Program Enrollment Additions to Student Records Functionality

Note: For further information about Program Enrollment, refer to the PEAM Program Enrollment Documentation.pdf on My Oracle Support (ID 1400723.1)

Class Associations

October 2012: New

Using Common Attribute Framework for Class Associations

This section provides an overview of how to extend the delivered Class Associations structure by defining attributes for use with class associations using the Common Attribute Framework. It also discusses how to assign those attributes.

This feature is initially intended for use in Program Enrollment self-service class search and administrative enrollment (to be delivered in a future update) by matching students to specific class sections using attributes from the association and from the student's academic progress tracker record. For example, a student with a language of Spanish would be assigned to sections for which the attribute is Language/Spanish. Beyond this specific use case, the Common Attribute Framework allows you to add different types of data elements to your scheduled classes at the class association level. There are eight types of Item Attributes that can be defined:

- Date
- Time
- Yes/No
- Short Text (20 character description)
- Text (50 character Description)
- Long Text (unlimited, with rich text editing)
- List of Values (based on user defined ad-hoc values, table or translate values)
- Numeric

Attributes are associated with a functional area by a *Record Context*. Common Attributes have been enabled for Class Associations as follows:

Record Context: CLASS_ASSOC
Attribute Record: SSR_ASSOC_CAF

Attributes attached to this Record Context/Attribute Record combination are available for use with Class Associations and can be assigned on the Class Components page of the Adjust Class Associations component and also from the Basic Data page of the Schedule New Course and Maintain Schedule of Classes components.
See: "Working with Common Attribute Framework" in the Campus Community Bundle 26 documentation on My Oracle Support.
See: "Using Academic Item Attributes"

Steps for Creating Common Attributes for Class Associations

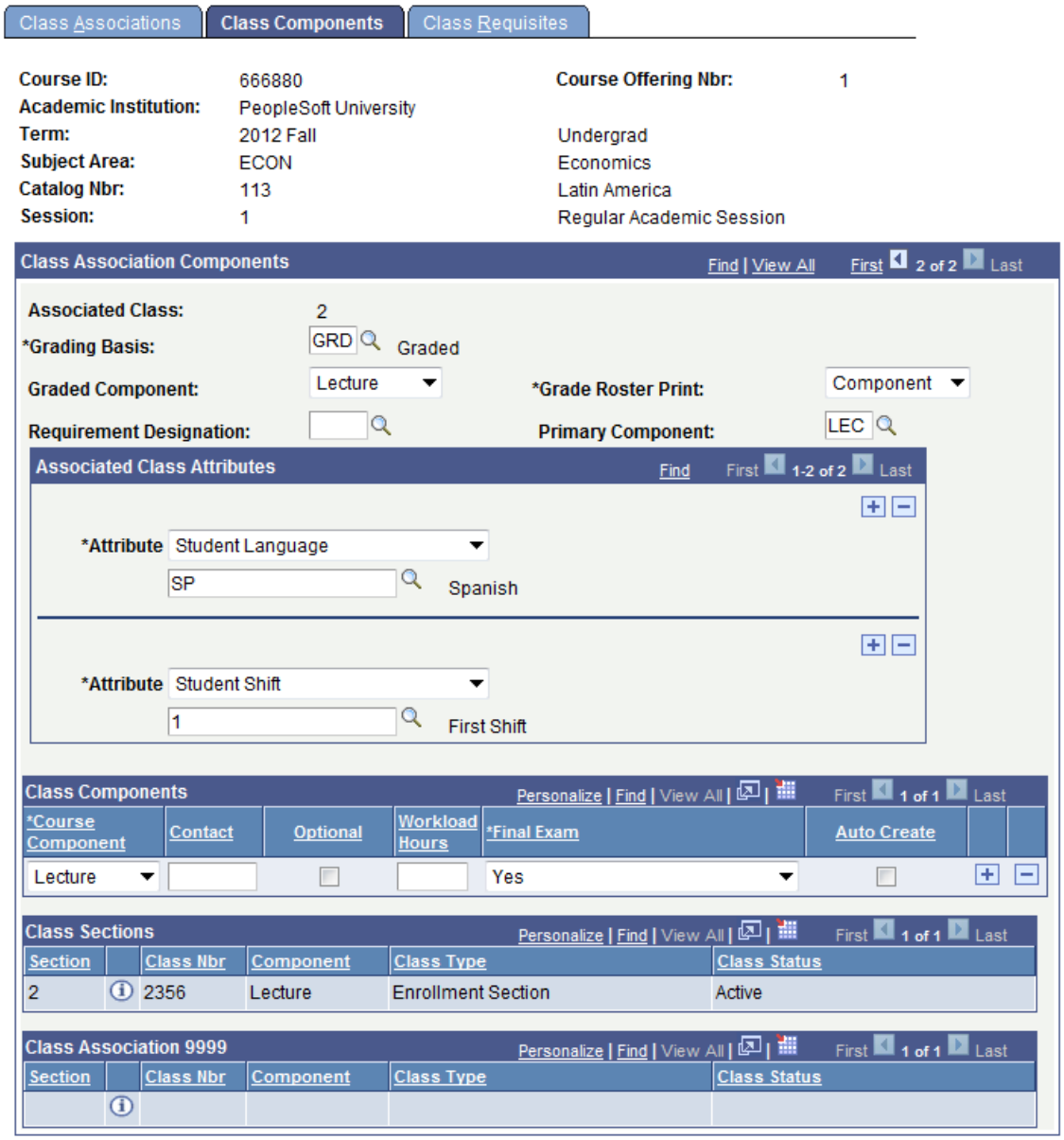
1. Define the attribute using the Common Attribute component.
2. Attach that attribute to the Class Association (CLASS_ASSOC) Record Context.

