July 2013

Campus Solutions 9.0
Additional Features July 2013 Pre-Release Notes

ORACLE

Purpose Statement

This document provides an overview of features and enhancements included in Campus Solutions Additional Features July 2013. It is intended solely to help you assess the business benefits of deploying the features contained in Additional Features July 2013 and to plan your I.T. projects.

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Due to the nature of the product architecture, it may not be possible to safely include all features described in this document without risking significant destabilization of the code.

Purpose Statement 1
Disclaimer 1
Executive Summary 2
Campus Solutions Common Elements 3
The Rules Engine 3
Admissions 8
Prospect/Admissions Data Load 8
Student Records 14
Program Enrollment Updates 14
Activity Management Updates 17
Student Financials 21
Tuition Calculation Waiver Enhancement Updates 21
Targeted Regulatory Updates July 2013 24
Australia 24
Netherlands 24
United Kingdom 27
United States 27
Anticipated Documentation for Additional Features July 2013 32
Conclusion 33

Executive Summary

This document provides an overview of the new and enhanced features planned for delivery in Campus Solutions Additional Features July 2013. It is a preview intended to keep you updated and help you understand new features, to assess their applicability to your institution, and to help you plan your IT projects and investments. The planned features previewed in this document are:

- Campus Solutions Common Elements
  - Rules Engine Updates
- Admissions
  - Prospects/Admissions Data Load
- Student Records
  - Program Enrollment Updates
  - Activity Management Updates
- Student Financials
  - Tuition Calculation Waiver Enhancement (Final Phase)
- Targeted Regulatory Updates July 2013

With every Additional Feature bundle, our goal is to help your organization leverage technology to its fullest and increase the efficiency and effectiveness of your operations. We strive to provide innovative and extensible functionality that will reduce the need for customization and maximize the return on your investment in Oracle PeopleSoft Campus Solutions. One of the benefits of our Continuous Delivery Model is that it allows us to deploy new functionality incrementally rather than delivering large units of new development at any one time. Additional resources are planned to help your organization determine the impacts of implementing these new capabilities. We encourage you to visit *My Oracle Support* frequently to keep apprised of resources as they become available. While every attempt is made to accurately describe our intentions, the delivered additional features may not have every feature or capability mentioned in this document, and a specific feature may become part of a different application or have a different product name than those cited in this document.

Campus Solutions Common Elements

The core capabilities of the Campus Solutions product continue to expand by delivering frameworks and other common elements that are or will be leveraged by all the modules in our product family, and which can also provide significant benefits to you as you begin to leverage them for your own purposes. Since no one business area "owns" these frameworks, we think it appropriate to call out the planned enhancements to these utilities and frameworks in a separate section of this document. We will reference specific business process application in the appropriate section (e.g., if Financial Aid has leveraged one of the frameworks, we'll note that usage in the Financial Aid section).

The Rules Engine

Program Enrollment enables you to create flexible structures that allow you to organize program curricula and apply those curricula to students. Activity Management allows you to create granular course grading structures and administer results for assessments and examinations. Both of these features require the ability to create a variety of business rules for evaluation and calculation that need to be applied to their structures to support student tracking, progress, and policy enforcement. Typically, rules are unique to their institution, are complex in nature and may be subject to frequent change. Examples of such rules are: calculation of student grades for assessments and examinations, control of curriculum planning or enrollment, progression evaluation based on credits, GPA and grades, and determining probationary, awards and honors classifications. These business rules need to be highly configurable, easily expressed by functional experts and easy to define and implement across Campus Solutions. To acheive this important capability, we introduced the the Rules Engine in Additional Features April 2013. The initial installment of the Rules Engine focused on delivering a robust framework that will allow you to build rules in the *Rules Engine Manager* using delivered entities in the Entity Registry. For example, using the enities for Program Enrollment's Academic Item Registry and the Academic Progress Tracker you can construct relevant rules using the Rules Engine compiler and subsequently run these rules through the Rules Engine Tester.

As part of Additional Features July 2013, we plan to deliver important updates that integrate the Rules Engine to Program Enrollment and Activity Management (see those sections for additional details). We also plan to enhance and expand the functionality and usability of the Rules Engine itself. In order to compile rules using the the Rules Engine build process, customers should note that PeopleTools 8.53.04 or later is required. Planned updates are summarized below.

Batch Processing for Rules Engine

We recognize that some business processes are more suited to be executed in batch rather than online. These business processes may support end of academic year processing, academic progression, determination of Honors Awards or performing calculations and or data updates.

Batch Processing for the Rules Engine will provide users with the ability to run one or multiple Rules and the ability to schedule these Rules (as you would other processes) to run at a set time or at predetermined intervals.

Data Set Enhancements

When building complex rules you may need more than an individual variable as a temporary placeholder. Certain business needs require multiple temporary placeholders that can be stored together as a logical set of variables (called Data Set Properties). For example when calculating total units that a student has achieved for one particular Program Enrollment Course List, you may need to not only store the total units but also from which student and Course List that total was calculated. In this case you may want to create three temporary variables that can be referenced together as a group. Data Sets offer you the ability to create a set of variables that are combined together as one group. Variables of different types such as Text, Date (time), Number, and Boolean properties can be added "on-the-fly". In Additional Features July 2013 we are planning to provide the following enhancements to the delivered Data Set functionality.

- The ability to Copy from an entity straight into a data set so that a user does not create individual properties. This provides an easy way to add a Data Set which looks exactly like an existing record or part of that record.
- The ability to clone a data set from an existing Data Set. Once cloned, new properties can be added and existing ones removed.
- A System Defined Data Set which can be used with a dedicated System Function to retrieve formatted message catalog texts in rules.

Enhancements to Logging

- Updates to documentation with clear instructions on what information can be found in the Rules Engine Log files for each available Log Setting.
- Enhancements to the Trace Logging content which makes it easier for users to see what information is retrieved in a rule and makes it easier to determine where a rule or function is not peforming properly.

Rules Engine Manager User Interface Enhancements

- Enhancement to Variables pages including additional hover over text.

Additional Expert/Developer Functions.

We plan to introduce new functions which will help users to more easily create Evaluative and Calculation Statements. Examples of new functions are :

- The ability to verify information from the Student's Academic Career, Program, Plan or Subplan.

- The ability to retrieve information from the Term and Session Table.
- A new function which allows you to retrieve fully formatted Message Catalog Text.

Rules Engine Tester Enhancements

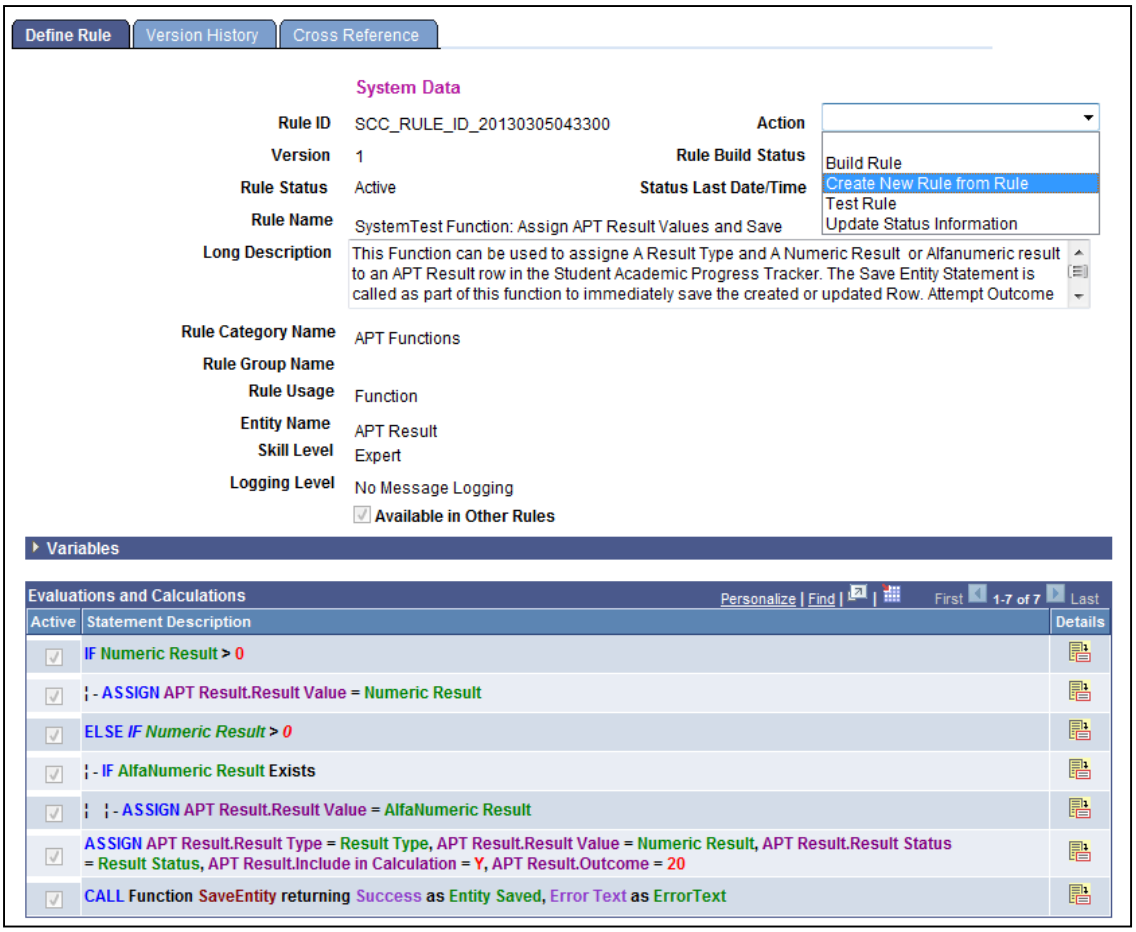
- Ability to test functions with criteria, making testing easier for those functions which are based on an Entity. The tester will automatically ask the user to input all relevant criteria when running the function in the tester.
- Ability to view output lists, Data Sets and Data Set lists on a dedicated page on which all data elements are displayed.
- Ability to prompt for values in the Tester for any variable which uses the LOV(List of Values) to prompt for a set of valid values.
- Ability to enter multiple data elements when the input for a Rule is a List or a Data Set.

