**Class Scheduling Logic Diagram**

Given Course Number and Number of Days to be Scheduled

Schedule sections in next subsequent day

Preferably, 1 day gap in between class days

Fill up days of the week horizontally for the first course section

Schedule longest hour day first

Divide Total Hours by number of days to be scheduled to get the class length per day(s)

Calculate Total Weekly Course Hours

No

Yes

Restart from Scheduling Class Section Day Horizontally

Are there more than 1 days to schedule?

Move to next day of the week

Move to Next Available Room in Same Building

Course Scheduling Done

Yes

Are there more than 1 days to schedule?

No

Schedule class right after last registered class’s end time

Yes

Then schedule next course section vertically

No

Yes

Is the current day Sunday?

No

Is there only 1 hour left in the day?

No

Interference with Club Hours?

Class Baseline: Based on when last day of last registered class was scheduled

Yes