

# Web ASSIST Maintenance I

14th Annual ASSIST Conference  
Country Inn & Suites, Newport Beach  
December 1 & 2, 1999



# Overview

- **Topics:**
  - Schedule
  - System Components
  - SilverStream and SilverJRunner
  - Hours of Operation
  - Hardware/Software Requirements
  - Documentation
  - Data Entry Preview
  - Maintenance Reports Preview
  - Sample Database and Conversion Status
  - New Data Structure



# Schedule

- Dec-Jan - Determine UCOP TCA Specs
- Dec-Mar - Finish Artic Data Entry Windows
- Dec-Mar - Finish Web Maint Reports
- Feb - SU00 Curriculum Update
- Mar - ACS Internal Testing
- Late Mar - Beta Site Training
- Apr - F00 Curriculum Update
- Apr - Beta Testing
- Apr 28 - Final Data Collection
- May - Final Data Conversion
- May - Final Software Cleanup
- Early Jun - CSU/UC Campus Training
- Jun - Artic Maint On-Line for CSU/UC Campuses

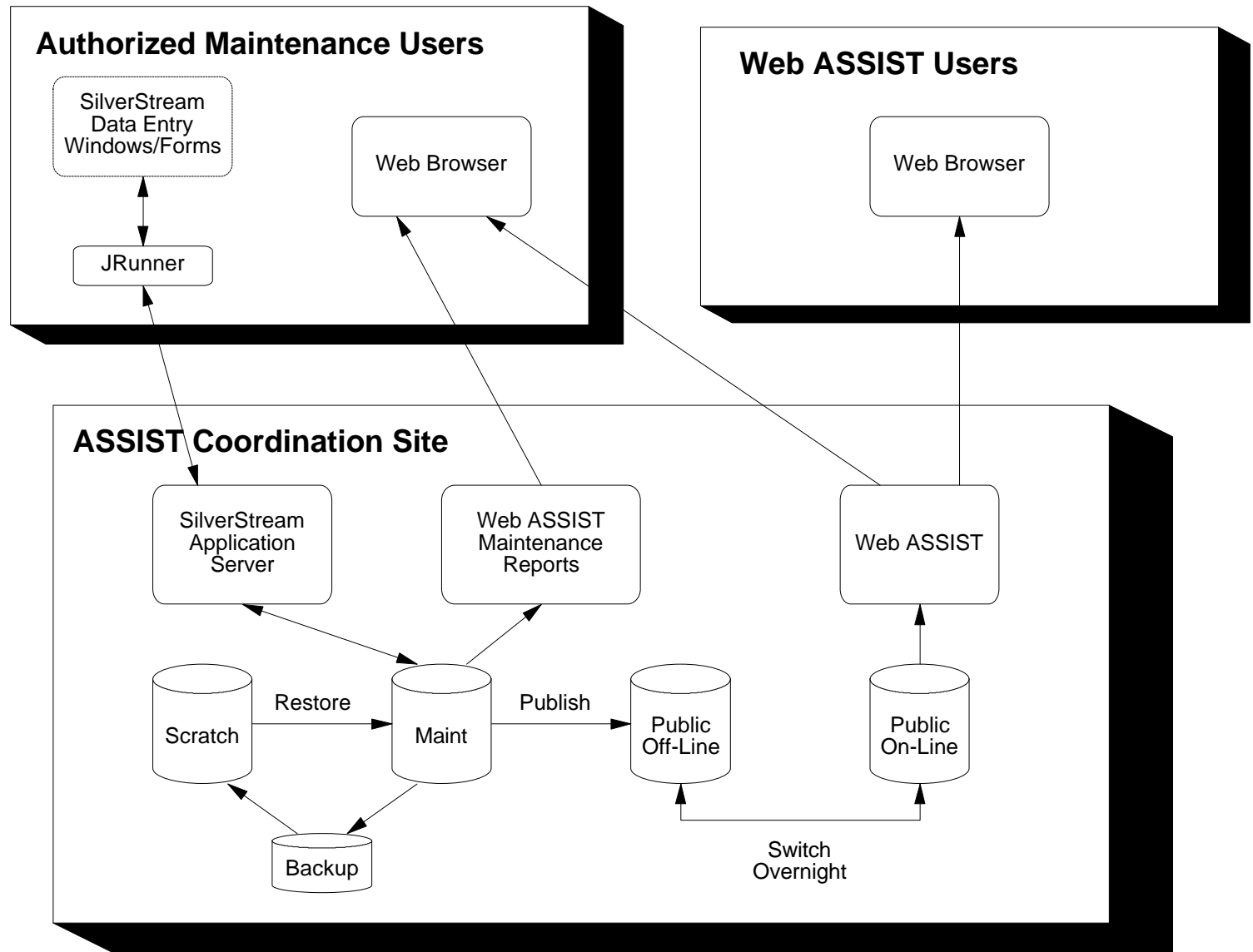


# System Components

- Multiple Sybase Databases at ACS
  - Production Database
  - Maintenance Database
  - Scratch and off-line Production Databases
- SilverStream Data Entry Windows
- SilverStream Application Server at ACS
- Secured Web Site for Maintenance Reports