Note: The Record Context allows you to set certain properties for a particular attribute in that context, including whether an attribute is repeatable or required. *However, we strongly recommend that users do not make CLASS_ASSOC attributes* ***required*** *since this will mean that that attribute will be required for all sections of every class you schedule.*

See: "Working with Common Attribute Framework" in the Campus Community Bundle 26 documentation on My Oracle Support.

Adding Class Association Attributes Using the Adjust Class Associations Component

Access the Class Components (CLASS_ASSOC_CMPNT) page (Curriculum Management, Schedule of Classes, Adjust Class Associations, Class Components).



Use the Associated Class Attributes scroll area to insert rows for Attribute/Value combinations. If you insert a row and specify an attribute, you must also provide a value in order to save the component.

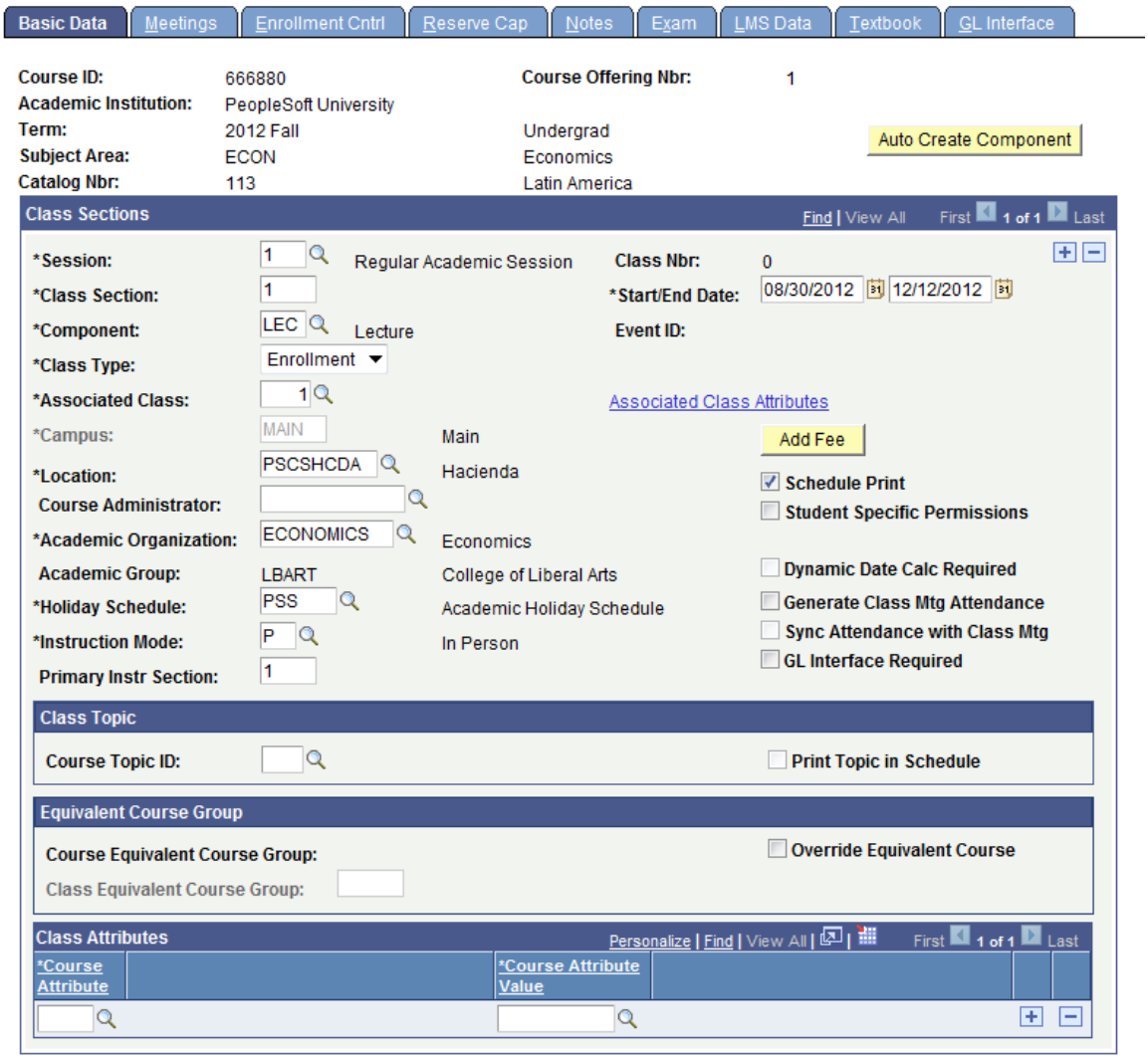
Attribute: The name of the attribute. This value comes from the description of the attribute on the Common Attribute component.
See: "Working with Common Attribute Framework" in the Campus Community Bundle 26 documentation on My Oracle Support.

Value: This field will change depending on the type of attribute. This could be a numeric, date, time or text field. Alternatively, the field could prompt against a list of values if one has been defined for the attribute.

