

SIS Term/Year to PS89 STRM Mapping

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Summary

SIS and PS use different ways of distinguishing Terms. In SIS, there are Term and Year fields that are used together to indicate terms such as Term 70, Year 03, which would indicate Fall 2003, whereas Term 20 Year 98 would indicate Spring 1998. In PS, one code called STRM (this stands for Student Term) is used for both.

Because of the many places STRM codes appear in PS, it was determined that it would be best to map Term and Year codes to STRM codes in a separate program, prior to the rest of the conversion programs. To support that, blank STRM fields were added to some of the staging tables as appropriate. This program does not update or insert into any PS tables – it only fills in those blank fields in the staging tables.

It was found that under certain circumstances, a student may have transfer or test work in SIS where the Year is filled in, but the Term is blank. In those cases, this program searches for the very next term the student was at Cornell and uses that term code for the student.

Finally, as noted in the Transfer and Test Credit document, PS does not allow a student to receive credit for transfer or test work in terms prior to their first term at the institution. Therefore, if a student in SIS received transfer or test credit prior to their first term at Cornell or during a term when they were on a leave of absence or withdrawn from school, that credit will be granted in their first/next term at Cornell instead. To accomplish that, this program searches for any student in this situation and re-assigns the STRM on their transfer/test work so that it equals their first term at Cornell.

Assumptions

In addition to the Assumptions listed in the main Conversion Plan document, the following has been assumed in the creation of this document:

- No additional assumptions have been identified.

Input Data Extract Files

STDT_COURSE_INFO
STUDENT_SEMESTER
STDT_COLLEGE_MAJOR
STDT_S_COLL_MAJOR

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STUDENT_NOTES
STUDENT_DEMO
GR_RECORD_SEM

PS Staging Tables

STDT_COURSE_INFO
STUDENT_SEMESTER
STDT_COLLEGE_MAJOR
STDT_S_COLL_MAJOR
STUDENT_NOTES
STUDENT_DEMO
GR_RECORD_SEM

Cleanup Utilities.

To revert or Rollback the process the Cleanup utility is located in the following location.

/CITFS\fileserver\projects\p2k\psoft 8\Student Records\Student Records Conversion\Conversion Programs\SRCNV Convert Legacy Data\Cleanup\SRCNV01 Cleanup.SQL

Tables in which data will be updated

This section will list the staging tables in which data will be updated. A summary description of the data held in the record will be given, as well as a listing of all fields in the record involved in this process.

STUDENT_SEMESTER:

The STUDENT_SEMESTER table holds a list of all the terms a student was at Cornell or received credit here. The pertinent fields in STUDENT_SEMESTER are as follows:

EMPLID (STUDENT_SEMESTER)

ID: used in searches to help identify rows.

TERM (STUDENT_SEMESTER)

Term: The term portion of the SIS Term code – i.e. 70 (Fall).

YEAR (STUDENT_SEMESTER)

Year: The year portion of the SIS Term code – i.e. 98 (1998).

STRM (STUDENT_SEMESTER)

STRM: The PS term code

STDT_COURSE_INFO:

The STDT_COURSE_INFO table holds a list of all the terms a student was at Cornell or received credit here. The pertinent fields in STDT_COURSE_INFO are as follows:

EMPLID (STDT_COURSE_INFO)

ID: used in searches to help identify rows.

TERM (STDT_COURSE_INFO)

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Term: The term portion of the SIS Term code – i.e. 70 (Fall).

YEAR (STDT_COURSE_INFO)

Year: The year portion of the SIS Term code – i.e. 98 (1998).

STRM (STDT_COURSE_INFO)

STRM: The PS term code

STUDENT_DEMO:

The STUDENT_DEMO table holds basic Bio/Demo data for all students. It also holds students' Matriculation Term. The pertinent fields in STUDENT_DEMO are as follows:

EMPLID (STDT_COURSE_INFO)

ID: used in searches to help identify rows.

MATRIC_TERM (STDT_COURSE_INFO)

Matric Term: The term portion of the SIS Matric Term code – i.e. 70 (Fall). This value indicates the term for which the student was admitted to the University.

