2016). Hart District's Algebra II topics include linear equations/graphs, transformations, polynomials, quadratics (originally introduced in Algebra I), rational and radical expressions and equations, logs, exponentials (originally introduced in Algebra I), and inequalities.

COC members stated that there will be an 060/070 FIG (faculty inquiry group) on Friday, March 24<sup>th</sup>, to discuss a possible movement to re-design the courses. Beth offered to bring a sample of the Algebra I, Geometry, and Algebra II curriculum that Hart District currently uses to the FIG for member review (so FIG members know exactly what is taught in the given Hart District course).

A San Diego area community college completely re-designed their similar courses and are seeing excellent results. Cuyamaca College eliminated Pre-Algebra and Elementary Algebra, instituted a co-requisite model, and is well on their way to eliminating the equity gap.

CAP (California Acceleration Project) has presented Cuyamaca success data at many of their workshops and conferences. One of CAP's main focus' is to reduce possible exit points (shorten the sequence of course work). Community colleges working with CAP, like Cuyamaca, are seeing significant success on the non-stem side. COC's FIG will now discuss possible opportunities on the STEM side.

Other considerations include the counseling side of the issue. We need to make sure that the student is being counseled to pursue the right path (STEM vs. non-STEM) for that individual student, their chosen major, and their transfer school

On March 2<sup>nd</sup>, Hart District hosted a district-wide training in which math teachers were trained on DESMOS. It was reported that Algebra I and Algebra II regularly use Desmos as a teaching/learning tool (both as a teacher demonstration as well as student hands-on via lap tops). It was noted that the CAASPP has embedded a Desmos calculator as part of their math test. Mike commented that he hoped the use of calculators has been reduced based upon seeing one of the modules for Algebra II.

### Other Topics Not Discussed (from previous meetings):

Curriculum map for Algebra I, Geometry, Algebra II (Trig): Roslyn

On-going, targeted professional development for COC instructors (how to make our students more successful; instruction delivery methods including activity-based learning and best practices)

Sharing COC's experience and knowledge about affective domain with Hart District teachers for possible implementation at the high school level

Creating SMART goals (specific, measurable, attainable, realistic, timely) for SCV MLC

### Next Meetings:

The next meeting is scheduled for May 2; from 4:15 pm to 5:15 pm; scheduled to take place at COC Valencia campus. Room to be determined.

Feedback Summary Report:

***What is most valuable that you gained from today?***

Topics covered in Hart Algebra I, Algebra II, etc.

EAP discussion; looking and comparing curriculum.

Hart curriculum alignment.

Seeing the connections between COC math courses and the new common core materials for Hart District.

***What did not get covered to satisfaction?***

Understanding what is covered in the Engage NY curriculum.

Need a list of actual topics (Hart Algebra I, Algebra II, etc.).

All was great.

Algebra II curriculum.

Information on COC courses.

Nothing.

***What would you like us to include at the next meeting?***

Need a list of actual topics (Hart Algebra I, Algebra II, etc.).

Align curriculum and talk about Math FIG results.

Algebra II curriculum.

***What additional information do you need (such as data, resources, tools, etc.)?***

Need a list of actual topics (Hart Algebra I, Algebra II, etc.).

I would like to see a list of math courses at COC and what topics are taught in those classes.

**Please rate your level of satisfaction with today's work.**

Very Satisfied  
7

Satisfied  
0

Dissatisfied  
0

Very Dissatisfied  
0

**Other comments:**

Great! Loved having the folks from Hart District who came. A lot of knowledge was shared today (on both sides).