

**The Treatment of Composition the Secondary and Early College Mathematics Curriculum**  
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*While many studies have focused on student knowledge of function, few studies have focused on composition. This report describes a curriculum analysis of the treatment of composition in the secondary (algebra, geometry, algebra 2, precalculus) and early college (precalculus, calculus) mathematics curriculum. In this study composition is conceptualized as a sequence of functions and as a binary operation on functions. The curriculum analysis utilizes a framework of conceptual, procedural, and conventional knowledge elements as well as representations and types of functions. Preliminary data will be presented during the session and a discussion will center on conceptual, procedural, and conventional knowledge elements for composition.*

**Keywords:** composition, curriculum analysis, conceptual and procedural knowledge, representations