MATRIC_YEAR (STDT_COURSE_INFO)

Matric Year: The year portion of the SIS Matric Term code – i.e. 98 (1998). This value indicates the year for which the student was admitted to the University.

MATRIC_STRM (STDT_COURSE_INFO)

MATRIC_STRM: The PS term code

STDT_COLLEGE_MAJOR:

The STDT_COLLEGE_MAJOR table holds a list of the changes to a student's College, Major, etc. at Cornell. This is type 1 data in SIS. The pertinent fields in STDT_COLLEGE_MAJOR are as follows:

EMPLID (STDT_COLLEGE_MAJOR)

ID: used in searches to help identify rows.

ENTERING_TERM (STDT_COLLEGE_MAJOR)

Entering Term: The term portion of the SIS Entering Term code – i.e. 70 (Fall). This Value indicates the student's first term in their college.

ENTERING_YEAR (STDT_COLLEGE_MAJOR)

Entering Year: The year portion of the SIS Term code – i.e. 98 (1998). This value indicates the student's first year in their college.

ENTERING_STRM (STDT_COLLEGE_MAJOR)

Entering STRM: The PS term code for the SIS Entering Term/Year

LAST_SEM_TERM (STDT_COLLEGE_MAJOR)

Last Semester Term: The term portion of the SIS Last Semester Attended code – i.e. 70 (Fall). This value indicates the last term the student attended Cornell.

LAST_SEM_YEAR (STDT_COLLEGE_MAJOR)

Last Semester Year: The year portion of the SIS Last Semester Attended code – i.e. 98 (1998). This value indicates the last year the student attended Cornell.

LSA (STDT_COLLEGE_MAJOR)

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LSA: The PS term code for the SIS Last Semester Attended

EXPECTED_DEG_TERM (STDT_COLLEGE_MAJOR)

Expected Degree Term: The term portion of the SIS Entering Term code – i.e. 70 (Fall). This value indicates the term the student is expected to graduate from Cornell.

EXPECTED_DEG_YEAR (STDT_COLLEGE_MAJOR)

Expected Degree Year: The year portion of the SIS Term code – i.e. 98 (1998). This value indicates the year the student is expected to graduate from Cornell.

EXP_GRAD_TERM (STDT_COLLEGE_MAJOR)

Expected Graduation Term: The PS term code for the SIS Expected Degree Term/Year

STDT_S_COLL_MAJOR:

The STDT_S_COLL_MAJOR table holds a list, by term, of a student's College, Major, etc. at Cornell. This is type 2 data in SIS. The pertinent fields in STDT_S_COLL_MAJOR are as follows:

EMPLID (STDT_S_COLL_MAJOR)

ID: used in searches to help identify rows.

TERM (STDT_S_COLL_MAJOR)

Term: The term portion of the SIS Term code – i.e. 70 (Fall).

YEAR (STDT_S_COLL_MAJOR)

Year: The year portion of the SIS Term code – i.e. 98 (1998).

STRM (STDT_S_COLL_MAJOR)

STRM: The PS term code for the SIS Term/Year

STUDENT_NOTES:

The STUDENT_NOTES table holds, by term, all of a student's transcript notes at Cornell. The pertinent fields in STUDENT_NOTES are as follows:

EMPLID (STUDENT_NOTES)

ID: used in searches to help identify rows.

TERM (STUDENT_NOTES)

Term: The term portion of the SIS Term code – i.e. 70 (Fall).

YEAR (STUDENT_NOTES)

Year: The year portion of the SIS Term code – i.e. 98 (1998).

STRM (STUDENT_NOTES)

STRM: The PS term code for the SIS Term/Year

Timeline

Mapping of SIS data to PS data –
Programming –
Testing beginning in
Convert data in

SIS Term/Year to PS89 STRM Mapping

Conversion programs

SRCNV01.sqr

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Approvals

PS Developer Completed: __Bhanu Prakash Kambhampati_____ Date: __1/2/05_____

Functional Approval: __Rosemary J Lang_____ Date: _____02/13/06_____

Progress

Task	Name	Date Completed
Review PS Program and Update Specification	Bhanu Prakash Kambhampati	1/2/05
Reviewed	Vicky Mikula	02/24/06