Emilie Hancock* (emilie.hancock@cwu.edu), Spencer Bagley, Lorraine Franco and Gulden Karakok. A Holistic Approach to Supporting Student-centered Pedagogy: Navigating Co-requisite Calculus I.

As calculus instruction moves further from traditional practice toward student-centered pedagogy, support services must align with the changing goals for the course. This talk describes the work of a department as they collectively design and redesign a co-requisite Calculus I course, in an effort to better promote students’ academic and social integration into active, inquiry-based calculus classrooms. We highlight the inclusion of more cognitively demanding and group-worthy tasks, re-negotiation of support for procedures and fundamental concepts, and promotion of collaborative participation. Our discussion is supplemented with reflections from faculty, graduate student instructors, and students. (Received September 11, 2019)