



Exploding Courses

Features and Functions

Release 8.0



"The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn."

Alvin Toffler

The purpose of **Exploding Courses (After Simulation)** is to group students together in multiple classes. The students will travel together from one class to the next as a group.

Create a 'Host' course ('dummy' course code) to hold all subordinate courses (the 'true' course codes) together.

In Course Maintenance:

1. Add a Host course. You may need to add a digit to the end of an existing course code.
2. Add each of the 'true' courses.
3. Query for the Host course. Go to the **'More'** screen using the button at the bottom of Course Maintenance. In the Exploding Courses block, select each of the subordinate courses that the Host will eventually explode to.
Note: you cannot 'explode' an exploding course; e.g. a subordinate course cannot be a 'Host' in another record.
4. The 'Create Schedule' and 'Sem/Term' columns may be used in certain situations. The purpose of 'Create Schedule' and 'Sem/Term' is to aide in the creation of the section records in the Master Timetable. The Host course sections will have been scheduled to certain periods. Matching section records of the subordinate courses are required to keep the students together in each class. These section records can be created automatically by a function in MTB called 'Explode Schedule'. This function can only be used when the subordinate courses are to be placed in a specific sequence across the period held by the Host course. The section records may have to be created manually when other conditions occur. See below for certain scenarios.

Scenario	Use 'Create Schedule' and 'Sem/Term'
Students attend a class all year, but the school wishes to give final grade at each semester. In this case, a host course is created as the overall Full Year course and each Semester course is attached as subordinate courses. (This same scenario applies when a Full Semester course is set to explode to multiple Term courses.)	Yes – list the sequence of the semester classes. These classes will always be taken in this order.
Students take two or more of their classes together; e.g. LA/SS or MA/SC. Again, a Host course is required to group all courses that are to be linked.	No – when multiple courses may be scheduled in multiple periods, Create Schedule functionality cannot be used. The Host course will be set to hold the multiple periods required to explode to the individual courses and periods. The section records for the subordinate courses will have to be created manually.
Students take a series of courses in a 'Wheel' or 'Rotation' across a period and remain together through each part; e.g. Music/Drama/Tech/Comp.	No – in this situation, normally one group of students will begin in Music, another in Drama, another in Tech, etc. In this case, the order of the classes is different for each section

	created; therefore 'Create Schedule' cannot be used.
Students attend a class all year, but the school wishes to give final grade at each term. This particular school has full year, semester and term courses. The Host course (Full Year) will explode to a series of term courses (not semester courses).	No – cannot use Create Schedule if Full Year course explodes to Terms as unable to list the correct sequence of subordinate courses. The column Sem/Term is to list a semester OR a term, not both. In this situation, we would need to identify both a semester and term to correctly identify the sequence of the term courses.

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