Rules Engine System Test Functions

- Introduction of new System Test rules which provide examples of how to use delivered functions as well as providing a means of quickly testing functionality.

System Locking of Rules Engine Objects

As we deliver more Functions and Rules as well as other objects such as Data Sets and Rules Engine LOV values and institutions start to create their own rules, it will become necessary to identify the ownership of these objects. With the planned System Locking feature, delivered objects are ”read only” and clearly marked as being a System object. Not all objects are completely locked or read only. Where possible, changes to those data elements are allowed for items like descriptions or long descriptions. For System Locked Rules you retain the ability to create a new rule from the delivered rule That new rule becomes an institution owned rule. The example below illustrates a delivered System Locked Rule which can be cloned to create a locally owned rule.



Expected Benefits: The Rules Engine

The Rules Engine provides customers with a powerful tool that allows them to enforce academic policy and regulations by creating business rules tailored to meeting specific institutional requirements. With each Additional Feature bundle, the Rules Engine will continue to evolve, to be applied to additional functional areas and to provide important fundamental benefits to our customers which include:

- Rules Engine flexible design allows users to construct institutionally specific rules without having to rely on technical programming resources. The innovative architecture that the Rules Engine offers makes it reasonably easy for the Functional Expert to build and manage calculation rules.
- Rules are reusable and can be applied to meet a variety of needs. Rules built by one user can be shared and embedded by others in order to reduce duplication and increase productivity.
- Policy changes frequently require agile response from administrators; the Rules Engine supports managing rules overtime through versioning.

- Rules Engine Batch Processing enables you to execute demanding processes at opportune times in order to optimize system resources.
- Managers can take advantage of System Locking functionality for the Rules Engine by making sure that system delivered objects are locked down and can manage the ability to use delivered System Functions towards creating new Institution owned rules.

Beyond Additional Features July 2013: Planned Additions to the Rules Engine

Our Continuous Delivery model allows us to build upon, update, and extend Rules Engine design and capabilities on an ongoing basis. Upcoming Additional Feature bundles are targeted to include:

- Rules-based processing for Progression, Calculating Results and other functions
- An intuitive user interface which will provide those users who are new to building rules with a more guided setting in which to construct and test their rules.
- A framework which will facilitate migration of rules and functions between environments, ensuring that specific versions of rules can be imported and exported and that those versions which need to be preserved are not inadvertently overwritten.
- Rules Engine Dashboard: Dashboard functionality which can be leveraged to facilitate rule maintenance by streamlining those activities which cannot be easily completed through the Rules Engine Manager. Examples include "back versioning" rules, changing Rule Categories, removing rules from Rule Groups or changing Rule Groups in existing rules. The Rules Engine Dashboard is anticipated to signal the "down-hill "effect of changes you need to make in the setup or in created rules and will help to resolve potential conflicts.

Admissions

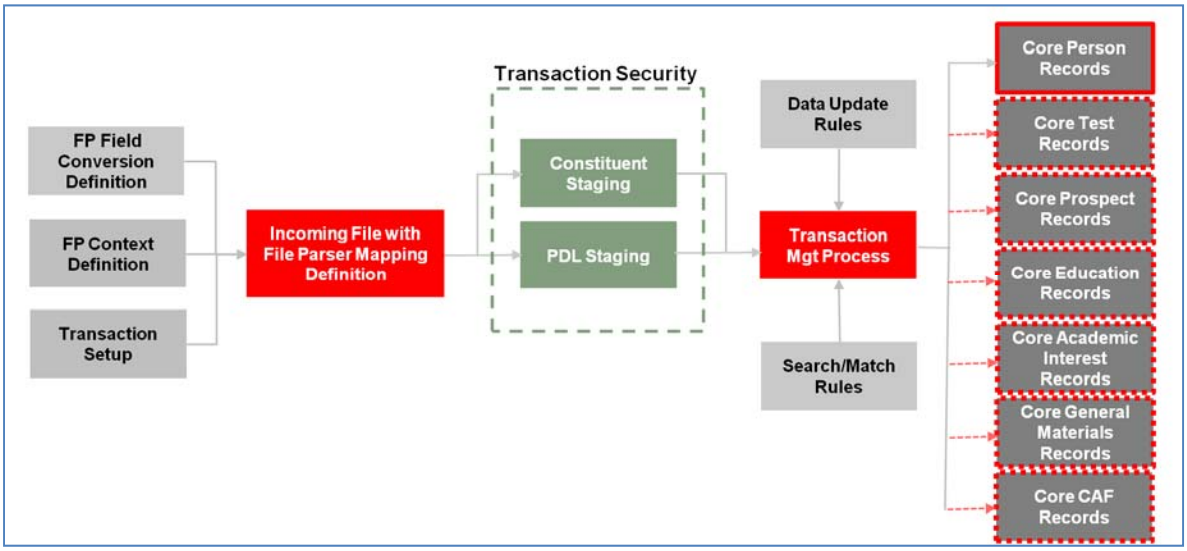
Prospect/Admissions Data Load

Our global customer base continues to express the need for a number of additional data loads including new tests as well as the need to load data on prospective students from a variety of external data sources. While Campus Solutions currently supports a specific set of test and data loads which are utilized by our customers, these processes frequently require mandated file layout changes as their sponsoring third party agencies update, add and re-design them. Prospect/Admissions Data Load (PDL) represents a new approach to supporting data loads from external sources that is required to keep pace with the changing needs of our customers. It utilizes Constituent Transaction Management, File Parser, Entity Registry, 3C Events and Triggers and the Common Attribute Framework to provide new structures that will allow you to define and map almost any external file containing data that requires staging, search/match processing, and posting data to production records. This could include but is not limited to admissions test scores, prospects, placement exams, internal academic knowledge test results, etc.

The Prospect /Admissions Data Load represents a common approach for capturing externally provided test data and other data that:

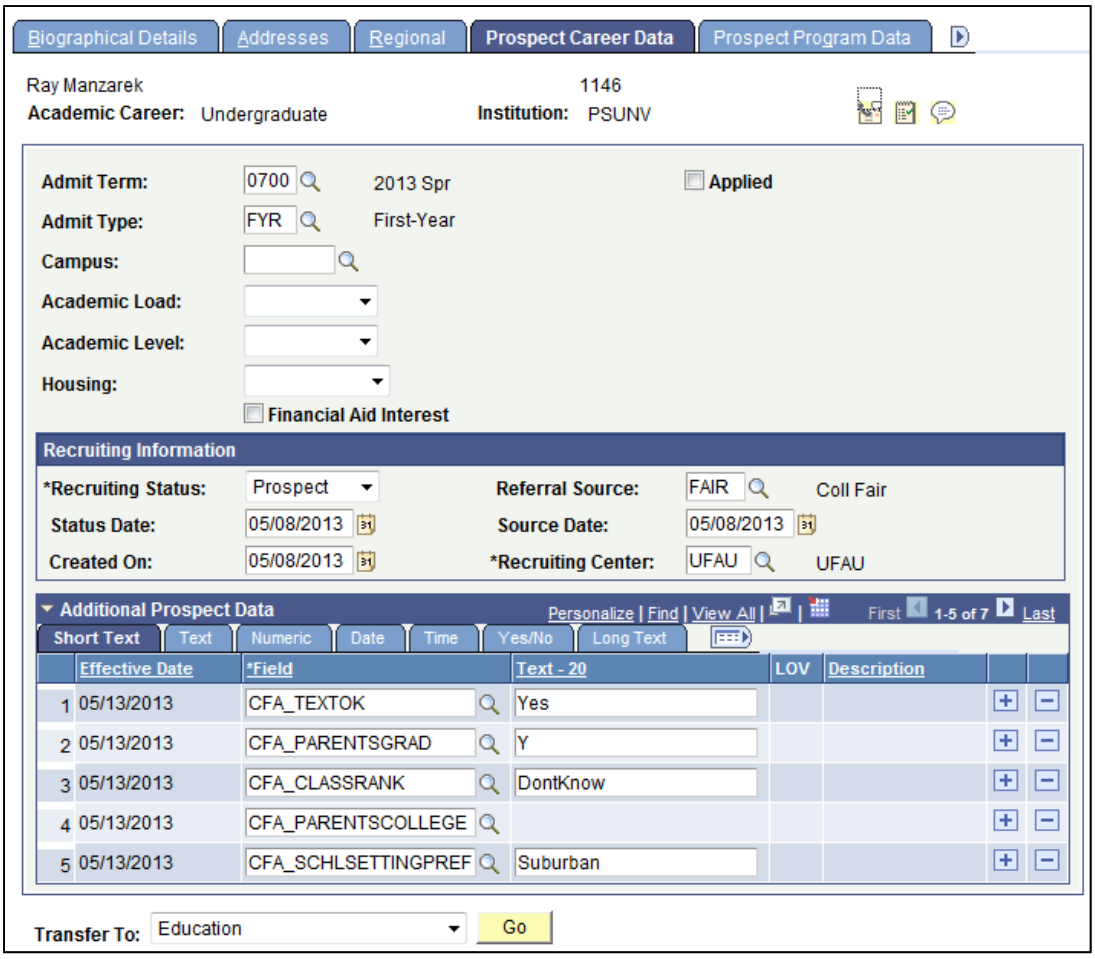
- Captures bio/demo by utilizing Constituent Transaction Management (CTM) data structures and staging components
- Enables staging and posting data by utilizing existing Transaction Setup and the Transaction Management Process
- Provides new application packages to post test scores, prospect data and other data to Campus Solutions as part of the existing Transaction Management Process
- Allows you to determine how existing constituent data should be updated by using the Data Update Rules feature
- Provides ability to create prospects via appropriate mapping definitions
- Extends the existing prospect and test score records by utilizing the Common Attribute Framework which allows you to identify and store additional test and prospect data not supported in the current structures.
- Provides a security structure for the staging components to restrict access to only those transactions a user can process.
- Utilizes the existing Enterprise Integration Points (EIPs) to exchange data between Campus Solutions and CRM for test scores, prospect data, academic interests, education data and extracurricular activities.

