**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