**Complete Institutional Research Data Warehouse Conversion Notes**

**Last Updated 5/21/2013**

OVERALL CHANGES:  
Modification to each table, where codes are used and Lookup tables are required, add description column to pull in description and remove LookUp table requirements  
  
Convert GLINK codes that were changed to new ones in Datatel to the newer values 1:1 ratios, to improve all historical snapshots data integrity across semesters. Suzi has provided all LookUp Table information and Snapshot data

For all snapshots beginning with 999 or 777 look at session and use that plus ET to recode the snapshot data.

1. **Student\_Session Table**
   1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
   2. Remove Session column
   3. Modify Enr.Status Column to look at SHAP/??? Data instead of XCASB table
   4. Remove Preferred Campus column
   5. Make sure that Current Units column is using Term Units
   6. Prior Units column should be all completed units, however code is inaccurate, look into what is wrong here
   7. Sem\_Units\_Att use Albert’s data he utilizes for transcripts
   8. Sem\_Units\_Comp use Albert’s data he utilizes for transcripts
   9. Sem\_Grade\_Points use Albert’s data he utilizes for transcripts
   10. Cum\_Units\_Att use Albert’s data he utilizes for transcripts
   11. Cum\_Units\_Comp use Albert’s data he utilizes for transcripts
   12. Cum\_Grade\_Points use Albert’s data he utilizes for transcripts
   13. Add Sem\_GPA column and use Albert’s data he utilizes for transcripts
   14. Add Cum\_GPA column and use Albert’s data he utilizes for transcripts
   15. Remove Family Size column
   16. Remove Family Income Column
   17. Remove Employment\_Hrs column
   18. Remove Run\_Type\_Date
   19. Calculated Major: Change criteria to be most recent degree/certificate where program.id not like ‘%.ND’
   20. Remove all columns between Sem\_Units\_Att\_SCC through District\_Grade\_Points
   21. Change Label on “Academic” column to “Student\_Standing”
   22. Add Run\_Date column for validation purposes
2. **Seats Table, Student\_Seats change name**
   1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
   2. Remove Session column
   3. Ticket\_No: change label to “Section\_No”
   4. Remove Subject\_ID column
   5. Change label of Active\_Date to ‘Section\_Start\_Date’, display short date if possible
   6. Change label of Effective\_Date to ‘Student\_Status\_Date’, display as short date if possible
   7. Grade\_Final: change label to ‘Grade’
   8. Units: round to two decimal places such as 3.25
3. **Student\_Static Table**
   1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
   2. Birthdate: display short date if possible
   3. Street: Change label to ‘Address’
   4. Remove Matriculant column
   5. Remove Cum\_Units\_Att
   6. Remove Cum\_Units\_Comp
   7. Remove Cum\_Grade\_Points
   8. HS\_Code: Change coding to look at Institution.ID
   9. Social Security: Move column next to ID\_Number
   10. Grade\_Completed: Add to new VATEA table, remove form here
   11. Remove Native\_Language
   12. Remove Declared\_Major
   13. Remove Cum\_Units\_Att\_SCC
   14. Remove Cum\_Units\_Comp\_SCC
   15. Remove Cum\_Grade\_Points\_SCC
   16. Remove Academic column
   17. Add column for Academic\_Program, show only POS1
   18. Alt\_ID: move next to Social Security Column
   19. Add column Email\_Address from Student\_Email
4. **Class\_Session\_Table, Course\_Sections change name**
   1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
   2. Ticket\_No: change label to Section\_No
   3. Remove Session Column
   4. Remove Subject\_ID
   5. Subj\_No change label to Subject
