

Common Assessment Initiative: Multiple Measures Assessment Project

Background

The Multiple Measures Assessment Project (MMAP) is an extension of the STEPS project, and is a collaborative effort led by Cal-PASS Plus, and the RP Group, with support from the California Community Colleges Chancellor's Office. Under the new AB743 Common Assessment Initiative (CAI), the CAI steering committee will leverage the work of MMAP to create a comprehensive, web-based platform for a common assessment in English, Math, and ESL. The platform will include tools based on multiple measures to support faculty and staff in the effective assessment and placement of students. The MMAP will result in the development of a longitudinal data warehouse, a comprehensive analytical model, and fully-developed user tools to support college-level analysis of multiple measures for assessment and student placement.

The Multiple Measures Assessment Project has three primary objectives:

1. Develop a secure, large and robust longitudinal data warehouse to collect, store and analyze multiple measures which will include high school transcript and test data, as well as MIS and placement test data for each community college.
2. Identify, analyze and validate known multiple measures data points, drawing directly from research obtained through the STEPS pilot, and leverage predictive analytic software to identify new data points that can serve as effective multiple measures.
3. Engage pilot colleges throughout the process to assist in the development of the analytic tools and user interface, and to test the tools and models using local college data supplied through the data warehouse.

Pilot College Participation

The MMAP research team is engaged with approximately 14 pilot colleges from across the state, who have agreed to provide feedback on the predictive models and the user tools to help inform the process. Once the MMAP longitudinal data warehouse is complete, it will be made available to pilot colleges through analytic tools and downloadable data. Participating pilot colleges will be asked to provide feedback on the results of the analysis, and to test the interactive analytic tools. In addition, pilot colleges are expected to organize teams or task groups around developing internal capacity for implementing multiple measures in assessment and placement in order to discuss the following considerations:

- Logistics and systems for fully implementing multiple measures
- Placement protocols, and use of multiple measures
- Validation of the multiple measures

Pilot colleges will begin testing the multiple measures tools and applications in Spring 2015, and may begin developing plans for implementing multiple measures beginning Fall 2015.

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Planning for Multiple Measures

A districtwide MMAP work group will form to examine the statewide MMAP model, and plan for the Common Assessment Initiative. The goals of the MMAP work group will be to:

1. Determine whether MMAP results from the pilot are viable for SDCCD students, and if so;
 - a. Evaluate the local impact of the multiple measures criteria
 - b. Develop the predictive criteria matrix for placement.
 - c. Identify resources that will be needed to implement the MMAP model.
 - d. Develop a districtwide plan for implementing the MMAP model.
 - e. Participate in statewide pilot of multiple measure placement protocol in fall 2015

MMAP Work Group will comprise one to two math, and English faculty from each of the credit colleges, as well as a counselor, the assessment coordinator, the researcher from each college, and a District researcher. The Work Group will be chaired by the District Director of Institutional Research and Planning. The Work Group will report to the District Student Services Council.

Timeline

February: Kick off meeting and orientation

March: Review MMAP pilot data

April: Evaluate impact of using multiple measures, and develop preliminary predictive criteria matrix for placement

May: Identify resources needs and develop implementation plan for Fall 2015 placement

Webinars and Symposiums

February 23, 11 am - Basics of the model and how to use it (webinar)

March 18 9-5 – Multiple measures best practice symposium at Long Beach City College

March 23, 1 pm – How to implement the model (webinar)

April 13, 1 pm – How to implement a research plan (webinar)

April 22, 11 am – Multiple measures examples (webinar)

May 6, 11 am – Completion of a local implementation plan (webinar)