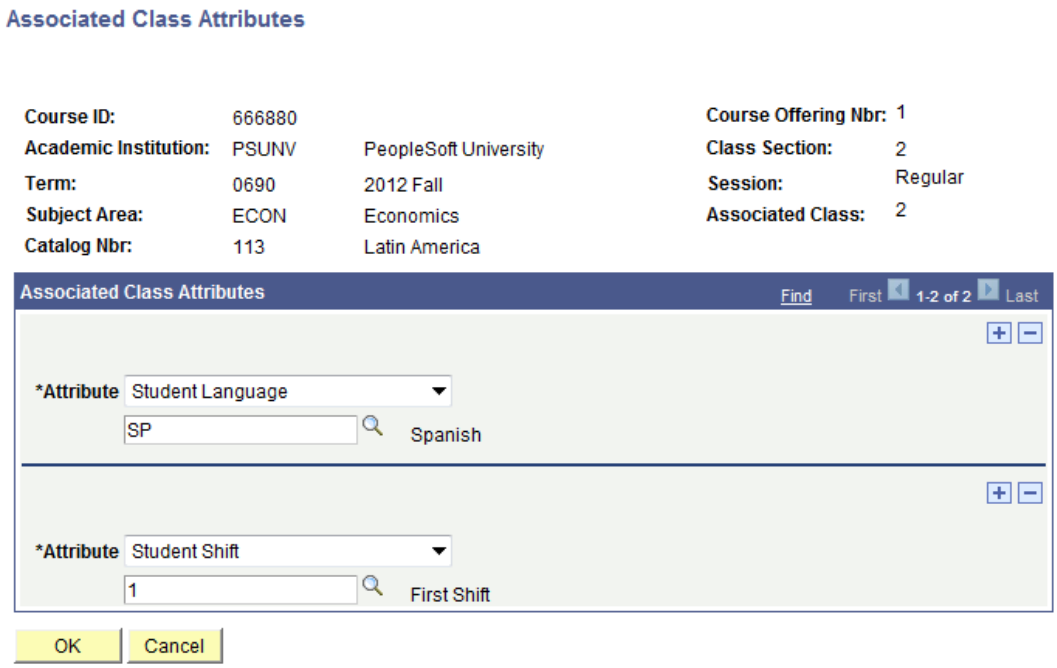
See: “Working with Common Attribute Framework” in the Campus Community Bundle 26 documentation on My Oracle Support.
See: “Using Academic Items”
See: “Creating Course Academic Items”
See: *PeopleSoft Student Records 9.0 PeopleBook*, Managing the Schedule of Classes, Defining Class Associations

Adding Class Association Attributes Using the Schedule of Classes Component

Access the Basic Data (CLASS_ENTRY) page (Curriculum Management, Schedule of Classes, Schedule New Course or Maintain Schedule of Classes).