A high level diagram describing a common loading setup and loading sequence appears below.

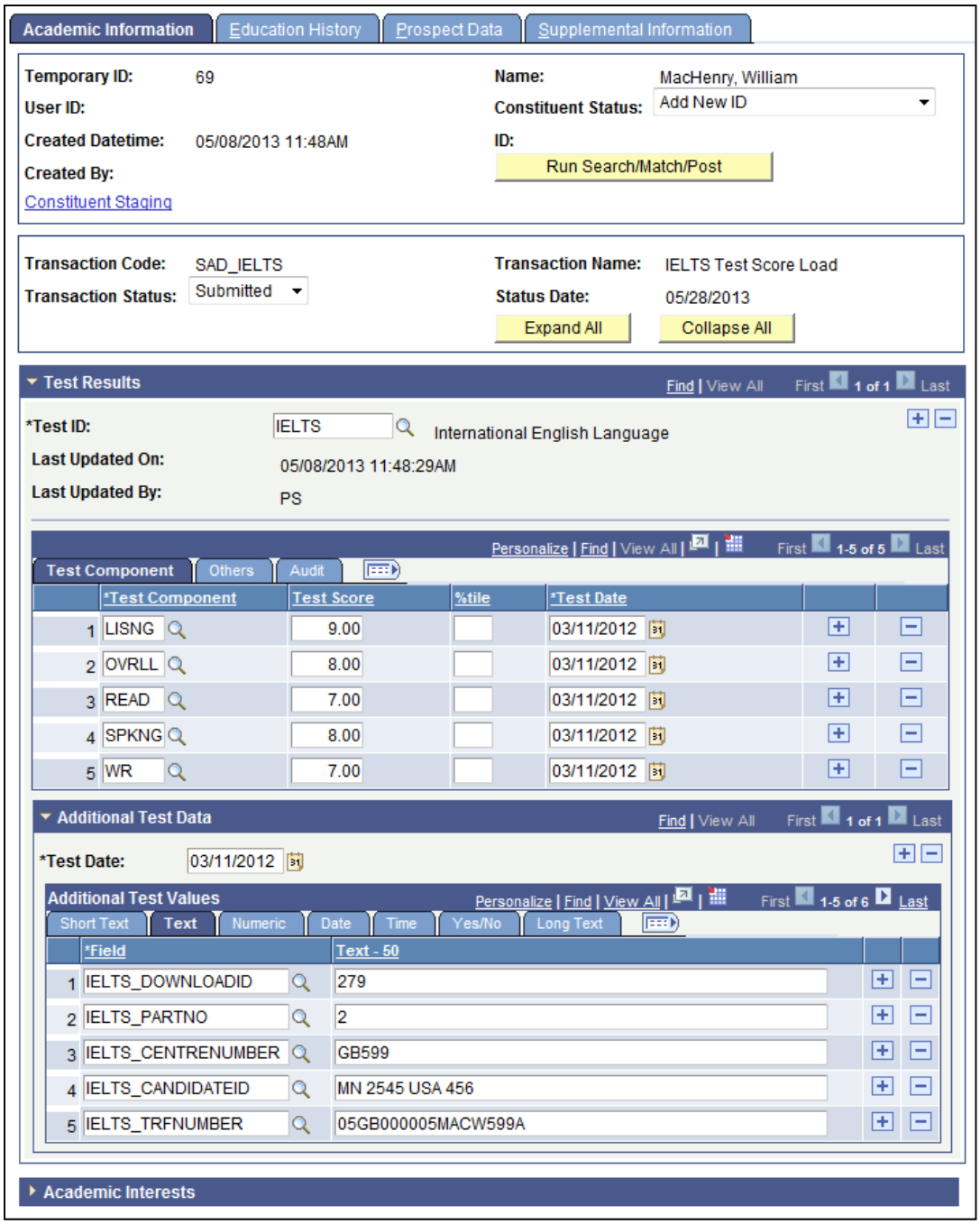


In July 2013, our plan is to deliver the initial phase of PDL functionality. This initial phase is targeted to provide examples for International English Testing Service (IELTS), Pearson Test of English (PTE) and College Fair Automation (CFA). This is anticipated to include:

- File Parser Setup for IELTS, PTE & CFA (Test Only, Test/Prospect & Prospect Only)
- New Transaction Application Package
- New Transaction Security Component
- New Prospect Configuration Component
- New Records for Common Attribute Framework - Test Score Candidate Data & Prospect Data. The page shot below illustrates how the Prospect Career Data page has been enabled to allow you to use the Common Attribute Framework for Additional Prospect Data to add data elements without customization.



- Shown below, the planned Prospect/Admission Staging Component has been enabled with the Common Attribute Framework allowing you to capture Additional Test Data.



- In addition to enabling these components with the Common Attribute Framework (C.A.F), customers should be aware that the framework itself is targeted to be enhanced for PDL in following ways:

- Ability to associate attributes to a staging record by extension, i.e. all of the attributes you associate with a regular production record can be made valid for that record's associated staging record without going to the trouble of creating a separate staging record C.A.F record context, copying the attributes from and to the staging record and then keeping both synchronized.
- Enhanced Prompting for additional test data: provide more control over what attributes are available when prompting against common attribute data elements. This update will make it possible to override the delivered prompt and use a custom view of values that can be filtered for a specific record context/functional area. For example, when selecting the prompt for additional test data, the user will see only the common attributes values associated for that specific test entity. As shown above, only IELTS related values would appear.

This initial phase is being deployed in order to provide the capability utilized by PDL to load IELTS, PTE, and CFA data to your data base. By providing working examples to our customers using recognized test and prospect layouts with setup and mapping completed for File Parser Field Conversion Definitions, Context Definitions and File Mapping Definitions, you will be able to perform the data loading and better understand this innovative feature. This first phase will also allow you to build other test score/prospect loads as needed for your institution using these initial examples for guidance.

Expected Benefits: Prospect/Admissions Data Loads

The ability to recognize and load data from external sources is an extremely powerful resource. This solution will benefit our customers in the following ways.

- Allowing customers to build and map new test and data loads heretofore not supported reduces the need for customizations and lowers the cost of ownership.
- This flexible utility allows you to load persons (such as Suspects and Prospects) in batch from most file formatted sources.
- Allowing you to create and maintain your own data load definitions will greatly improve your ability to respond to institutional needs and changing policy requirements.
- Customers will be able to plan and execute updates required by test agencies as the need them without having to wait for Campus Solutions to provide them.

Beyond Additional Features July 2013: Continued Migration to PDL

PDL represents an important step towards ending your reliance on Campus Solutions continuous support for various existing test score load processes. Working closely with the HEUG Admissions Product Advisory Group (PAG) during 2013-2014, we intend to begin the evolutionary migration from currently supported test scores to this new form of processing. It is our intention that this new paradigm will be used for loading all currently supported admissions related test score and data loads. This migration will occur over a number of bundles. It will introduce initial file mapping definition templates for currently supported test score loads which

will serve as the basis for load procedures. It is important to recognize that, as each new template for a test load is delivered, our customers will acquire the ability to respond to layout changes as announced by various test agencies and that Campus Solutions will no longer update the individual test load after its related PDL template has been deployed.

Future phases are targeted to begin the migration of currently supported test score loads to the new the PDL process in addition to enhancements to existing functionality and are anticipated to include:

- File Parser Setup for TOEFL, GRE, GMAT, ACT and EOS (Test Only and Test/Prospect)
- Enhancements to the Transaction Management Process for Search/Match Only capability
- Enhancements to User Security Replacement and Mass User Security Replacement to include Transaction Security
- New Transaction Purge Process

In order to make the transition to PDL smoother, we are working with the Admissions PAG on the best approach for knowledge transfer including recorded Advisor Webcasts, Transfer of Information recordings, and other documentation that will be delivered on an ongoing and sustained basis. By creating a common data load mechanism, we can provide a paradigm changing methodology that will allow customers to control and respond to outside test agencies and to create their own data loads depending on their business needs.

Student Records

Program Enrollment Updates

Program Enrollment describes an educational model where a student must generally complete a strictly defined set of courses towards the completion of their academic objective in a specified sequence; each of which are often structured in a series of levels or stages, where one stage must be successfully completed before a student can progress and enroll in the next set of courses. Program Enrollment provides a flexible structure that can enable institutions to apply this framework to various program requirements to design curricula and control enrollment within those curricula. We introduced our initial offerings in Additional Features July 2011 in which we concentrated on delivering the core setup that would support Program Enrollment functionality in later releases. In Additional Features January 2012 we introduced student data structures to support this flexible enrollment model: the Academic Progress Tracker (APT). In July 2012, we introduced enhancements that provided greater usability and extensibility to Program Enrollment including the ability to create Academic Item Registry (AIR) Course items directly from your Course Catalog and the adoption of the Common Attribute Framework in the AIR. In October 2012 we delivered important updates to support the management of the Academic Progress Tracker feature including:

- The ability to define an individual student 'term map' which allows for adjustments for individual students, e.g. if student stops out for a year.
- Enabled the Common Attribute Framework in the Academic Progress Tracker to provide attributes that can be assigned at the APT Instance.
- An API that manages the creation and updating of APT data from sources outside of the APT component.

