**Timeline of Increments/Components**

1. Create a user base class with derived student, instructor, and admin classes. Include get/set and print functions for each class. Include attributes necessary for each class: (1 week)
   1. User – First and last name, WIT ID
   2. Student – major, minor, etc.
   3. Instructor – department etc.
   4. Admin – password, etc.
2. Add functions for Student class and test (1 week)
   1. Search Courses
   2. Add/Drop Courses
   3. Print their schedule
3. Add functions for Instructor class and test (1 week)
   1. Print their schedule
   2. Print their class list
   3. Search for courses
4. Add functions for Admin class and test (1 week)
   1. Add courses to system
   2. Remove courses from the system
   3. Add/remove users
   4. Add/remove students from a course
   5. Search and print rosters and courses
5. Program main function to run like System desired (1-2 Weeks)
   1. Integrate all classes
   2. Ask what type of user
   3. If Admin
      1. Ask admin for password
      2. Give a list of functions available to admin and allow user to choose. Run desired function and give back result to user
   4. If student
      1. Give list of functions available to student and allow student to choose. Run the desired function and give back result to user
   5. If instructor
      1. Give list of functions available to instructor and allow them to choose. Run the desired function and give result to user
   6. Ask the user if they would like to repeat anything or run another function
6. Put all files together and integrate into one project (1 week)
7. Run, debug, and edit until desired results achieved and all systems are functional (1-2 weeks)