PeopleSoft Campus Solution
CF Data Structures 1 – Student Records
2014
Agenda

• Introduction to PeopleSoft Data Models
• Technical Overview
  – Campus Solutions
  – Academic Structure
  – Campus Community
  – Curriculum Management
  – Student Records
  – Student Admissions
  – Student Financials
  – Financials Aid
• PeopleSoft/CUNYfirst Standards
• Handy PeopleSoft Navigations and Look-up Tables
• Becoming a PeopleSoft Expert
• Q&A
• PeopleSoft is hosted on an Oracle Database (11gR2)
• The data elements are compartmentalized into multiple tables
  – Email Addresses; Phone Numbers; Ethnicity; External System
• Understand PeopleSoft feature of “Effective Dating” and leverage its power
Introduction to PeopleSoft Data Models

IDMS

Network

Diagram
Introduction to PeopleSoft Data Models

PeopleSoft
Entity Relationship
Technical Overview of Campus Solutions

Campus Solutions

- Campus Community
- Curriculum Management
- Student Records
- Student Admissions
- Student Financial Aid
- Student Financials
Technical Overview of Campus Solutions

Academic Structure

Institution

Academic Career
- Academic Program
- Academic Plan
- Academic SubPlan
- Academic Degree
- Academic Honor

Career Term
- Enrollment

Academic Group
- Academic Organization
  - Subject
  - Course
  - Class

Integration to Finance and General Ledger (ex: Department)
Technical Overview of Campus Solutions

Campus Community

Table Names:
- accom_diagnosis
- addresses
- bus_unit_tbl_sf
- citizenship
- citizen_sts_tbl
- diagnosis_tbl
- divers_ethnic
- email_addresses
- emergency_cntct
- ethnicity_dtl
- ethnic_grp_tbl
- external_system
- i20_form
- immunizations
- immuniztn_tbl
- names
- person
- personal_data
- personal_phone
- pers_data_effdt
- pers_data_usa
- pers_nid
- religious_pref
- residency_off
- residency_tbl
- salutation_tbl
- stdnt_group_tbl
- stdnt_grps
- stdnt_grps_hist
- visa_permit_tbl
- visa_pmt_data

PERSON

National ID
Residency
Citizenship

Service Indicator
FERPA
Ethnicity
Visa Permit Data
3C Engine

Immunization
Accommodation
Emergency

Names
Address
Phone
Email
External System ID

CUNYfirst

SEMERGEN
SFOREIGN
SIMMUNE
SNMCHNG
SOADDR
SOLDID
$PROGRAM
$STOP
STUDENT
$UUID
Technical Overview of Campus Solutions

Curriculum Management

- **CRSE_OFFER**
  - crse_id
  - effdt
  - crse_offer_nbr

- **CRSE_CATALOG**
  - crse_id
  - effdt

- **CRSMSTR**

- **CRSE_COMPONENT**
  - crse_id
  - effdt
  - ssr_component

- **CRSE_ATTRIBUTES**
  - crse_id
  - effdt
  - crse_attr
  - crse_attr_value

- **CRSE_TOPICS**
  - crse_id
  - effdt
  - crse_topic_id

![Diagram of Curriculum Management](image)
Technical Overview of Campus Solutions

Student Records

ACAD_PROG
emplid
acad_career
stdnt_car_nbr
effdt
effseq

STDNT_CAR_SEQ
emplid
acad_career
stdnt_car_nbr

STDNT_CAREER
emplid
acad_career

STDNT_CAR_TERM
emplid
acad_career
institution
strm

STDNT_ENRL
emplid
acad_career
institution
strm

ACAD_PLAN
emplid
acad_career
stdnt_car_nbr
effdt
effseq
acad_plan

ACAD_SUBPLAN
emplid
acad_career
stdnt_car_nbr
effdt
effseq
acad_plan
acad_subplan

ACAD_STDNG_ACTN
emplid
acad_career
institution
strm
effdt
effseq

CLASS_TBL
crse_id
crse_offer_nbr
strm
session_code
class_section
institution
acad_group
subject
catalog_nbr

SACASUM/SCURREG/SDSCHRG
Technical Overview of Campus Solutions

Student Records

- **TRNS_CRSE_SCH**
  - emplid
  - acad_career
  - institution
  - model_nbr

- **TRNS_CRSE_TERM**
  - emplid
  - acad_career
  - institution
  - model_nbr
  - articulation_term
  - trnsfr_eqvlncy_grp