In Additional Features April 2013, we introduced major features for Program Enrollment.

- Student access to Program Enrollment transactions which included:
  - Enrollment based on a new *Schedule Builder* feature
  - Self-Service view of APT enabling students to use this data for planning purposes (*My Education Plan*) and enrollment by adding/removing course items from their APT
- Ability to create and apply rules to students in program curricula using the Rules Engine.
- Academic Progress Tracker (APT) Request and Academic Progress Tracker (APT) Enrollment; Run Control and Processes (utilizing Population Selection) that allow the assignment of curriculum and enrollment to multiple students.

In July 2013, our focus is on supporting and extending the critical connection between Rules Engine functionality and Program Enrollment.

- Direct Integration with Rules Engine functionality will allow you to add rules to items in the academic item registry. The following set up items are planned for use with Program Enrollment Self-Service:
- Rules Engine Rule Group definition: A Rule Group designed specifically for use with delivered Program Enrollment student self-service is planned. A Rule Group definition determines what data needs to be passed into a rule and the data that can be returned from it. The delivered rule group will enable correct invocation of user defined rules from the self-service user interface.
- Program Enrollment Rule Type definitions: A rule type provides the link between Academic Item Registry items and the Rules Engine Rule Group. System Rule type definitions are planned for use in student self-service for Program Enrollment.
- Program Enrollment Rule Execution Event definition: A rule execution event determines when a rule might be executed in a particular user interface. The event determines the 'place' (i.e. the component, page and field) and the action that will trigger the rule, for example when a user clicks a particular button or other page control. Once the event has been defined, one or more Rule Types can be tied to it. In combination, the event determines when rules are invoked and what type of rules will be processed by the Rules Engine.
- Rule invocation from Program Enrollment Student Self-Service: Rules Integration efforts will be focused on the My Education Plan component, providing the means to invoke rules when a user adds a course to their APT instance or when they elect to validate all of their selections for a planning period. The rule invocation will be based on delivered execution events and rule types.

Other updates to the Program Enrollment APT Request processing are targeted:

- Seeding with assigned Program curriculum instance by user defined criteria. This will allow users to seed (or populate) an APT instance with a specified planning node rather than the default 'next planning node' processing. This supports non-sequential program structures, such as those configured for student to pursue multiple majors each year.
- In response to suggestions from our customers, we are planning to provide the ability to delete a program planning node for individual or a selected population of students. This will allow program administrators to specify and delete portions of a curriculum already assigned to students if it has been changed or updated by the institution.

Expected Benefits: Program Enrollment

With each Additional Feature bundle, Program Enrollment's design continues to evolve to provide important fundamental benefits to our customers which include:

- Flexibility: The Academic Item Registry (AIR) provides institutions with a configurable framework that supports both controlled program curricula and flexible program structures.

- Usability: Feature functionality such as Build Program by Format provides institutions with an intuitive way in which to build out their program curricula including the ability to share academic items such as course lists and course groups between programs of study.
- Extensibility: With the introduction of the Common Attribute Framework, we have enhanced the ability to define and store critical institutional specific data items.
- Institutional Applicability: The Rules Engine provides customers with a powerful tool that allows them to enforce academic policy and regulations by creating business rules tailored to meeting specific requirements and to apply them to program curriculum.
- Student Centered: Supports the various business processes that center on the management of student program data that provide planning and enrollment capabilities to track student progression through program completion. Program enrollment also provides the ability to build out individualized program structures for students, where the requirements differ from the standard program curriculum

Beyond Additional Features July 2013: Planned Additions to Program Enrollment

Our Continuous Delivery model allows us to build upon, update, and extend Program Enrollment over multiple bundles. By introducing new Program Enrollment features that provide a significant new range of functionality we anticipate that our customers will take the opportunity to evaluate new capabilities, review documentation, and begin their analysis for how they can leverage these features on an ongoing basis. Upcoming Additional Feature bundles are targeted to include:

- Extension of the Rules Engine Framework to include Rule Execution including batch processing and refinement of Rules Execution Events in transaction pages.
- Enrollment enhancements for matching students with particular course sections Class Search for Program Enrollment Students: The ability to further control class searches based on characteristics of the student and classes (from the self-service Schedule Builder component). Planned "matching" functionality is targeted to match Common Attribute Framework based attributes of the student with those for searchable classes thereby restricting students to view only appropriate class sections.
- Enhancements to Program Enrollment based student self-service features including integration with the Notification Framework to allow delivered alerts to push out student notifications to student service home pagelets.
- Overall program curriculum views for Prospects and Applicants
- The Faculty and Advisor and Administrative role based user experience to support program and individual course selection, approval, advisement, and exception tasks.
- Ability for students to make requests for permissions, approvals, exceptions, and curriculum changes to advisors or other appropriate administrators.

Activity Management Updates

Activity Management functionality is being delivered over several releases. The Activity Registry structure delivered in Additional Features July 2011 for Activity Management set the foundation to manage marks and exams in Campus Solutions. The registry ties to the course catalog and allows users to define granular course grading structures. The Additional Features January 2012 release carried that structure to the schedule level and allowed administrative users to manage and organize class content. The Additional Features April 2012 refined the earlier releases and introduced support for exam scheduling and exam only courses. With Additional Features July 2012 the Common Attribute Framework was incorporated into the Activity Registry, Exam Only Course support was enhanced and Content Conditions became functional in the Activity Manager. Additional Features October 2012 focused on the record to support student enrollment: the *Individual Activity Manager* (IAM). In Additional Features April 2013, we delivered important self service and administrative functionality including:

- Creating Individual Activity Managers (IAM)
  - IAM Creation based automatically on Student Enrollment
  - IAM Batch Generator using Student Enrollment
  - IAM Batch Generator using APT
- Activity Rosters
  - The Roster Summary
  - The Activity Roster
  - The Result Roster
  - The Extenuating Circumstances component
- Other updates included:
  - Updates to the Activity Definition**:** IAM Entities – set the foundation for incorporating the Common Attribute Framework into the IAM
  - Updates to the Activity Registry**:** Effective Date Logic update addressed new effective dates for all courses associated to a specific registry.
  - Updates to the Activity Generator & Activity Manager**:** Dates/Duration Enhancement – supports differing start dates for the multiple classes associated to a course root.
  - Updates to the Individual Activity Manager: Common Attribute Framework (C.A.F.) – introduces attributes for activity detail and activity results in the IAM.

Additional Features July 2013 represents the latest installment in a series of continuous deliverables for Activity Management and is targeted to include:

Rules Engine Integration

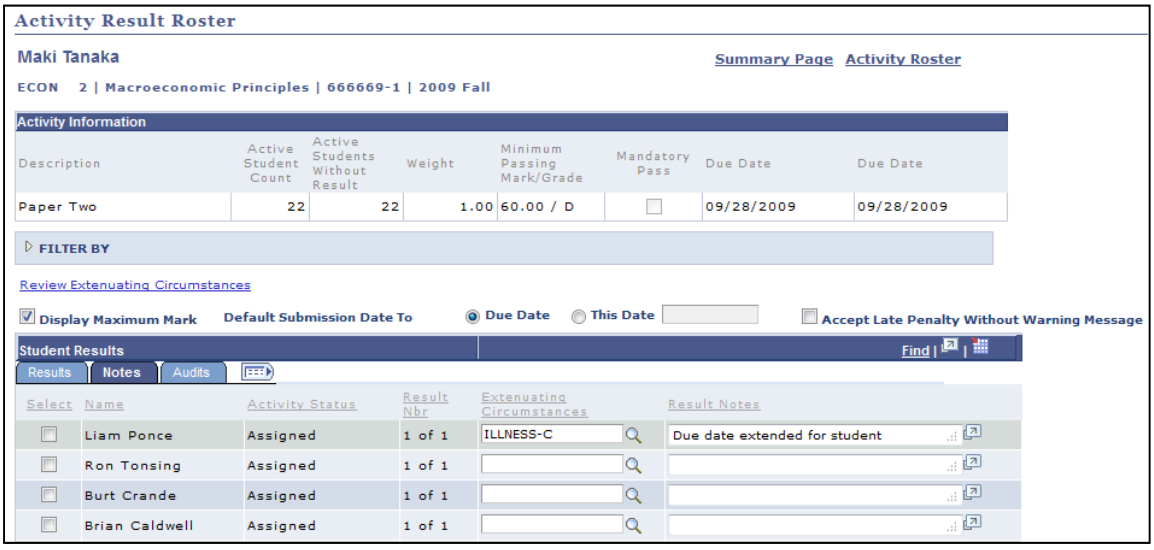
One of the fundamental uses of Activity Management is to organize, calculate and record student performance in assignments, exams, and projects in order to provide overall class results and grades. We plan to use the Rules Engine in order to provide a flexible method to achieve this function. In Additional Features July 2013 we plan to:

- Deploy the necessary changes to Activity Management core setup to support rules recognition, assignment and usage, including adding submission date and late penalty processing edits to the Result Roster and a mandatory fail setting to the Result Scale.
- Deliver developer level sample rules for late penalty processing, allowing schools to set capped, daily, fixed, one time or weekly penalties.
- Deliver an expert level sample rule in support of the Primary Activity Result – this calculation takes raw activity results and calculates the official result for the course. Incorporated into this rule are exceptions for extra credit, insufficient marks, and mandatory pass rules.