# Web ASSIST and Web ASSIST Maintenance System Components



# SilverStream and SilverJRunner

- SilverStream Application Server
  - Stores menu and data entry window definitions
  - Serves menus and windows to clients (sort of runs one side of them, gets data, does some validations, writes data)
  - Connects with database for reading and writing data
- SilverJRunner
  - Runs the client side of java programs from the application server (shows data, data entry, some data validation)
  - Look and feel of a local Windows application
- Client Computers only need SilverJRunner program installed
  - .sjr icon on desktop or in your start menu links to the login page on the ACS SilverStream server
  - No ACS written programs are stored on your computer
  - When ACS changes programs, next time you login you see changes



# Hours of Operation

- 7am - 6pm Planned Hours of Operation
- 7:30am - 4:30pm Planned Hours of Support
- SilverStream and Web Maint Reports will not allow access after normal operating hours
- Web ASSIST will always be available
  - 2 production databases
    - on-line for Web ASSIST
    - off-line being updated with nightly publication requests
    - Automatically switches in early morning



# Hardware/Software Requirements

- Windows 95/98/NT compatible computer
- Pentium \_\_\_\_ processor (minimum)
- 32 MB RAM (minimum)
- 1024x768 Screen Resolution (required)
- 17” Monitor (suggested)
- Direct Ethernet Connection (no modems)
- Software
  - Windows 95/98/NT
  - Navigator 4 or Internet Explorer 4 (or higher)
  - SilverJRunner (provided by ACS)



# Documentation

- Help items in SilverStream windows launches web browser
- Complete On-line Help
  - Concepts
  - Processes
  - Data Entry Windows & Fields
  - Indexed and Searchable
- Can be Printed by Campuses
  - ACS will not distribute printed versions



# Data Entry Preview

- Login
- Menu Bar
- Articulation Agreement Window
- Document View
- Articulation Instance Window
- Publish/Unpublish
- Email Notifications



frmArtLogin

### Assist Articulation Maintenance System Login

User Name:

Password:



- Agreement
- Footnote
- Major View
- Department View

Articulation Agreement Editor

**Receiving Institution:** 
**Sending Institution:**

**Begin AY:** 
**End AY:** 
**UC TCA AY:**

**Officer:** 
**Officer:**

**Catalog Year:** 
**Catalog Year:**

**Show CAN:** 
**Show CAN:**

**Show IGETC:** 
**Show IGETC:**

**Show CSU:** 
**Show CSU:**

**Show Course Titles:** 
**Show Course Titles:**

**Show Course Units:** 
**Show Course Units:**

- New
- Save
- Delete
- Clear
- Exit

Agreements

Footing:

| AA ID | Receiving Institution               | Sending Institution | Begin AY | End AY |
|-------|-------------------------------------|---------------------|----------|--------|
| 7154  | California State University, Fresno | Fresno City College | 98-99    | 98-99  |
| 1411  | California State University, Fresno | Fresno City College | 96-97    | 96-97  |
| 1245  | California State University, Fresno | Fresno City College | 94-95    | 94-95  |
| 1123  | California State University, Fresno | Fresno City College | 92-93    | 92-93  |
| 6780  | California State University, Fresno | Fresno City College | 90-91    | 90-91  |
| 7240  | California State University, Fresno | Fresno City College | 89-90    | 89-90  |

- Agreement
- Footnote
- Major View**
- Department View

## Major View

(1) To: California State University, Fresno

Semester

(2) From: Fresno City College

Semester

General Catalog Year: 94-95

(3) Select Effective Years: 98 - 99

General Catalog Year: 94-96

Remove Insert Edit

(4) Major: PHYSICS

Done

## ===== PHYSICS =====

## A. CORE REQUIREMENTS

|           |                               |         |                            |
|-----------|-------------------------------|---------|----------------------------|
| PHYS 4A & | Mechanics and Wave Motion (3) | PHYS 4A | Physics for Scientists (4) |
| PHYS 4AL  | Laboratory for Mechanics (1)  |         | and Engineers              |
|           | and wave motion               |         | 09-29-93                   |

|            |                                 |           |                            |
|------------|---------------------------------|-----------|----------------------------|
| PHYS 4B &  | Electricity, Magnetism, (3)     | PHYS 4B & | Physics for Scientists (4) |
|            | and Heat                        |           | and Engineers              |
| PHYS 4BL & | Laboratory for Electricity, (1) | PHYS 4C   | Physics for Scientists (4) |
|            | Magnetism, and Heat             |           | and Engineers              |
| PHYS 4C    | Light and Modern Physics (3)    |           | 09-29-93                   |

