

## Running the Conflict Matrix Book (and Conflict Matrix Grid)

This report provides a count of how many students have requested any two courses in the Course Catalog. It is used to determine which courses should not have section scheduled to meet at the same time due to scheduling conflicts.

The **Conflict Matrix Book** shows each course as a heading, with all courses that have conflicts and the number of conflicts per course listed below.

The **Conflict Matrix Grid** shows every course along the horizontal and vertical axes of a grid, with the number of conflicts at the intersections in the grid.

### Step 1 – Navigate to Conflict Matrix (book/grid)

- Click on Menu | Scheduling | Student Schedules | Pre-Scheduler Reports | **Conflict Matrix (book/grid)** OR  
Type “Conflict” in the Quick Search bar and select **Conflict Matrix (book/grid)**

### Step 2 – Enter Criteria

- The report is generally run for Singletons and/or Doubletons. The following prompt and filter selections are commonly used

Conflict Matrix

**Prompts**

Building\* 2064 - New Market Middle School Conflict Threshold 2

Matrix Type Book Student Alternate Requests

Scheduling Interval\* Y - Yearly Student Course Alternate Requests

Singletons Or Doubletons\* Singletons and Doubletons Log Statistics

**Filter**

Actions	AND/OR	#	Area	Field Name	Condition	Value
		1	Course Catalog	Conflict Matrix	is in	S - Singletons D - Doubletons
	AND	2				

**Sort**

Actions	#	Area	Field Name	Sort Order
	1			

- **Matrix Type** – Select Book or Grid
- **Singletons or Doubletons** - Select ALL, Doubletons Only, Singletons and Doubletons or Singletons Only
- **Conflict Threshold** – Select conflict of your choosing. In the example above, if at least 2 students taking Course A are also taking Course B, then this will show as a conflict for these two courses. When running the report for ALL courses, a higher threshold is normally used (perhaps 5 to 10)

Note: The **Conflict Matrix Grid** report is run in the same way, although there is no **Conflict threshold** option, so this report should never be run for ALL courses, or the grid report would be enormous. Run the report for Singletons and/or Doubletons only.

Step 3 – Open Reports

- Click on the Tasks/Reports dropdown to retrieve your report
- The report will be titled **Conflict Matrix Book or Conflict Matrix Grid**



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**Conflict Matrix Book**  
3077 - Tuscarora High School

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Course	Description	Conflict	Course	Description	Conflict
<b>133310</b>	<b>FILM STUDY</b>				
134250	CREATIVE WRITING	3	134371	AP ENGLISH LIT & COMP	14
164030	PSYCHOLOGY	10	164051	AP GOV & POLITICS:US	4
164161	AP HUMAN GEOGRAPHY	5	192401	ENV/SCI SOCIET ISSUES	4
193511	AP ENVIRONMENTAL SCI	5	193901	EARTH SYS SC RESEARCH H 4	

- To Print, click on Printer icon



- To Save, click on Save icon



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**Conflict Matrix Grid**  
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	FILM STUDY (133310)	MODERN ISSUES (136110)	READ WR WORKSHOP 1 (137200)	PSYCHOLOGY (164030)	AP SEMINAR HISTORY (164140)	AP US HISTORY (164141)	ALG BASED PHYSICS H (191901)	ENV/SCI SOCIET ISSUES (192401)	AP ENVIRONMENTAL SCI (193511)	PHYSICS 1 HONORS (194301)	AP CHEMISTRY 1 INT (196051)	AP CHEMISTRY 2 INT (196061)	COMMON CORE ALG 2 H (23211C)	AP STATISTICS (232281)
FILM STUDY(133310)				10				4	5	3	1	1	2	
MODERN ISSUES(136110)														
READ WR WORKSHOP 1(137200)														
PSYCHOLOGY(164030)	10							5	2	2	1	1	14	
AP SEMINAR HISTORY(164140)														