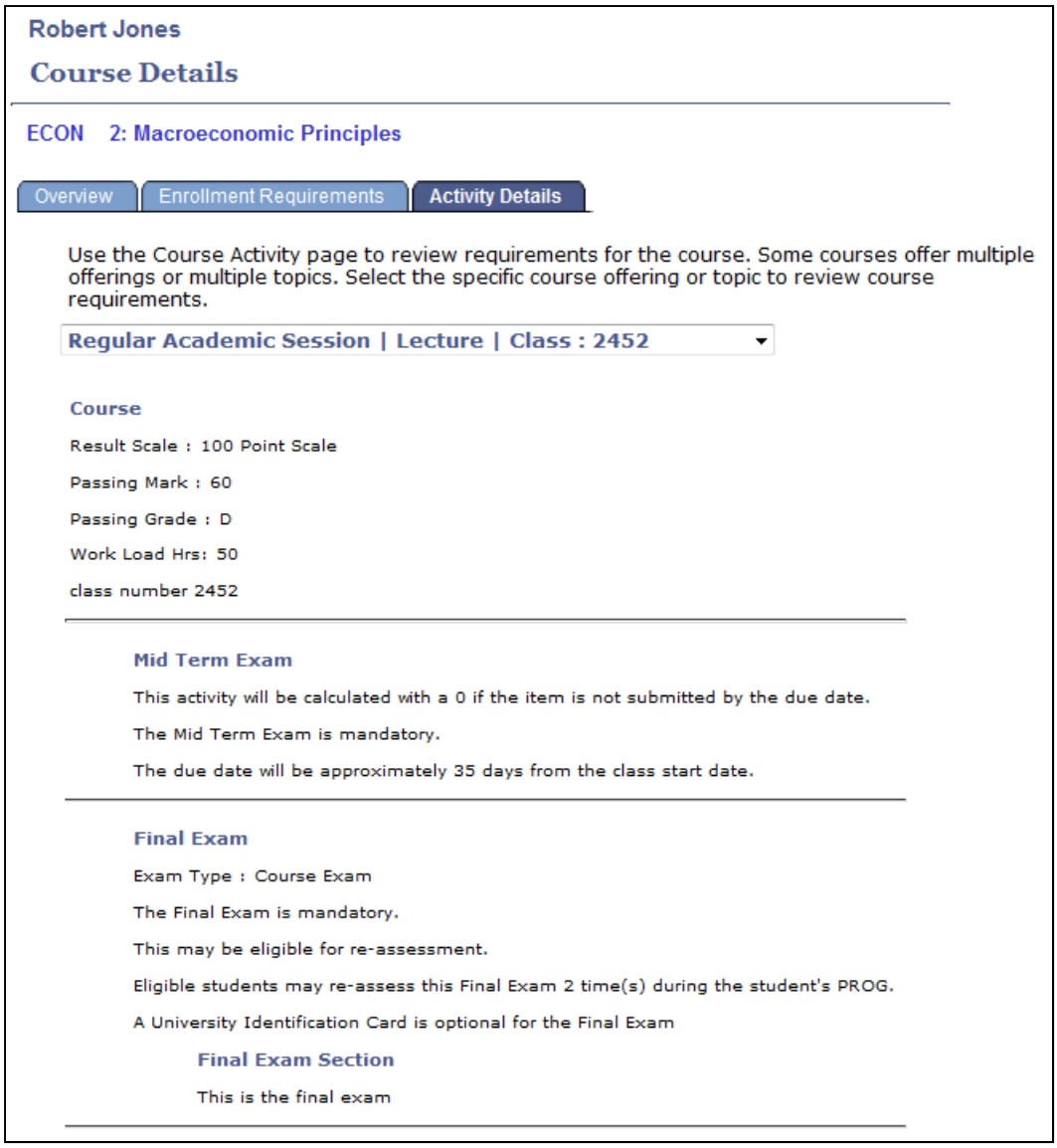
Self Service

Planned enhancements to the Activity Management WorkCenter include:

- Student Photos on Activity Rosters
- Assignment of attachments to activities
- Recording of extenuating circumstances as shown below.



- Student views of the Activity Registry and Activity Manager. Shown below is the auto-generated text that a student would see of their assignments for a specific class as it has been configured using Activity Management functionality.



Expected Benefits: Activity Management

Activity Management allows you to use extensive feature functions to construct basic course structure and its content and to define the result structure that maps marks, grades and outcomes that are required by various academic areas, programs, and courses applicable to your institution.

The fundamental benefits of Activity Management are its configurability and reusability.

- You can configure course grading structures, apply them to multiple courses and choose how to manage required coursework. Institutions can also configure their individual examination requirements.
- You can reuse the course grading structures and associate them to similar courses throughout your course catalog. Extensive copy features within the Activity Registry can be used to streamline data entry.
- The unique design and easy generation of the Individual Activity Manager reduces administrative effort by providing an administrative view of a student's coursework requirements and the current status of each of those activities.
- Activity Rosters provide administrators, course managers and faculty a single set of linked components that allows easy, security driven access to assessment actions.
- The Activity Management WorkCenter collects the all important roster functionality in a single, efficient location which can be configured by users and managers.
- Rules Engine functionality will provide a flexible and comprehensive method for collecting class individual student assessment data, calculating performance, and recording results.
- Student access to Activity Management information will provide a user friendly description of class assignments, assessment requirements, and specific expectations about academic performance.

Beyond Additional Features July 2013: Planned Additions to Activity Management

Our Continuous Delivery model allows us to build upon, update, and extend Activity Management over multiple bundles. By introducing new Activity Management features that provide a significant new range of functionality we anticipate that our customers will take the opportunity to evaluate new capabilities, review documentation, and begin their analysis for how they can leverage these features on an ongoing basis. Upcoming Additional Feature bundles are targeted to include:

- Continued integration with the Rules Engine, including re-assessment evaluation
- Ensuring that enrollment transactions are reflected in Activity Management is essential to timely and accurate academic record maintenance. Synchronizing Activity Management between core student functions and Program Enrollment Academic Progress Tracker provide the batch and automatic processes to build an Individual Activity Manager (IAM) based on student enrollment.
- Enhancement of the grading process with anonymous grading, the ability to import results calculated outside the system, and the mass assignment of results to students
- Provide a comprehensive student interface allowing students to select assignments and exams, confirm exam attendance, and review results.

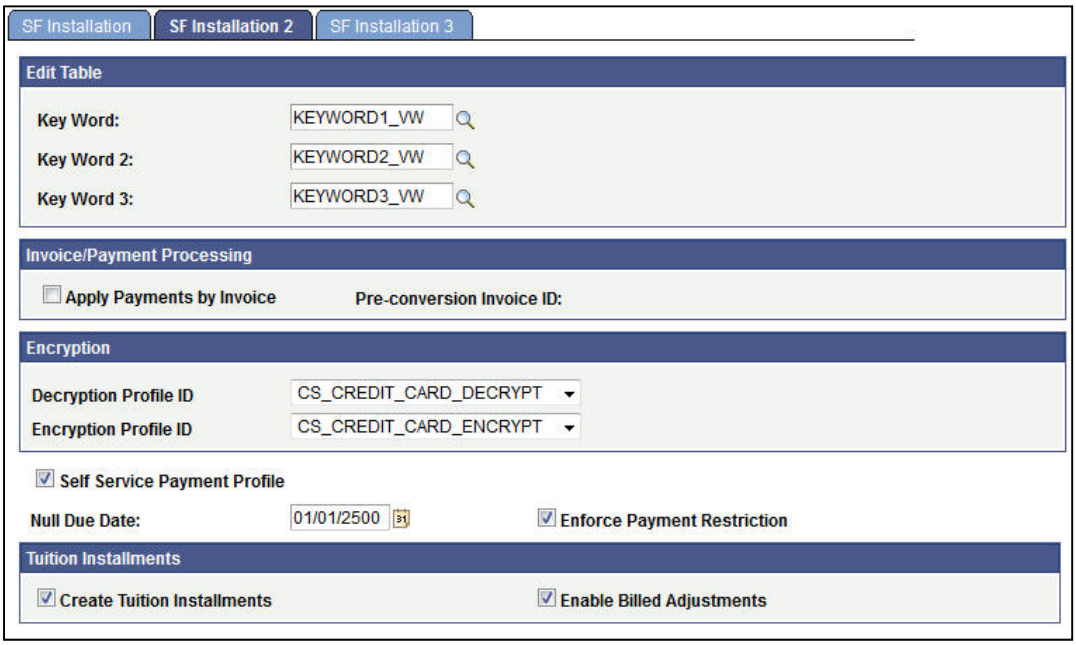
Student Financials

Tuition Calculation Waiver Enhancement Updates

One of the top enhancement requests from our expanding global customer base using Student Financials is in the area of Tuition Calculation Waivers. Use of this functionality continues to expand, with different models of usage found in different countries. In Additional Features October 2012, we delivered new functionality that enhanced Tuition Calculation Waiver processing that provides the option for applying the waiver on tuition "gross amount" or the "net amount" and to allow for prioritizing multiple waivers, prorating dropped units and overriding a waiver at the student assignment level. In Additional Features April 2013, Campus Solutions delivered new functionality to enhance the Posting Select Charges to Pay and Tuition Calculation Waiver processing to provide the ability to restrict the payment or waiver. In Additional Features July 2013, the final phase of Tuition Calculation Waiver Enhancements, Campus Solutions is planning to deliver new functionality to enhance the Tuition Calculation Waiver processing to provide the option of creating Tuition Calculation Installments and to apply waivers proportionally to the installments.

