Coordination can make or break a job. The act of coordination and the millions of pieces that go into a single project can directly affect both the schedule and budget of a construction project. Coordination is not a single part of the job, it is an on-going process that continuously involves all entities of the project. The importance of coordination and what it entails is not yet captured in the Cal Poly Construction Management curriculum. The purpose of this project would be to capture that importance and continue to build upon it to better prepare Cal Poly Builders for the construction world. To capture the idea of coordination, a “lab”, or lesson, will be implemented into the Construction Management Lab of CM 413. This lesson will teach the importance of coordination through real life experience and stories and demonstrate the act of coordination with the implementation of the BIM coordination product, Navisworks. The lesson will be followed by an assignment, in which the students of CM 413 will undergo the coordination process by finding “clashes” in a model and explaining the effect of these “clashes”, how they affect cost and time, and how to fix them. The overall goals and takeaways from this Lab would be to know what coordination entails, the work that goes into, the communication required for it and how it can be a corner stone in today’s Construction Industry.

**Key Words:** Construction Coordination, BIM Coordination, Navisworks, Cal Poly, Curriculum

How the Project Came About

In my past internships I have worked with both General Contractors as well as on the subcontracting side. In my experience, Coordination of a jobsite has been the biggest issue facing all parties of a project. I have seen both the proper way of coordinating a jobsite and what it does for the jobsite as well as the wrong way of coordinating a jobsite and the detriments it brings.