The data model within Campus Management to support External Organizations (High Schools, Community/Junior Colleges, Senior Colleges and Universities) is very flexible. This data model supports the concept of inheritance (objects connected at higher EO’s are available to lower EO’s for their use). Objects that are connected to EO’s are Subjects (courses) and External Qualifications (either specific degrees like BBA, BA, BS, or degree types like Bachelors, Masters, Associates). In an effort to make our implementation of EO’s as efficient as possible, we propose connecting subjects and external qualifications at the highest level EO possible (see below).

The model proposed above gives the University the ability to record the CPC (College Preparatory Curriculum) at the highest level EO, and can be used by any lower level EO. Also, with this model, we are able to generate reports by all high schools, high schools by state, or high schools by country.)
For Postsecondary Institutions we propose the following

EO – All Postsecondary schools

EO – United States Postsecondary Schools

EO – Mississippi Postsecondary Schools

EO – Mississippi Community Colleges

EO – Northwest Community College

EO – Northeast Community College

EO – Mississippi Senior Colleges and Universities

EO – Mississippi State University

EO – University of Southern Mississippi

EQ – Associates Degree

SU – Engl 1111 – English Composition I

SU – Math 1121 – College Algebra

EQ – Bachelor’s Degree

EQ – Masters Degree

SU – Math 1131 – College Algebra

SU – Math 1111 – College Algebra

This structure will allow us to connect subjects and degrees at the highest level possible within the structure. Additionally, we can support many levels of articulation agreements for equivalency determination. This structure can be repeated for other states and countries.