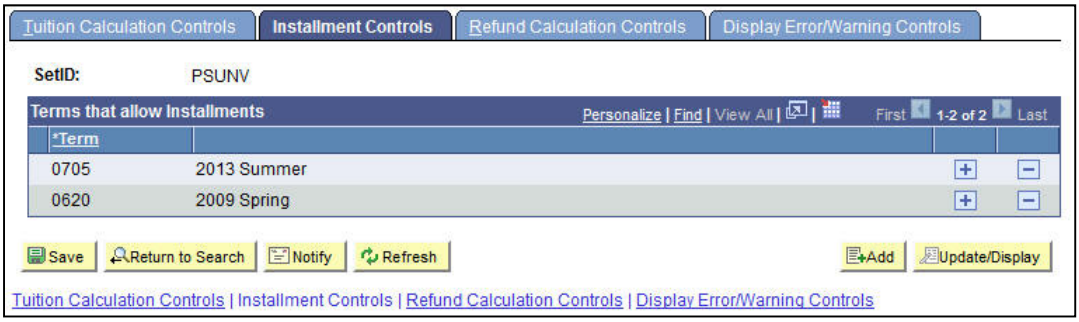
SF Installation

Planned functionality will allow institutions to select the option to Create Tuition Installments and determine if any billed installments can be adjusted.



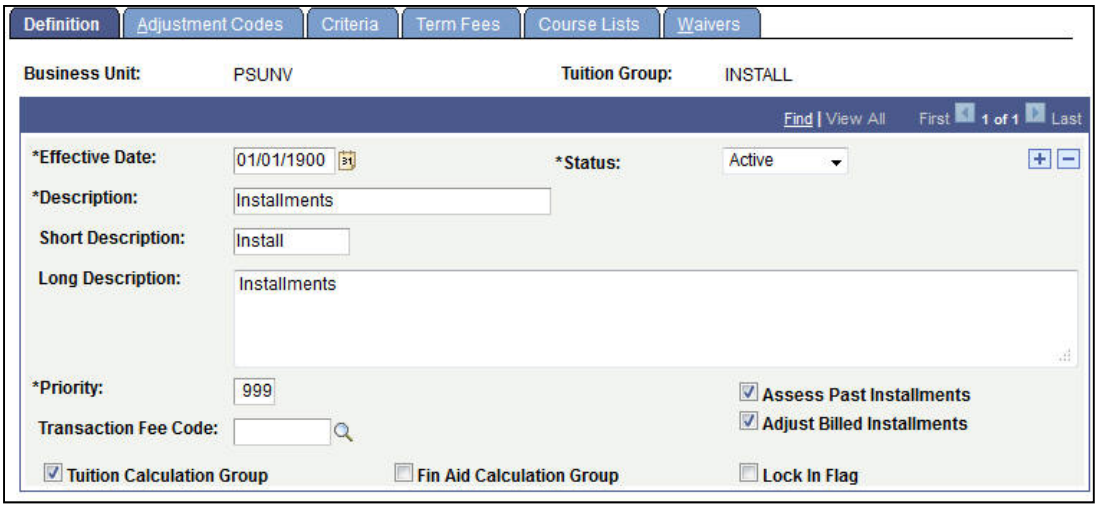
Tuition Calculation Controls

The Tuition Calculation Controls will provide the administrator the option to identify the Terms That Allow Installments.



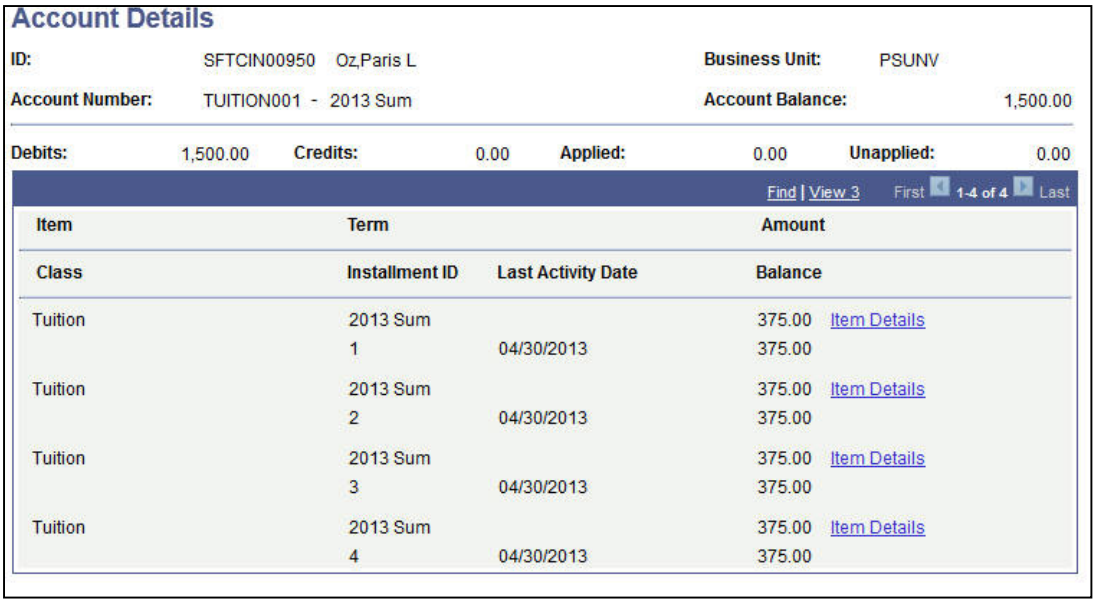
Tuition Groups

The planned functionality of creating installments will provide two additional flags on the Tuition Group setup to allow the administrator to indicate if installments with a past due date can be created and/or if billed adjustments are allowed to be adjusted.



View Customer Accounts

The Customer Account is expected to be enhanced to allow the administrative user to view and identify the installment numbers.



Account Details

ID: SFTCIN00950 Oz,Paris L Business Unit: PSUNV

Account Number: TUITION001 - 2013 Sum Account Balance: 1,500.00

Debits: 1,500.00 Credits: 0.00 Applied: 0.00 Unapplied: 0.00

Find | View 3 First 1-4 of 4 Last

Item	Term		Amount	
Class	Installment ID	Last Activity Date	Balance	
Tuition	2013 Sum		375.00	Item Details
	1	04/30/2013	375.00	
Tuition	2013 Sum		375.00	Item Details
	2	04/30/2013	375.00	
Tuition	2013 Sum		375.00	Item Details
	3	04/30/2013	375.00	
Tuition	2013 Sum		375.00	Item Details
	4	04/30/2013	375.00	

Expected Benefits: Restricting Payments and Tuition Calculation Waiver Enhancement

Planned enhancements to Tuition Calculation Waivers are focused on increasing usability and accuracy. Benefits that our customers should anticipate include:

- Tailoring tuition calc waivers to specific students allows Student Financials operations to provide flexible, student centered services
- The ability to apply proportional tuition calculation waivers across tuition calc installments supports integrated efficiency with general ledger business processes
- Easy identification of the installments on the account inquiry pages improves usability.
- Accurate billing invoices that reflect tuition installments and waivers provide students with inclusive and timely information about financial requirements.

Targeted Regulatory Updates July 2013

In most countries Higher Education is a highly regulated industry. Regulatory requirements not only include adherence to Financial Aid processing, but also include numerous requirements for regulatory admissions and payment processing, data requirements, and reporting in order to conduct day to day business. The following items are planned for delivery to support some of these requirements.

Australia

SA-HELP Updates

- Update the SA-HELP Deferral process to run the process multiple times so changes to the Student Amenities Fee (SA Fee) amounts can be considered and the SA-HELP deferral waiver amount can be updated or completely deleted.
- Improve performance for the SA-HELP Deferral process

Netherlands

Studielink 5.0

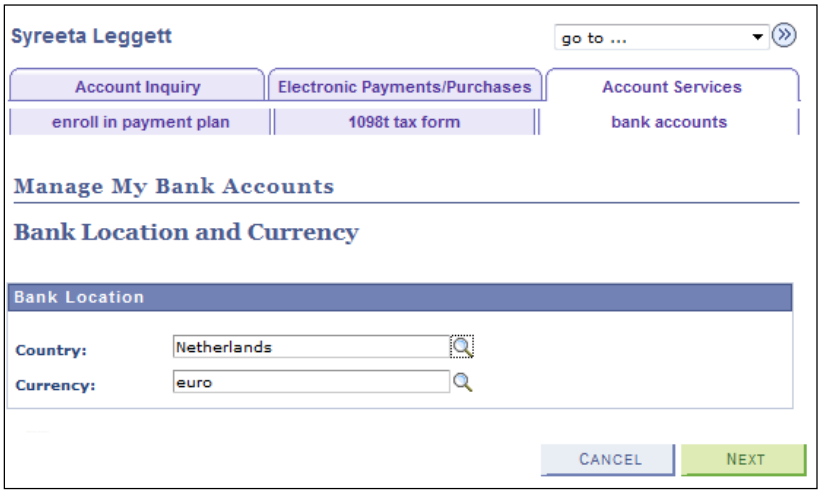
Studielink provides Dutch Applicants and Students with one Centralized Admissions Portal. Studielink streamlines the Admissions process for Dutch Institutions as well as provides services for exchange of information involved with the yearly registration process. The following items, planned for delivery in the Studielink NLD Process, should provide Dutch Campus Solutions with support for key legislative changes and new functionality such as:

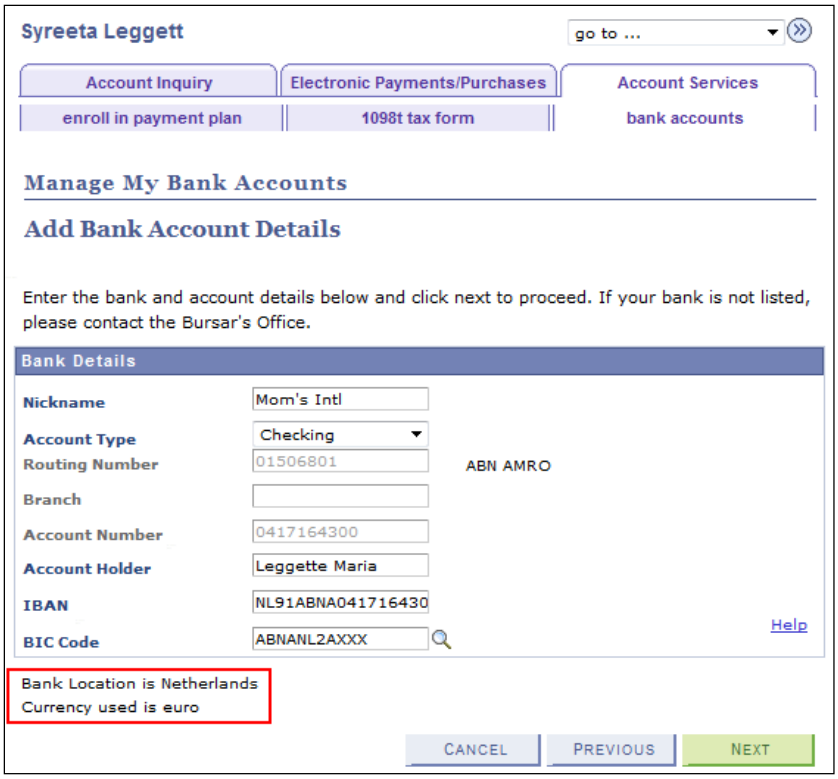
- Introduction of a unique Studielink Enrollment Sequence Number to all messages, pages and logic specific to admissions and registration.
- A conversion process which will, based on message 50, update all registered Studielink Admissions and Registrations with a valid Studielink Enrollment Sequence Number.
- Enhancement for functionality for processing outbound and inbound non-Dutch addresses
- Processing of IBAN and BIC in those messages containing the billing block specification.
- Administration of SEPA Mandate, a contractual agreement between the Institution and the Student legally required for deduction of direct debits according to SEPA Direct Debit processing.
- The ability to send Mailing addresses through outbound Admission Request message.

SF Core Banking Enhancements - NLD Impacts

Recognizing our growing global footprint and requirements stemming from the Netherlands for SEPA (Single European Payment Area) compliance, we plan to enhance existing core banking features in Student Financials. We are planning to provide a more generic feature to be used by our global customer base and for various features within Campus Solutions. Expanding this to a global audience will allow for the creation of bank accounts for any country and currency and more importantly support compliance with SEPA regulations for the Netherlands Banking Interface. Planned enhancements include:

- Update the Country and Currency Code fields to allow selection for both Administrative user and Student (via self-service). The Country Code and Currency Code fields on the Bank Accounts-Student page will be enabled for data entry, thus allowing more flexibility in creating bank accounts.
- Relax existing tight coupling with the "Refunding through AP Direct Deposit" feature
- Use the Student Financials core bank record (SSF_BANK_ACCT) to store the NLD banking information.
- A planned conversion App Engine process to allow migrating existing bank account details from the current NLD Bank Records to the Student Financials core banking record (SSF_BANK_ACCT).
- Modify existing Student Self Service Manage My Bank Accounts pages for bank account creation to cater to broader needs and not just Refunding – AP Direct Deposit. This will include allowing the student to enter the Country and Currency of the bank account being created.





These planned updates to Student Financials Core Banking will not only benefit the Netherlands but will also provide the following:

- Ability to create bank accounts for any country and/or currency.
- Opens the banking model for consumption by other areas in Campus Solutions.
- Provides a single source of truth for all banking needs in Campus Solutions.
- The Student Financials core bank record SSF_BANK_ACCT is SEPA (Single European Payment Area) compliant and already has the requisite IBAN and BIC details. It can hold all bank account related data. The IBAN and Bank Account Numbers are encrypted and stored.
- Existing edits and entry of IBAN and other account information is similar to those done in HCM 9.1 and FSCM 9.0+.

SF NLD Banking Enhancements

We plan to deliver dedicated pages on which Dutch customers will be able to administer those data elements which are specific for NLD business processes. The following features planned for release should make navigation and administration efforts seamless:

- Hyperlinks allow for easy navigation between Core Bank Accounts and NLD Bank Accounts pages.
- Customers using PeopleTools 8.51 or higher will be able to navigate from Core Bank Accounts to NLD Accounts, Setup Pages and SEPA Mandate registration using the Bank Accounts Work Center.

United Kingdom

Planned updates for the July 2013 bundle include required updates for UCAS and GTTR admissions for the 2014 admissions cycle.

UCAS 2014

For UCAS this includes the import of the new Student Visa Study field and the ability to import multiple personal statements and offer records by timestamp and to view the history of changes. A number of search and application pages are also enhanced to assist with paperless processing.

GTTR

For GTTR planned updates include updates to handle parallel choice processing and the import of the new choice number value. The round number and choice number are combined into a single value with the first digit indicating the round and the second digit indicating the choice number. The update also includes the import and display of additional data fields from ivgStarG, ivgStarK, ivgFirstDegree and the new cvgRefDegreeType reference data view.

United States

Financial Aid FISAP Updates

Planned updates include generating the Fiscal Operations Report and Application to Participate (FISAP) to enable reporting for the 2012-2013 aid year data in order to apply for campus-based funds for the 2014-2015 aid year.

Student Financials 1098T 2013 Updates

An updated template for the 1098T form is planned for 2013.

SEVIS Release 6.13

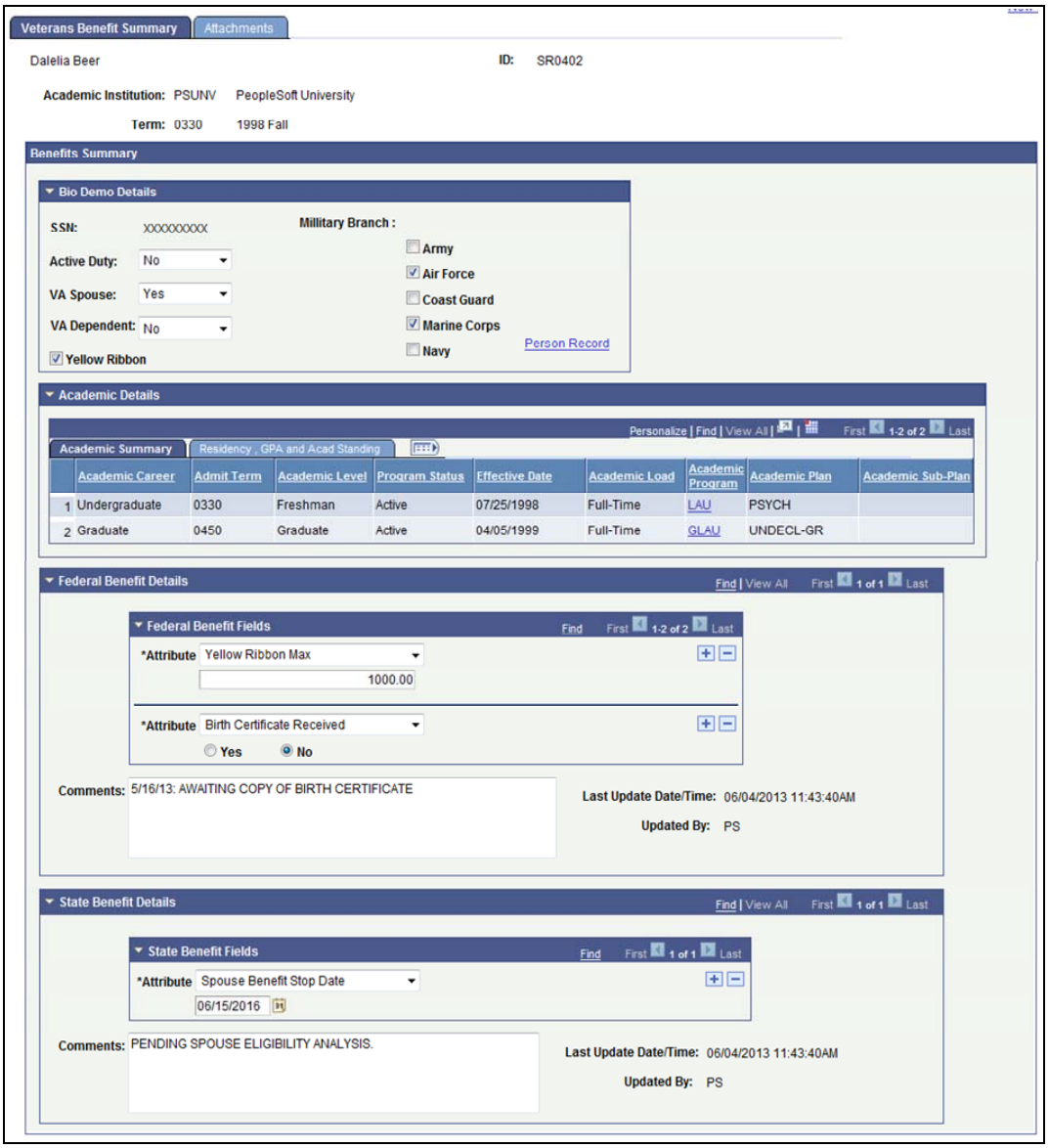
Tentatively scheduled by SEVP to go into production at the end of May 2013, SEVIS Release 6.13 included changes to the J Visa Alerts, export and import processes to support schema changes for Site of Activity as well as the import of the new Site ID assigned by SEVIS for each Site of Activity. The Site ID was also added to the Site of Activity review, history and master records. (Note: this updated was made available to customers in April, 2013.)