The **Associated Class Attributes** link has been added to this page to allow you to add Class Association attributes as you add new class sections or maintain existing class sections. The link opens the Associated Class Attributes (SSR_ASSOC_CAF) page.



The page allows you to add (or view existing) attributes linked to the association for the section you are adding or maintaining on the Basic Data page.

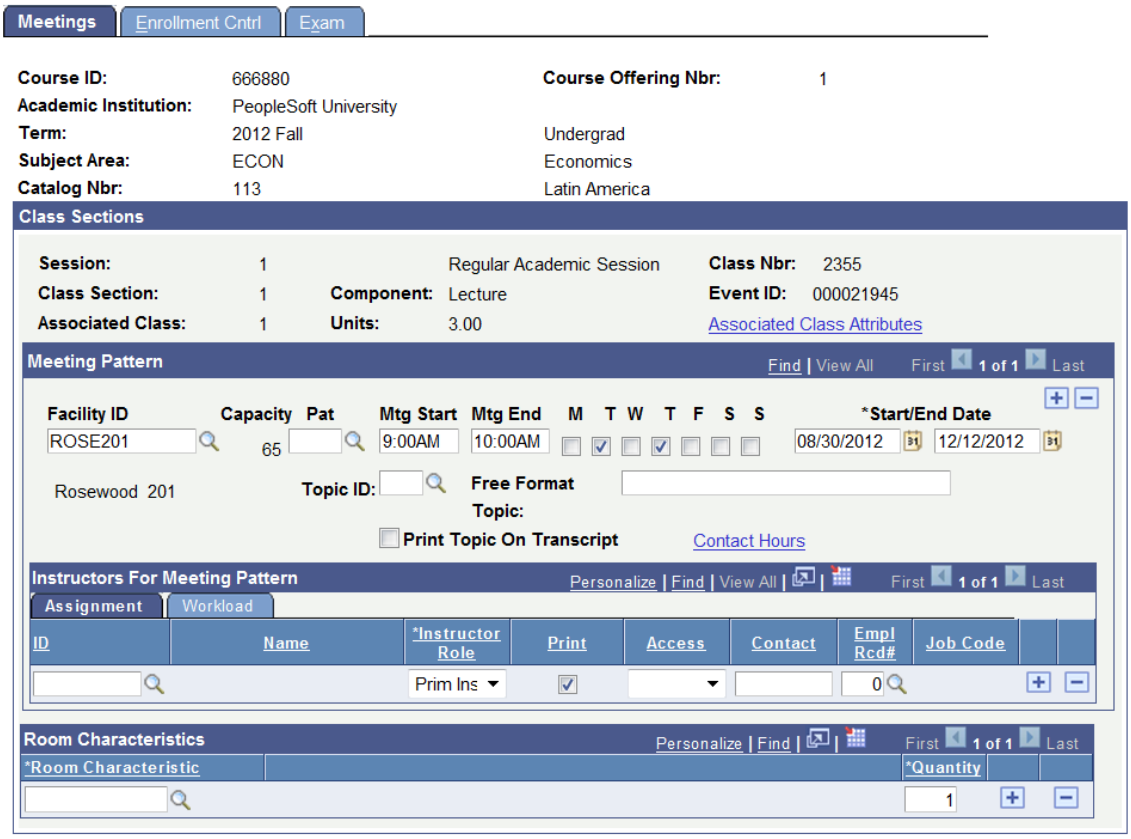
Attribute: The name of the attribute. This value comes from the description entered for the attribute on the Common Attribute component.
See: "Working with Common Attribute Framework" in the Campus Community Bundle 26 documentation on My Oracle Support.