## B. ADDITIONAL MAJOR REQUIREMENTS

|         |                       |         |                       |
|---------|-----------------------|---------|-----------------------|
| CHEM 1A | General Chemistry (5) | CHEM 1A | General Chemistry (5) |
|         |                       |         | 12-18-97              |

|         |                           |         |                       |
|---------|---------------------------|---------|-----------------------|
| CHEM 1B | General Chemistry and (5) | CHEM 1B | General Chemistry (5) |
|         | Qualitative Analysis      |         | 12-18-97              |

Instance Editor

ID:  ID Number:  Begin:  End:  Title:  Display by Department:  Articulation Officer Comment:

Receiving Institution

| Course Name | Cnj | Min  | Max  | Title                      | Txt | Prefix |
|-------------|-----|------|------|----------------------------|-----|--------|
| PHYS 4B     | A   | 3.00 | 3.00 | Electricity, Magnetism, e  |     | PHYS   |
| PHYS 4BL    | A   | 1.00 | 1.00 | Laboratory in Electricity, |     | PHYS   |
| PHYS 4C     | N   | 3.00 | 3.00 | Light and Modern Physi     |     | PHYS   |

Sending Institution

| Course Name | Cnj | Min  | Max  | Title                     | Txt | Prefix |
|-------------|-----|------|------|---------------------------|-----|--------|
| PHYS 4B     | A   | 4.00 | 4.00 | Physics for Scientists ar |     | PHYS   |
| PHYS 4C     | N   | 4.00 | 4.00 | Physics for Scientists ar |     | PHYS   |

Footnotes

| Begin | End | Sym | Txt | Edit |
|-------|-----|-----|-----|------|
|       |     |     |     |      |

Comments

| Begin | End | Txt |
|-------|-----|-----|
|       |     |     |

Signoff Dates

| Begin | End   | Draft | Sign Off Date |
|-------|-------|-------|---------------|
| 98-99 | 98-99 | N     | 09/29/1993    |

- 
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Text

Text Width  
 40  80



Assist Articulation Maintenance System



File Edit Articulation Major Window Help

Publish

Exit

Ctrl+X



# Maintenance Reports Preview

- Login
- Curriculum Reports
- Articulation Reports



# Sample Database and Conversion Status

- ACS in process of posting most recent sample database
  - November 20th data
  - All error corrections up to October 4th
  - All leading zeros and CPSLO hyphens removed
  - Departments file fixes by ACS
- Ready for looking at next week?
- Demonstrates most aspects of conversion
  - Does not show CAN, IGETC or CSU GE correctly
- Other Conversion Issues
  - AS.AA details
  - UCOP Courses



# New Data Structure

- Previous (Revelation) Data Structure
  - End Product Oriented (Articulation Agreement)
  - Loose Data Linkages (More Flexibility)
  - Standardized Entry/Display Formats
  - Data Extracts
- New (Sybase) Data Structure
  - Oriented Around Real Data (Courses/Instances/Agreements)
    - Historical/time-based
  - Forced Data Consistency (Less Flexibility???)
  - Standardized Entry/Display Formats
  - Data Extracts

# Terminology

- Document View
- Agreements w/ Start and End Years
- Instances w/ Start and End Terms
  - Open Instances
- Courses w/ Start and End Terms
  - Multiple Versions of a Course Over Time
- How Does ASSIST Determine Which Version of a Course to Display?
  - ASSIST displays the version of a course that was in effect in a specific term - that term is determined by finding the latest start term that exists among the course, instance and agreement

# Curriculum Data

- Intended to supplement, not replace other information currently used in the articulation analysis process