Veterans Benefits

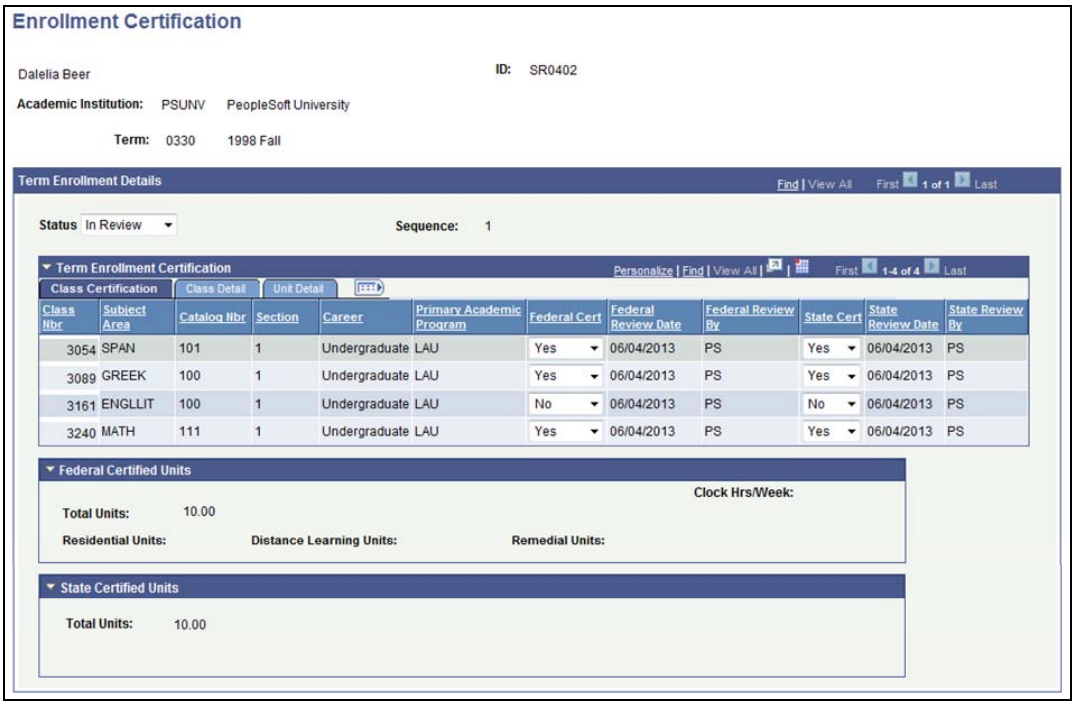
In response to extensive and comprehensive requests from customers including the HEUG Student Financials and Student Records Product Advisory Groups, we are planning to deploy new functionality to support the determination and tracking of educational benefits as defined by the US Department of Veterans Affairs for veterans and their families. Targeted functionality includes:

Expected benefits include:

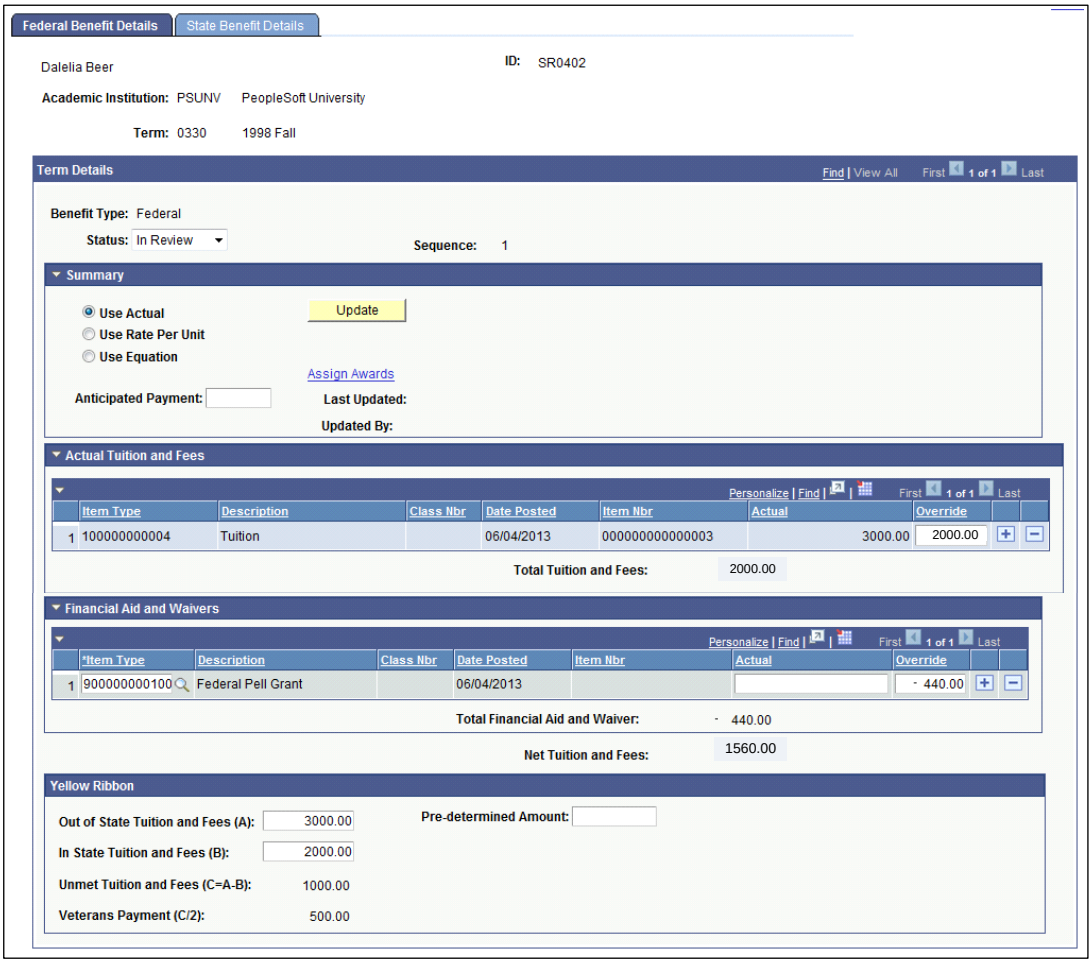
- Provides for Federal and State Veterans Benefit eligibility data capture for a student in the context of a term using the Common Attribute Framework.
- Ability to attach required documents and notes to appropriate components.
- Displays academic details, residency and academic standing information used in eligibility assessment, as illustrated below.



- Enrollment Certification
  - Enrollment Certification displays the student's enrollment information used to determine whether a class is eligible for Veterans Benefit reporting and funding for both federal and state benefits, if applicable.
  - Provides a history of enrollment certifications by term.



- Veterans Tuition Worksheet
  - Tuition Worksheet provides tools to assist an administrative user in the calculation of the Veterans Benefit net tuition and fees for federal and state benefits, if applicable.
  - Three calculation methods (Actual, Rate Per Unit and Equation Engine) are provided to assist in the calculation of net tuition and fees.
  - If the student is a Yellow Ribbon participant, a region is displayed to calculate and store the Yellow Ribbon amount.



Veterans Payment History displays a summary of payments and adjustments disbursed onto the student's account.

- Setup
  - Instruction Mode Mapping: Maps the class instruction mode to the Veterans Benefit categories of Residential and Distance used in Enrollment Certification.
  - Net Tuition and Fees Calculation Setup: Identifies the item type groups eligible for the Veterans Benefit net tuition and fees calculation.
  - Payment Mapping: Identifies the item type groups that represent the Veterans Benefits payments disbursed to the student's account.
- New Processes
  - Rollover Benefits Summary: Rolls over the Benefit Summary information from one term to the next
  - Create/Update Term: Creates and updates the Tuition Worksheet and Enrollment Certification pages

The US Veterans Benefit feature is intended to enable our U.S. customer base to meet the basic requirements for data capture, tracking, analysis and reporting of funding from the U.S. government for students receiving Veterans Benefits.

Anticipated Documentation for Additional Features July 2013

In order to gain a thorough understanding of important new functionality, extensive documentation is planned, updated, and deployed for each Additional Feature bundle. These planned references represent our commitment to keep you informed and prepared to take full advantage of the features that are available through our Continuous Delivery Model. Customers should visit *My Oracle Support* PeopleSoft Enterprise Campus Solutions Documentation Home Page (Doc ID 751540.1) for access when Additional Features July 2013 is made available.

Planned Campus Solutions Bundle #30 functional documentation includes:

- For SF Tuition Calculation Waivers refer to: CS_Bundle_30_Student_Financials_9_0.pdf
- For Prospects/Applicants Data Load (PDL) refer to: CS_Bundle_30_Recruiting_and_Admissions_9_0.pdf
- For Program Enrollment Updates refer to: PEAM Program Enrollment Documentation.pdf
- For Activity Management Updates refer to: PEAM Activity Management Documentation.pdf
- For the Rules Engine Updates refer to: CS_Bundle_30_Campus_Community_9_0.pdf
- For Regulatory Updates July 2013:
  - Australia
    - For SA-Help refer to CS_Bundle_30_Student_Records_9_0.pdf
  - Netherlands
    - For StudieLink 5.0 refer to CS_Bundle_30_Recruiting_and_Admissions_9_0.pdf
    - For SF Core Banking Enhancements for NLD refer to CS_Bundle_30_Student_Financials_9_0.pdf
  - United Kingdom
    - For UCAS 2014 Updates refer to CS_Bundle_30_Recruiting_and_Admissions_9_0.pdf
  - United States
    - For Financial Aid: FISAP 2013 refer to CS_Bundle_30_Financial_Aid_9_0.pdf
    - For Student Records: Veterans Benefits: refer to CS_Bundle_30_Student_Records_9_0.pdf

Conclusion

The introduction of the extensive functionality in Additional Features July 2013 illustrates Oracle's commitment to advancing innovative functional models for Campus Solutions to serve a world-wide customer base. We can do this by employing a Continuous Delivery Model which provides the ability to take advantage of new and important strategic technology and agile design on an ongoing and sustained basis. The Campus Solutions Additional Features July 2013 is intended to meet customer needs, extend value, and provide leadership for our global higher education community. We encourage all business areas to evaluate the content of this Additional Features bundle for applicability to their business processes.

Campus Solutions 9.0
Additional Features July 2013
Pre-Release Notes
July 2013

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