- **SACASUM/SXFER**

- **TRNS_OTHR_MODEL**
  - emplid
  - acad_career
  - institution
  - model_nbr

- **TRNS_OTHR_TERM**
  - emplid
  - acad_career
  - institution
  - model_nbr
  - articulation_term
  - trnsfr_eqvlncy_grp
  - trnsfr_eqvlncy_seq

- **STDNT_CAREER**
  - emplid
  - acad_career

- **TRNS_TEST_MODEL**
  - emplid
  - acad_career
  - institution
  - model_nbr

- **TRNS_TEST_TERM**
  - emplid
  - acad_career
  - institution
  - model_nbr
  - articulation_term
  - trnsfr_eqvlncy_grp

- **TRNS_OTHR_DTL**
  - emplid
  - acad_career
  - institution
  - model_nbr
  - articulation_term
  - trnsfr_eqvlncy_grp
  - trnsfr_eqvlncy_seq
Student Admissions

Technical Overview of Campus Solutions
Technical Overview of Campus Solutions

Financial Aid

- **STDNT_AID_ATRBT**
  - emplid
  - institution
  - aid_year
  - table_id

- **ISIR_CONTROL**
  - emplid
  - institution
  - aid_year
  - effdt
  - effseq

- **STDNT_FA_TERM**
  - emplid
  - institution
  - strm
  - effdt
  - effseq

- **STUDENT_AID**
  - emplid
  - institution
  - aid_year

- **STDNT_AWRD_DISB**
  - emplid
  - institution
  - aid_year
  - item_type
  - acad_career
  - disbursement_id

- **ANTICIPAID_AID**
  - emplid
  - institution
  - aid_year
  - item_type
  - acad_career
  - disbursement_plan
  - disbursement_id
  - as_of_dttm

- **STDNT_AWARDS**
  - emplid
  - institution
  - aid_year
  - item_type
  - acad_career
## PeopleSoft/CUNYfirst Standards

- By Default PeopleSoft Tables are pre-fixed by PS_
- The Tables in ADW are pre-fixed with CF_
- In PeopleSoft Query Manager you do not need to include the PS_ prefix

<table>
<thead>
<tr>
<th>PeopleSoft Table Name</th>
<th>Reporting Instance Table</th>
<th>ADW Table Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS_PERSONAL_DATA</td>
<td>PERSONAL_DATA</td>
<td>CF_PERSONAL_DATA</td>
</tr>
<tr>
<td>PS_NAMES</td>
<td>NAMES</td>
<td>CF_NAMES</td>
</tr>
<tr>
<td>PS_ACAD_PLAN</td>
<td>ACAD_PLAN</td>
<td>CF_ACAD_PLAN</td>
</tr>
<tr>
<td>PS_ACAD_PROG</td>
<td>ACAD_PROG</td>
<td>CF_ACAD_PROG</td>
</tr>
<tr>
<td>PS_STDNT_CAR_TERM</td>
<td>STDNT_CAR_TERM</td>
<td>CF_STDNT_CAR_TERM</td>
</tr>
</tbody>
</table>

**Query SQL:**

```sql
SELECT A.EMPLID, A.NAME
FROM PS_PERSONAL_DATA A
```
Main Menu > CUNY > Campus Solutions > CS Reports

Main Menu > CUNY Student Summary View > Student Summary View

Main Menu > Campus Community > Student Services Ctr (Student)

Main Menu > Student Admissions > Application Maintenance > Application Summary View

Main Menu > Records and Enrollment > Career Program Information
Main Menu > Records and Enrollment > Student Term Information

Main Menu > Curriculum Management > Course Catalog
Main Menu > Curriculum Management > Schedule of Classes

