Jerome Gifford SVSU Course Planner Diagram/Pseudocode

1. On check of degree display the list of required CS/CIS classes for that major in the selection box of Taken courses.
   1. Load array of options and have an IF statement to determine what degree is selected
   2. Display options
2. On click of Show Needed button display the list of required CS/CIS classes for that major minus the selected items in the Taken courses box.
   1. Load into an array the selected options from the taken list.
   2. Filter the array of courses required with the array of courses already taken
   3. Display the results of the filter as courses still needed.
3. On click of Show Needed button display all of the available CS/CIS classes for that major from SVSU API Call
   1. Use the SVSU API and get all available courses for the Winter 2017
   2. Display courses as Available courses
4. On click of Show Needed button display all of the unavailable CS/CIS classes for that major by subtracted the classes from the required list from the Available classes.
   1. Use the SVSU API and get all available courses for the Winter 2017
   2. Take the courses required list and filter the Available courses.
   3. Take the remain courses in the required list and display as Unavaliable.