

## Curriculum modification instructions

Adjustment of prerequisite information and selection of the subset of events to display from TSharp is accomplished through altering the curriculum.json file. This file can be opened with any standard text editor such as notepad.exe.

The syllabus version is a string that can be adjusted whenever necessary to reflect the current syllabus release version. Should events sought to be waived or unwaived, they can be removed or added to the curriculum file as needed.

The curriculum file works as set of events with prerequisite information that is cross-checked with the exported TSharp excel sheet to display matching events. This, in turn, eliminates display of student-driven events such as CAIs. Thus, only a select number of events, normally flights, sims, and certain ground classes, are tracked through this program.

Any TSharp event can be displayed through this program by adding it to the curriculum.json file. Prerequisite information is necessary to accurately deliver scheduling information accessible by clicking on the student's name, listing eligible events to be scheduled for. Events can only be added to the curriculum file if they exist in TSharp with the same name. Take note of important naming conventions, for example, AERO courses are listed in TSharp with the abbreviation of AER not AERO. Thus, listing AERO01901I as a prerequisite will produce an error, as the actual event name in TSharp is AER0101I.

If an event has no prerequisites, list null, with no quotation marks, as the prerequisite data. This will result in the program listing that event as eligible for all students who have not completed it.

Follow the format of other events to add them; noting placement of colons, brackets, quotation marks, and commas. The order of which events are listed in the curriculum.json is irrelevant and can be listed in any method resulting in the same functionality.

Namely, each event should be in the following format:

```
{"Name": "COURSE_NAME",  
  "Prerequisites": ["EVENT1", "EVENT2"]},
```

Adding a prerequisite would involve changing to the following:

```
{"Name": "COURSE_NAME",  
  "Prerequisites": ["EVENT1", "EVENT2", "EVENT3"]},
```

Deleting an event would result in erasing the entire two lines of data associated with the event.

Should an event be waived from the curriculum, ensure the event is deleted and also search the file for any listings of that event as prerequisite and ensure it is cleared from the prerequisite lists of all events as well. Failure to remove an event as a prerequisite while deleting the event data itself will result in an error.

No event can be listed as a prerequisite without also adding that event and listing its prerequisites as well.

The program must be restarted upon modification of the curriculum file.