



**Student Information Systems**

# Course Relationships for Scheduling

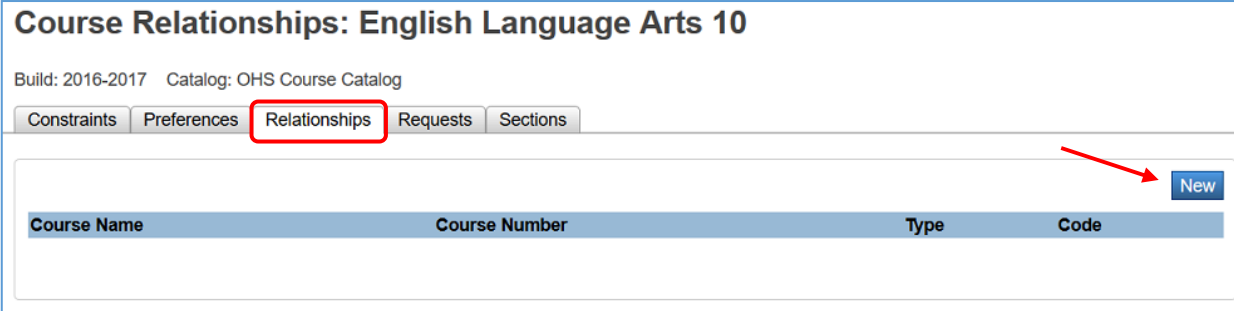
Revision Date: February 8, 2016

### 1.0 Course Relationship Setup

- The **Course Relationships** page is used to set up relationships to fill specific requirements that must be met when building a master schedule and loading students into that schedule.
- If you define a relationship for a course with another course, you do not have to define the relationship for both courses. However, you can define the relationship for both courses so that it is easy to identify this relationship regardless of which course you are viewing.

#### 1.1 Course Relationship Page

1. On the start page, choose **PowerScheduler**.
2. Navigate to Start Page > PowerScheduler > Courses.
3. Select a **Course**.
4. Click the **Relationships** tab.



**Course Relationships: English Language Arts 10**

Build: 2016-2017 Catalog: OHS Course Catalog

Constraints Preferences **Relationships** Requests Sections

New

Course Name	Course Number	Type	Code
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5. Click **New**.
6. The **Edit Course Relationship** page is displayed.

1.2 Data Elements

1. The **Course Relationship** setup requests three data elements.

**Edit Course Relationship:**

Option	Value
Course Number	<input type="text"/> Associate
Relationship Type	English Language Arts 10 Is Blocked for Building With (the above-selected course)
Relationship Code	<input type="text"/>

a. **Course Number**  
The associated course to relate.

b. **Relationship Type**

Relationship Type

- Is Blocked for Building With
- Is Blocked for Building With
- May Be Built Concurrent With
- Has a Load Coreq of
- Has a Load Postreq of
- Has a Load Prereq of
- Must Not Load Coreq With
- Must Load Distinct (no term overlap) With
- Must Load the Term After
- Must Load the Term Before

c. **Relationship Code**  
The **Relationship Type** “**Is Blocked For Building With**” requires selection of a **Relationship Code**. **Do not** select a Relationship Code for other Relationship Types.

Relationship Code

- Simultaneous
- Before or After
- Before
- After
- Different Terms
- Combine Into
- Opposite Days
- Section

## 2.0 Course Relationships

- Use the following information to assist with defining appropriate **Course Relationship** settings.

Relationship Type	Relationship Code	Purpose	Scenario	Used by Build	Used by Load
Is Blocked for Building With	Simultaneous	Two courses must be taught at the same time; can be two different teachers; can be a different number of sections	One teacher teaches two subjects at the same time. (Either Block Combine or Block Simultaneous with a Concurrent)	Yes	No
	Combine	Two courses taught at the same time with the same teacher; course setup on both courses must be identical		Yes	No
	Different Terms	Two courses scheduled in same period, different terms, same students, same teacher for each section	There is a 2 semester course sequence for the students and the students must stay with the same students on the same period on both semesters with the same teacher. (Block Term)	Yes	Yes
	Before/After	Two courses scheduled in consecutive periods	Two courses must run back to back in the day, meaning consecutive periods. (Block Before or After)	Yes	Yes
	Opposite Days	Two courses scheduled in same period, opposite days	Two courses need to be built on opposite days during the same period. (Block Opposite Days)	Yes	Yes
	Section	Two courses in same term, same students	Students are taking 2 courses during the same term and the school wants the students to travel together through both sections. (Block Section)	Yes	Yes
May be Built Concurrent With	N/A	Two courses taught by same teacher can be at the same time; use with a Block Simultaneous for 1 teacher who must teach two courses at one time (2 relationships)	Teacher has a combined assignment of Spanish III and Spanish IV during the same period.	Yes	No

## Course Relationships for Scheduling

Relationship Type	Relationship Code	Purpose	Scenario	Used by Build	Used by Load
Has a Load Coreq of	N/A	The associated course must appear in the same term in the student's schedule as the course where you are putting the relationship	Students sign up for 2 courses that must be taken in the same semester, but not in the same period. (Coreq)	No	Yes
Has a Load Postreq of	N/A	The associated course must appear in a subsequent term in the student's schedule	Students have signed up for 2 courses that must be taken in sequence and offerings of both classes are running during both terms. Not all students sign up for both classes but those that do cannot get them in the wrong order. (Prereq)	No	Yes
Has a Load Prereq of	N/A	The associated course must appear in a prior term in the student's schedule		No	Yes
Must not Load Coreq With	N/A	The associated course must not appear in the same term in the student's schedule as the course where you are putting the relationship	Students sign up for 2 courses that cannot be in the same term but it does not matter which comes first. (Not Coreq)	No	Yes
Must Load Distinct (no term overlap) With	N/A	The associated course must not appear in any overlapping term in the student's schedule as the course where you are putting the relationship	Students are taking a course in S1. They cannot take the related course in Q2.	No	Yes
Must Load the Term After	N/A	The associated course must appear in the next term in the student's schedule as the course where you are putting the relationship (Q1,Q2) (Q2,Q3) (T1,T2),etc	Students enrolled in course A must take course B the following term.	No	Yes
Must Load the Term Before	N/A	The associated course must appear in the term before in the student's schedule as the course where you are putting the relationship	Students enrolled in course B must take course A the preceding term.	No	Yes

### 2.1 Populate Data Elements

#### 1. Course Number

- a. Click on **Associate** to select a course to relate.

Make a selection

BEBUB1200	Intro to Account 120	^
BEBUC1200	Bus Org and Man 120	
BEBUE1100	Entrepreneurship 110	
BEBUH1204	Marketing 120	
BEBUJ1102	Tourism 110	
EELAA1200	Cdn Literature 120	
EELAB0090	English Language Arts 9	
EELAB0100	English Language Arts 10	
EELAB1110	English Language Arts 111	
EELAB1120	English Language Arts 112	
EELAB1130	English Language Arts 113	
EELAB1210	English Language Arts 121	
EELAB1220	English Language Arts 122	
EELAB1230	English Language Arts 123	
EELAE1200	Journalism 120	
EELAF1200	Media Studies 120	
EELAG1100	Writing 110	
EELAJ1204	Lit Graph Novel 120	
EELIA1200	Reading Tutor 120	v

Submit

- b. Click **Submit**.
2. Designate a **Relationship Type**.
3. If the **Relationship Type** is **Blocked For Building With**, select a **Relationship Code**.
4. Click **Submit**.