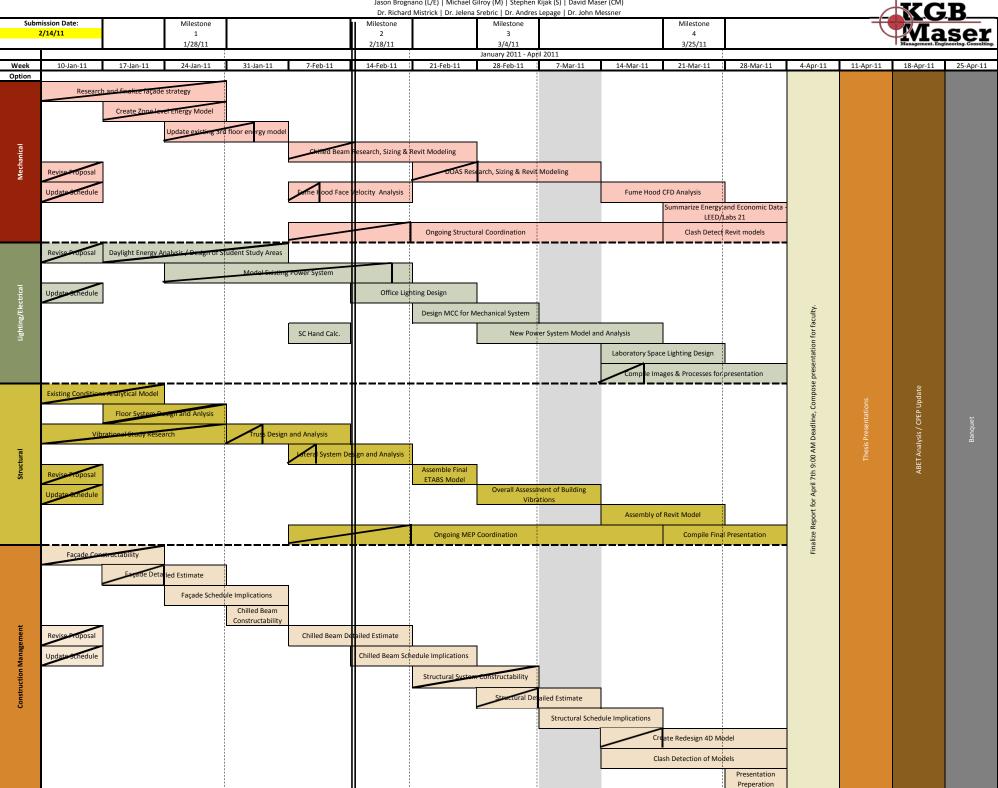
= Finished Activity

[Updated IPD/BIM Spring Semester Schedule]

Jason Brognano (L/E) | Michael Gilroy (M) | Stephen Kijak (S) | David Maser (CM) Dr. Richard Mistrick | Dr. Jelena Srebric | Dr. Andres Lepage | Dr. John Messner Jason Br



Milestone Activity List

1. January 29, 2011

 $Mechanical\ \ Finalize\ façade\ alterations\ after\ options\ evaluated\ for\ cost,\ construct ability,\ and\ energy\ impacts$

Lighting Lighting design completed for student study area, 2 orientations, shading delivery complete, list of components and initial model of third floor SKM model. $Structural\ Floor\ System\ designed\ in\ compliance\ with\ vibrational\ constraints\ and\ gravity\ loads$

Construction Detailed estimate of the changes to the façade system of Millennium Science Complex; Schedule Implications will be investigated.

2. February 18, 2011

Mechanical Complete fume hood face velocity flow analysis (duct size and amount of exhaust CFM needed for each fume hood) and have available for electrical coordination. Estimate duct sizing to chilled beams for early structural coordination Lighting Complete SKM model of existing third floor system, short circuit hand calculation complete, lighting design and shading for office space in two orientations complete. Structural Lateral System design complete; Revit structure model is partially constructed with floor system and trusses in place

Construction Chilled beam detailed estimate of the changes to the mechanical system; Schedule implications will be investigated.

3. March 5, 2011

Mechanical Completed chilled layout on the 3rd floor spaces where applicable. Complete design of VAV systems where applicable.

Lighting Complete office electrical design, complete motor control center design, list of components and initial SKM model of system changes in the third floor distribution. Structural Final ETABS model completely assembled and ready for final analysis; Vibrational analysis of entire structure begun

Construction Structural system constructability and crane review will be completed and detailed take offs of the structural system will be completed for the estimate.

4. March 25, 2011

 $Mechanical\ Complete\ CFD\ analysis\ of\ fume\ hoods\ for\ proof\ of\ operator\ safety.\ Complete\ 3rd\ floor\ structural\ coorindation\ in\ Revit.$

Lighting SKM analysis results complete, complete lighting and electrical design of laboratory space.

Structural Revit structure model completely assembled; Final report started with all necessary material ready to be compiled

Construction 4D model of design changes and clash detection of redesign 3D models will be taking place and design of the presentation will begin