   6. Subtitle\_No remove
   7. Change Status data to display description instead of code
   8. Begin\_date: Short date if possible
   9. End\_Date: Short date if possible
   10. Area\_1 rename column to Loc
   11. Area\_2 rename column to building
   12. Area\_3 rename column to room
   13. Remove Budget\_No
   14. Remove Budget\_Desc
5. **Catalog Table: Course\_Catalog change name**
   1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
   2. Subj\_no change label to Subject
   3. Remove Subtitle\_No
   4. Change status as above, remove Funding Acctg Method X
   5. Title: use long title instead of short title
   6. College: change label to Loc
   7. Remove Non\_Credit
   8. Max, Min & Increment: shorten to 2deimal places
   9. Cat\_Lecture\_Hrs: chsnge codeto LIKE LEC%
   10. Cat\_Lab\_Hrs: change to NOT LIKE LEC%
   11. Remove Cat\_Arrg\_Hrs
   12. USOE\_Code remove
   13. Priority: Limit results to course\_levels like SAM%
   14. Add new column PTCL: Limit course\_levels like PTCL%
   15. Remove Credit\_NoCredit
   16. Apprenticeship: Alter display of code to show APPR or AP321 code instead of grouping them together.
   17. Remove Remedial
   18. Basic\_Skills: Alter display to show real codes of PBS, BS, or NBS
   19. CSUC\_GE, 2 & 3: Rename columns CSU1, 2, & 3
   20. CSUC\_GE\_A, B C: Rename columns to AA1, 2 & 3
   21. IGETC1, 2: Add IGETC 3
   22. Remap all user codes to CSU, AA IGETC
   23. SAC\_GE remap to correct user field
   24. Remove VATEA\_Funded
6. **Student\_Degree Table**
   1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
   2. Remove Session
   3. Find out where Honors is stored
   4. Add column Honors\_Desc column with description of Honors code
   5. Remove Dept\_Honors
   6. Add column Degree\_Length (Graduation Date – SPRO Start Date)
7. **Test Table, Student\_Test change name**
   1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
   2. Test\_Date convert to short date
   3. Remove Test\_Score\_1 through Test\_Score\_10 columns
8. **Student\_Needs Table**
   1. Needs\_Date convert to short date
   2. Remove all columns for Needs\_Questions 1 – 20
   3. Remove all columns for Needs\_Services 1 – 34
   4. Remove all columns for Needs\_Goal
   5. Remove Needs\_Alt
   6. Remove Needs\_Asm
   7. Remove Non\_ESL
   8. Remove ESL\_Test\_Waived
   9. Remove ESL\_CNSL\_REC 1-3
   10. Remove ENG\_WAIVED
   11. Remove RDG\_WAIVED
   12. Remove Needs\_Other
   13. Remove Math\_Preq
   14. Remove Math\_Waived
   15. Remove Counseling 1-5
   16. Remove Study\_Skills 1-5
   17. Remove Counselor\_No
   18. Remove Transfer\_College
   19. Remove Level\_Date
9. **Benefit Table, Student\_Award\_Benefit change name**
   1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
   2. Remove Session
   3. Remove Benefit\_Code
   4. Remove Benefit\_Units
   5. Add column Benefit\_Amount
10. **Student\_DSPS**
    1. Disability\_Start\_Date change to short date
    2. Diability\_End\_Date change to short date
11. **Waivers, Student\_Waivers change name**
    1. Add\_Date change to short date
12. **College\_Degree\_Research, Student\_SelfDeclared\_Degrees change name**
    1. Remove End\_Date
    2. Add Institution\_Desc as column
    3. Remove Degree\_Date
    4. Remove Major
    5. Remove Minor
    6. Remove CCD
    7. Remove CCD\_Date
    8. Remove Honors
    9. Remove Acad\_Location
    10. Institution\_ID: point to actual school ID not RSCCD value
13. **Credit\_by\_Exam Table, Student\_Placement name change?**
    1. School: convert all old code values of 0 to CC, 1 to CE for data comparison
    2. Remove College
    3. Change label SAC\_EQUIV\_SESSION to Term
