

## Helpful Queries for Scheduling

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### Teacher

1. To Print a Teacher Schedule (in MASS Scheduling):  
**PRINT ASMS BegPeriod EndPeriod TermCode SectionID CrsTitle TotStus[0] Room \ TchNum TchName SORT TchNum TermCode BegPeriod SectionID**
2. To Print a Teacher Schedule (in BASIC Scheduling):  
**PRINT AMST BegPeriod EndPeriod TermCode SectionID CrsTitle TotStus[0] Room \ TchNum TchName SORT TchNum TermCode BegPeriod SectionID**  
*The single backslash ( \ ) is giving a line break, making this an office copy of teacher schedules.  
If you want to give teachers individual copies of their schedules, put in a double backslash ( \ \ ).*

### Course

3. To Inactivate Courses that a school is not using: (using a Drag and Drop Atom (D/D)).  
**CHANGE ACRS Status = "I" IF Course = %0**  
(After saving this statement, simply highlight any course or courses, drag and drop them onto the D/D atom).

### Mass Scheduling

4. To display Course Requests with one page per student:  
**PRINT ASSS ASTU ACRS \ \ PermNum LastName FirstName CrsReq Title**
5. To Increase the Max Class size by one for selected sections:  
**CHANGE AMST MaxClassSz = {MaxClassSz + 1} IF ClassLink = %0**  
After saving this statement, simply highlight any course section or sections, drag and drop them onto the D/D atom.
6. List of students and the sections they are scheduled into in scheduling  
**Display ASTU ASSS ASMS \ PermNum LastName FirstName SectionID CrsTitle BegPeriod TermCode Sort LastName FirstName BegPeriod**  
**Note:** "ClassLink" must be pulled up to the 3<sup>rd</sup> column (ASMS) to have the query statement to display correctly. The "\ " inserts a line break separation after each different PermNum.
7. To display a list of students who have two course requests in common:  
**DISPLAY ASTU ASSS LastName FirstName Grade IF CrsReq IN [0558,0708] AND \$COUNT =2**
8. To print out Student Course Requests with a **total of credits** requested for each student:  
**PRINT ASTU ASSS ACRS \ PermNum LastName FirstName Grade CrsReq Title \$ CredValue SORT Grade LastName**
9. To lock student schedules for a certain grade level in Scheduling Sections of Mass Scheduling:  
**CHANGE ASSS ASTU PreClsLink = ClassLink IF Grade =09**
10. To pre-schedule sections for a specific period.  
**Change ASSS ASMS PreClsLink = 1,ClassLink if BegPeriod = ??**  
(Replace the ?? with the appropriate period. **Note:** The BegPeriod comes from the ASMS column.)
11. To display a Reverse Verification (Course Request List) for specific courses:  
**DISPLAY ASTU ASSS LastName FirstName Grade IF CrsReq IN [0207, 0505, 0406]**
12. To get a list of students with more than "n" course requests  
**DISPLAY ASTU ASSS LastName FirstName PermNum uf Grade IF \$count > "XX" SORT Grade LastName FirstName** (Substitute a number for "XX" above.)

13. To Show Inactive students with Course Requests:

**DISPLAY ASTU ASSS 1,Status LastName FirstName PermNum of 1,StuLink IF 1,Status <>" " AND CrsReq <> " "**

*Be sure to click the box "Show Inactive Records" before running this query.*

*Identify students so it becomes easy to look them up and delete their course request*

14. To print the total number of students for all sections for specific teachers:

**PRINT ASMS SectionID BegPeriod Course CrsTitle \$ TotStus[0] \ TchNum TchName Sort TchNum BegPeriod IF TchNum in [6, 9]**

0667-01	01	0667	Tennis	5	6 Arcs
0708-03	02	0708	World Hist (H)	13	6 Arcs
0708-02	06	0708	World Hist (H)	14	6 Arcs
0601-04	07	0601	Team Sports	21	6 Arcs
0708-01	08	0708	World Hist (H)	14	6 Arcs
				= 68	
0481-01	01	0481	German I	11	9 Baye
0483-01	02	0483	German III	2	9 Baye
0482-01	03	0482	German II	6	9 Baye
0500-03	04	0500	Math A	9	9 Baye
0486-01	06	0486	AP German (H)	4	9 Baye
0500-02	08	0500	Math A	9	9 Baye
				= 41	

*The "\ " inserts a line break after each different teacher number. The "\$" will total the number of total students for each teacher at the line break. The [0] indicates to include only the first occurrence of the total students. The phrase "in [ ]" states the range the data must fall within. This query must be PRINTED for the "\$" to work.*

15. To list all sections that meet on "A" day of a 2-day rotation:

**Display ASMS SectionID Course TermCode SplitBeg[0] SplitBeg[1] if SplitBeg[0] <> " " and SplitBeg[1] = " "**

16. List of students who are not scheduled into a specific period.

**Skip ASTU ASSS ASMS if BegPeriod = 01**

*Note: This system filter will skip all students who are scheduled into this period.*

**Display ASTU LastName FirstName**

*Note: This query will list all students who are not scheduled into this period.*

17. Change the low and high period range to be the same for the entire school.

**Change ASTU LowPeriod = 00**

**Change ASTU HighPeriod = 08** *(Use the High Period available for your school)*

## Basic Scheduling

18. To get a list of students who have more than one class in a given period:

**DISPLAY ASTU ACLS AMST LastName FirstName PermNum TermCode SectionID BegPeriod IF (TermCode = "S1" OR TermCode = "YR") AND BegPeriod = "04" AND \$count > "1"**

*(Change the TermCode value and the BegPeriod value to do other terms and/or periods)*

