

George Washington University School of Business and Public Management



Thesis Proposal – Breadth Topic

All Penn State Architectural Engineers are trained to be well rounded engineers and display knowledge in all aspects, not just their discipline. My breadth topics are going to involve studies in the construction management and mechanical options. Studies in my lighting design will involve the integration of daylight into my building, and will bring the possibility of cash saving. The construction management breadth will help to determine the cost payback of a day lighting system and the money saved with the use of the system. My mechanical breadth will examine the affect that emergency power will have on the system and the different affects the emergency system will have on the mechanical systems.