    4. Change label SAC\_EQUIV\_SUBJ\_NO to Subject
    5. Change label SAC\_Equiv\_Course\_No to Course\_No
    6. Remove SAC\_Equiv\_Subtitle\_No
    7. Change label SAC\_units to Units
    8. Change label SAC\_Grade to Grade
    9. Look into codes for GE\_Area\_Code and Major\_Area\_Code
14. **Keep Datatel\_Student\_EthnicRaces however change name to just Student\_EthnicRaces**
15. **Keep DTSRUNLOG as is**
16. **Update all existing tables with LookUp descriptions as an added column, then remove all LookUp Tables**
17. **Keep SEMSTERTOPROCESS as is no change**
18. **Paul will clean up all staging files, no need to review as they are used for processing only**
19. **Keep Survey Table as is for historical purposes**
20. **Transfer\_Work rename to Student\_Transfer\_Work**
    1. School: Same as above
    2. Add column Transfer\_School\_Desc. To obtain school name
    3. Remove SAC\_EQUIV\_SESSION column
    4. SAC\_EQUIV\_SUBJ\_No change label to Subject
    5. SAC\_EQUIV\_COURSE\_No change to Course\_No
    6. Remove SAC\_EQUIV\_SUBTITLE\_NO
    7. Remove GE\_Area\_Code
    8. Remove Major\_Area\_Code
    9. Set to update with other tables
21. **Table deletions**
    1. Remove all TEMP tables
    2. Remove TEST\_ALL\_CC
    3. Remove TEST\_ALL\_CE
    4. Remove TEST\_ORIGINAL
    5. Remove TESTBADDATE
    6. Remove ACAD\_CREDENTIALS\_LS\_PROD
    7. Remove ACAD\_CREDENTIALS\_PROD
    8. Remove ACAD\_PROGRAMS\_PROD
    9. Remove ALL\_STUDENTS
    10. Remove BENEFITS\_ORIGINAL
    11. Remove all 3 CAPP tables
    12. Remove CITIZEN\_CODES (LookUp) table after adding description to STUDENT\_STATIC?
    13. Remove STUDENT\_EMAIL after adding EMAIL\_ADDRESS to STUDENT\_STATIC
    14. Remove CREDIT (LookUp)
    15. Remove DATATEL\_PERSON\_ALT\_ID
    16. Remove DATATEL\_PERSON\_DEMO
    17. Remove EDUCATIONAL\_GOAL\_CODES after adding LookUp values to appropriate table
    18. Remove ENROLLMENT\_STATUS\_CODES after adding LookUp values to appropriate table
    19. Remove ETHNIC\_CODES after adding LookUp values to appropriate table
    20. Remove GPA table
    21. Remove IMMGR\_UPDATE
    22. Remove Import\_XCASB\_Temp
    23. Remove Import\_XCASB\_TEMP\_2011FA
    24. Remove IPEDS\_report
    25. Remove MAJORS\_PROD after adding LookUp values to appropriate table
    26. Remove all 4 MIKETEMP tables
    27. Remove NEEDS
    28. Remove NSC TRHU 2011-2012
    29. Remove PERSON
    30. Remove PLACMENT
    31. Remove PRIOR\_COLLEGE
    32. Remove PRIOR\_COLLEGE\_ORIGINAL
    33. Remove all PU\_\*\* Tables
    34. Remove SAC\_FEX\_FALL\_2010\_TBL
    35. Remove SAC\_SCC\_Degree\_Temp\_Imports
    36. Remove SEAT\_ORIGINAL
    37. Remove Semester
    38. Remove SEMESTERTOPROCESSCC
    39. Remove SEMESTERTOPROCESSCE
    40. Remove SSN\_PERM\_DATATEL\_ID\_DEMO
    41. Remove all STD\_SESS tables
    42. Remove STU\_IMMGR\_LOC
    43. Remove STU\_SCHL\_LOC
    44. Remove all Student\_888 tables
    45. Remove Student\_Degree\_BAKold
    46. Remove Student\_Degree\_YR
    47. Remove Student\_Email\_Original
    48. Remove Student\_Format\_eSARS
    49. Remove Student\_MaxSnapshot\_eSARS
    50. Remove Student\_Needs\_Original
    51. Remove Student\_Session\_BKUP
    52. Remove Student\_Session\_CRT
    53. Remove Student\_Session\_Original
    54. Remove Student\_Session\_PreEnrStatUpdate
    55. Remove Student\_Static\_BKUP
    56. Remove Student\_Static\_CIT
    57. Remove Student\_Static\_Original
    58. Remove Student\_Temp\_eSARS
    59. Remove Student\_Test
    60. Remove Survey\_Original
    61. Remove T\_MIS
    62. Remove Transcript\_Sent
    63. Remove Transcript\_Sent\_Original