19. To Print Student Schedules with a 5-day cycle and page break:

**PRINT ASTU ACLS AMST LastName FirstName \ PermNum TermCode { Mon = SplitBeg [0]} { Tue = SplitBeg [1]} {Wed = SplitBeg [2]} {Thu = SplitBeg [3]} {Fri = SplitBeg [4]} CrsTitle TchName Room SORT LastName FirstName BegPeriod TermCode**

20. To Print Student Schedules with a 5-day cycle and line break:

**PRINT ASTU ACLS AMST LastName FirstName \ PermNum TermCode { Mon = SplitBeg [0]} { Tue = SplitBeg [1]} {Wed = SplitBeg [2]} {Thu = SplitBeg [3]} {Fri = SplitBeg [4]} CrsTitle TchName Room SORT LastName FirstName BegPeriod TermCode**

*The above queries could be easily altered to accommodate other day cycle patterns. Also the sort could be changed as needed.*

21. To Print Student Schedules by BegPeriod (no cycle days) with line break:  
**PRINT ASTU ACLS AMST LastName FirstName \ PermNum TermCode BegPeriod CrsTitle TchName Room**  
**SORT LastName FirstName BegPeriod TermCode**

22. To Print Student Schedules by BegPeriod (no cycle days) with page break:  
**PRINT ASTU ACLS AMST LastName FirstName \\ PermNum TermCode BegPeriod CrsTitle TchName Room**  
**SORT LastName FirstName BegPeriod TermCode**

23. To increase the Maximum Class Size for all sections by 5:  
**CHANGE AMST MaxClassSz = {MaxClassSz + 5}**

24. To populate the meeting days in a non-rotating schedule after you have moved to Basic Scheduling.  
**CHANGE AMST SplitBeg = BegPeriod**  
**CHANGE AMST SplitEnd = EndPeriod**

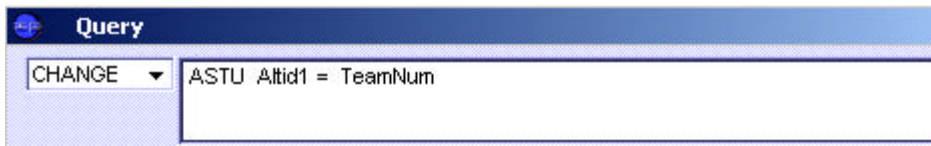
25. To Increase the Max Class size by one for selected sections:  
**CHANGE AMST MaxClassSz = {MaxClassSz + 1} IF ClassLink = %0**  
*After saving this statement, simply highlight any course section or sections, drag and drop them onto the D/D atom.*

26. Queries for Team Field for Students

**Remember: Change to the new school year....GREEN SCREENS!**

A. *The following Query will move students from one Grade Level set of teams to the next level.*

- As a safety precaution, before doing any of the query changes described below, use this query to store the current team number in the Alt ID (Student Atom → page 3) field as a reference.
- **CHANGE ASTU Altid1 = TeamNum**



- To clear out any team numbers which rolled over from last year but will be **randomly assigned** to a new team this year.  
**CHANGE ASTU TeamNum = " "** (if this is for a certain Grade Level you may want to add *if Grade = ??*)

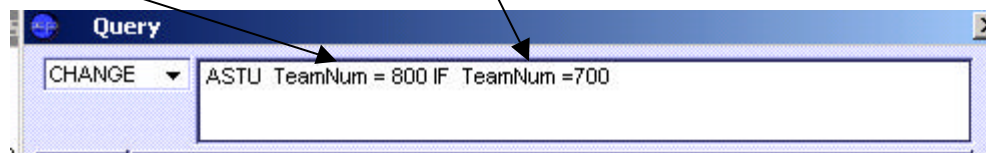


- If students are going to stay together as a team and you want to change the team number to the one they will have in the new year, use this query:

**Note: Start with the highest grade level and work your way down to the lowest grade level to avoid two grade levels having the same team number simultaneously.**

**CHANGE ASTU TeamNum = 800 IF TeamNum = 700**

800 represents the **new team** number and 700 represents **last year's team number**.



B. *To populate the Team Number after mass scheduling has randomly assigned students to teams. Run this query for each team the school has.*

**MASS Scheduling Query:**

**CHANGE ASTU ASSS ASMS TeamNum = XXX IF TchNum IN [yyy,yyy,yyy,yyy]**

XXX represents the code used for this team ; yyy represents teacher numbers for xxx team teachers

At this point you would look at your Scheduling Sections to see which teachers were put on which team.

- **BASIC Scheduling Query (if you have already Updated to Basic Scheduling):**

**CHANGE ASTU ACLS AMST TeamNum = XXX IF TchNum IN [ ]**

27. To change the start dates in sections for a specific term:

**CHANGE ACLS AMST StartDate = XXXXXX if TermCode = "??"**

*Replace the XXXXXX with the appropriate start date and the "??" with the appropriate term code.*

*Note: The term code must be in " ".*

28. To display students who do not have any classes. (Be sure to fill the Show Empty Records checkbox.)  
**DISPLAY ASTU ACLS AMST 1,StuLink LastName FirstName IF BegPeriod < 01 AND BegPeriod <> 00**
29. To display students who have less than 7 classes - 3 STEP PROCESS  
**CHANGE ASTU ACLS AMST UserCd5 = "X" IF Course > " " AND \$Count = 7**  
**DISPLAY ASTU LastName FirstName IF UserCd5 = " "**  
**CHANGE ASTU UserCd5 = " "**
30. To print class lists from Mass Scheduling:  
**PRINT ASSS (Drag ClassLink to 2<sup>nd</sup> Column) ASMS ASTU \ SectionID CrsTitle TchName Grade LastName FirstName**  
**if TermCode = "S2" SORT TchName LastName**    *Do again for "YR".*