Main Menu > Financial Aid > View Financial Aid Status

Main Menu > Student Financials > Customer Accounts
# Handy Look-up Tables

<table>
<thead>
<tr>
<th>Table Name</th>
<th>Description</th>
<th>Description Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACAD_CALTRM_TBL</td>
<td>Academic Calendar Term Table</td>
<td>The Academic Calendar Term Table stores term based deadlines and other pertinent information.</td>
</tr>
<tr>
<td>ACAD_CAL_TABLE</td>
<td>Academic Calendar Table</td>
<td>The Academic Calendar Table stores dates and other information that vary by term and session.</td>
</tr>
<tr>
<td>ACAD_PROG_TBL</td>
<td>Academic Program Table</td>
<td>The Academic Program Table defines all academic programs that an institution offers. Students are admitted to Academic Programs.</td>
</tr>
<tr>
<td>ACAD_STACTN_TBL</td>
<td>Academic Standing Action Tbl</td>
<td>The Academic Standing Action Table stores the valid Academic Standing Action values within an Institution, Academic Career and Effective Date.</td>
</tr>
<tr>
<td>CITIZEN_STS_TBL</td>
<td>Citizen Status Table</td>
<td>This table holds citizenship status by country. Citizenship status differ by country, therefore country + citizenship status are the key structure for this table. This table was created in release 8.0 CITIZEN_STS_LNG table is the related language table for CITIZEN_STS_TBL.</td>
</tr>
<tr>
<td>DEGREE_TBL</td>
<td>Education Degree Table</td>
<td>Use DEGREE_TBL to list the degrees to use as an edit table for DEGREE in your database.</td>
</tr>
<tr>
<td>DEGR_HONORS_TBL</td>
<td>Degree Honors Table</td>
<td></td>
</tr>
<tr>
<td>DIAGNOSIS_TBL</td>
<td>Injury/Illness Diagnosis Codes</td>
<td>DIAGNOSIS_TBL is an edit table used to record medical diagnoses of injuries or illnesses suffered by workers. This data is part of the Health and Safety module and the Regulatory Requirements module.</td>
</tr>
<tr>
<td>DIVERS_ETHNIC</td>
<td>Ethnic Diversity</td>
<td>This table holds details of an employee's ethnic background. Created as a child of DIVERSIT record to allow recording of multiple Ethnic Group codes for each employee.</td>
</tr>
<tr>
<td>EXT_ORG_TBL</td>
<td>External Organization Table</td>
<td>Use EXT_ORG_TBL to maintain information about organizations. Each organization is assigned an identification number. If the organization is a school or offers courses then it should also be included in the SCHOOL_TBL. When adding an External Organization, you'll be given the opportunity to automatically have it added to the SCHOOL_TBL.</td>
</tr>
<tr>
<td>EXT_ORG_TBL_ADM</td>
<td>External Org Admissions</td>
<td>Extension of EXT_ORG_TBL for Admissions</td>
</tr>
<tr>
<td>IMMUNIZATN_TBL</td>
<td>Immunization Table</td>
<td>IMMUNIZATN_TBL stores the Immunization codes.</td>
</tr>
<tr>
<td>INSTITUTION_TBL</td>
<td>Institution Table</td>
<td>The INSTITUTION_TBL defines the institutions that will be using this database (i.e. multiple institutions can operate out of the same database). Additional information specific to each institution is also captured here. Security within the database ensures that only information and prompt table values that are appropriate for a specific institution will be displayed.</td>
</tr>
<tr>
<td>RQMNT_DESIG_TBL</td>
<td>Requirement Designation Table</td>
<td>Requirement designsations that could be attached to courses are maintained in this table.</td>
</tr>
<tr>
<td>SALUTATION_TBL</td>
<td>Salutation</td>
<td>Use SALUTATION_TBL to store all the salutations that will be used by your system.</td>
</tr>
<tr>
<td>SESSION_TBL</td>
<td>Session Definition Table</td>
<td>The Session Definition Table contains information that relates to each scheduling subset of a term that courses can be offered for. Lets say an institution has a liberal arts and an engineering school that are on different calendars. Each schools' courses should be placed in unique sessions for scheduling to work properly. Let say liberal arts some mini-term courses that only span half the term. These course should also be placed in a unique session for the term. The session concept is simply a way to subdivide a term in multiple time periods for offering courses.</td>
</tr>
<tr>
<td>TERM_TBL</td>
<td>Term Definition Table</td>
<td>The term definition table contains data that relates to an institutions quarter/semester definitions.</td>
</tr>
</tbody>
</table>
Becoming a PeopleSoft Expert

• Understand Each Data Set
  – Understand the Entity Relationship(s)
  – Understand the online pages for each module including navigation
  – Understand the purpose of each table and data values within each of its columns
  – Understand SACR Security related to the tables

• Create Extracts
  – Use the reporting instance and I-805 files
  – Create a simple PS Queries in the reporting instance to retrieve data
  – Create extracts from I-805 in your preferred platform
  – Compare the results with online pages

• Soon you will be a PeopleSoft Technical Expert