# New Data Structure Examples

- Baseline Information
  - Courses
  - Instances
  - Agreements

### Curriculum Data

| 2000-2001                            |     |      | 2001-2002                                   |     |      | 2002-2003        |     |      |
|--------------------------------------|-----|------|---|-----|------|------------------|-----|------|
| F00                                  | S01 | SU01 | F01   | S02 | SU02 | F02              | S03 | SU03 |
| 1 - BIOL 10 - Animal Biology (3)     |     |      |   |     |      |                  |     |      |
| 2 - BIOL 20 - Plant Biology (3)      |     |      | BIOL 11                                     |     |      | BIOL 50 - Botany |     |      |
|                                      |     |      | 3 - BIOL 20 - Human Anatomy (3)             |     |      |                  |     |      |
| 4 - BIOL 30 - Biology Principles (4) |     |      | Principles of Biology Lecture (3)           |     |      |                  |     |      |
|                                      |     |      | 5 - BIOL 31 - Principles of Biology Lab (1) |     |      |                  |     |      |
| 6 - BIOL 40 - Microbiology (3)       |     |      |   |     |      |                  |     |      |
| 7 - BIO 100 - Zoology (3)            |     |      |   |     |      |                  |     |      |
| 8 - BIOL 102 - Botany (3)            |     |      |   |     |      |                  |     |      |
| 9 - BIOL 104 - Anatomy (3)           |     |      |   |     |      |                  |     |      |
| 10 - BIOL 106 - Biology (4)          |     |      |   |     |      |                  |     |      |
| 11 - BIOL 108 - Microbiology (3)     |     |      |   |     |      |                  |     |      |

### Articulation Instance Data

| 2000-2001 |     |      | 2001-2002   |     |      | 2002-2003 |     |      |
|-----------|-----|------|-------------|-----|------|-----------|-----|------|
| F00       | S01 | SU01 | F01         | S02 | SU02 | F02       | S03 | SU03 |
| 1 -> 7    |     |      |             |     |      |           |     |      |
| 2 -> 8    |     |      |             |     |      |           |     |      |
|           |     |      |             |     |      | 2 -> 8    |     |      |
| 4 -> 10   |     |      | 4 & 5 -> 10 |     |      |           |     |      |
| 6 -> 11   |     |      |             |     |      |           |     |      |
|           |     |      | 3 -> 9      |     |      |           |     |      |



Articulation Agreement by Department  
Effective during the 00-01 Academic Year

| From: Community College | Semester           |     | To: University | Semester         |
|-------------------------|--------------------|-----|----------------|------------------|
| BIOL 10                 | Animal Biology     | (3) | BIOL 100       | Zoology (3)      |
| BIOL 20                 | Plant Biology      | (3) | BIOL 102       | Botany (3)       |
| BIOL 30                 | Biology Principles | (4) | BIOL 106       | Biology (4)      |
| BIOL 40                 | Microbiology       | (3) | BIOL 108       | Microbiology (3) |

Articulation Agreement by Department  
Effective during the 01-02 Academic Year

| From: Community College | Semester                  |     | To: University | Semester         |
|-------------------------|---------------------------|-----|----------------|------------------|
| BIOL 10                 | Animal Biology            | (3) | BIOL 100       | Zoology (3)      |
| BIOL 11                 | Plant Biology             | (3) | BIOL 102       | Botany (3)       |
| BIOL 20                 | Human Anatomy             | (3) | BIOL 104       | Anatomy (3)      |
| BIOL 30 &               | Principles of Biology     | (3) | BIOL 106       | Biology (4)      |
|                         | Lecture                   |     |                |                  |
| BIOL 31                 | Principles of Biology Lab | (1) |                |                  |
| BIOL 40                 | Microbiology              | (3) | BIOL 108       | Microbiology (3) |

Articulation Agreement by Department  
Effective during the 02-03 Academic Year

| From: Community College | Semester                  |     | To: University | Semester    |
|-------------------------|---------------------------|-----|----------------|-------------|
| BIOL 10                 | Animal Biology            | (3) | BIOL 100       | Zoology (3) |
| * BIOL 11               | Plant Biology             | (3) | BIOL 102       | Botany (3)  |
| * BIOL 50               | Botany                    | (3) | BIOL 102       | Botany (3)  |
| BIOL 20                 | Human Anatomy             | (3) | BIOL 104       | Anatomy (3) |
| BIOL 30 &               | Principles of Biology     | (3) | BIOL 106       | Biology (4) |
|                         | Lecture                   |     |                |             |
| BIOL 31                 | Principles of Biology Lab | (1) |                |             |

\* BIOL 11 changes to BIOL 50 in Spring 2003

# Effect of Curriculum Updates

- Name, Title, Units, etc. Updates
- New Course Added
- Single Course Splits into Multiple Courses
- Course Terminated
- Mid Year/Agreement Changes

# Other Instance Data

- Sending/Receiving Text
- Footnotes
- Comments
- Sign Off Dates
- Draft Mode Designation

Questions?

