There are noticeable inefficiencies in the current system used for creating the class schedule, this arises from a lack of centralizing information on a single system. There are a number of rules that can be easily implemented and enforced helping to avoid any possible errors. Much of the work will be focused around centralizing and optimizing the input of data into a new system in order to decrease the amount of time spent creating a draft course schedule.

* Client needs
* Point out problems
* Solutions to every problem
* Extra work beyond the client’s needs

Client, David Bender, has requested improvements on the current scheduling system used for Pennsylvania State Berks Campus. Essentially the client wants to have a smooth running system in which he can then create a schedule within reasonable time with minimal errors. Based on the client’s description, the current system runs adequately, but it can run better. Going through the process:

1. Client receives emails from teaching staff about their preferences for days, times, and courses they would like to teach
2. Client then compiles all of the staff preferential data
3. Drafts schedule based on recommended academic plans and information from schedules made in previous years and other scheduling priorities
4. Assigns courses and sections to teaching staff according to preferential data
5. Send draft schedule to teaching staff to check for errors in scheduling which are then sent back
6. Revisions are made and sent out for any more errors

(Steps 5 and 6 will repeat until all errors are resolved)