Value: This field will change depending on the type of attribute. This could be a numeric, date, time or text field. Alternatively, the field could prompt against a list of values if one has been defined for the attribute.

See: *PeopleSoft Student Records 9.0 PeopleBook*, Managing the Schedule of Classes

Adding Class Association Attributes Using the Schedule Class Meetings Component

Access the Schedule Class Meetings component (Curriculum Management, Schedule of Classes, Schedule Class Meetings).



The **Associated Class Attributes** link has been added to this page to allow you to add Class Association attributes as you maintain class meeting data. The link opens the Associated Class Attributes (SSR_ASSOC_CAF) page shown above.

See: *PeopleSoft Student Records 9.0 PeopleBook*, Managing the Schedule of Classes

Academic Progress Tracker Instance

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Creating an APT Instance from Admissions: Matriculation Process

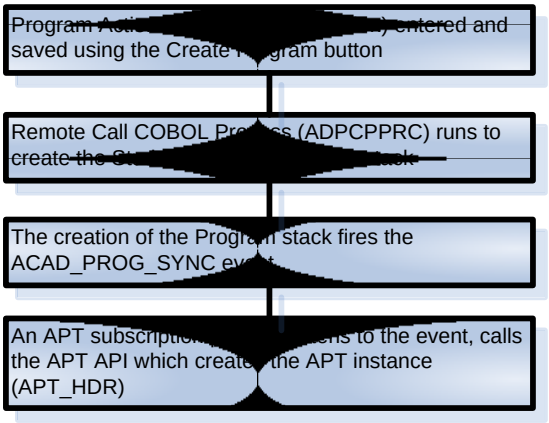
Creation of the APT Instance

Modifications have been made to the Admissions matriculation process to enable the moving of these new data elements from the Admissions application to the Student Records program stack. The matriculation process creates the SR program stack as it does

now; if a student is in a program/plan/sub-plan combination that is mapped to an AIR program, an API (SSR_APT.API) is called. The API creates an APT instance for the student, linking that instance to the program created by the matriculation process.

APT Instance Creation from Admissions Application Maintenance Component

An APT instance can be created directly from the Admission Application Maintenance component when a user creates the student program using the matriculation (MATR) action. The following diagram provides an overview of the processing that takes place:

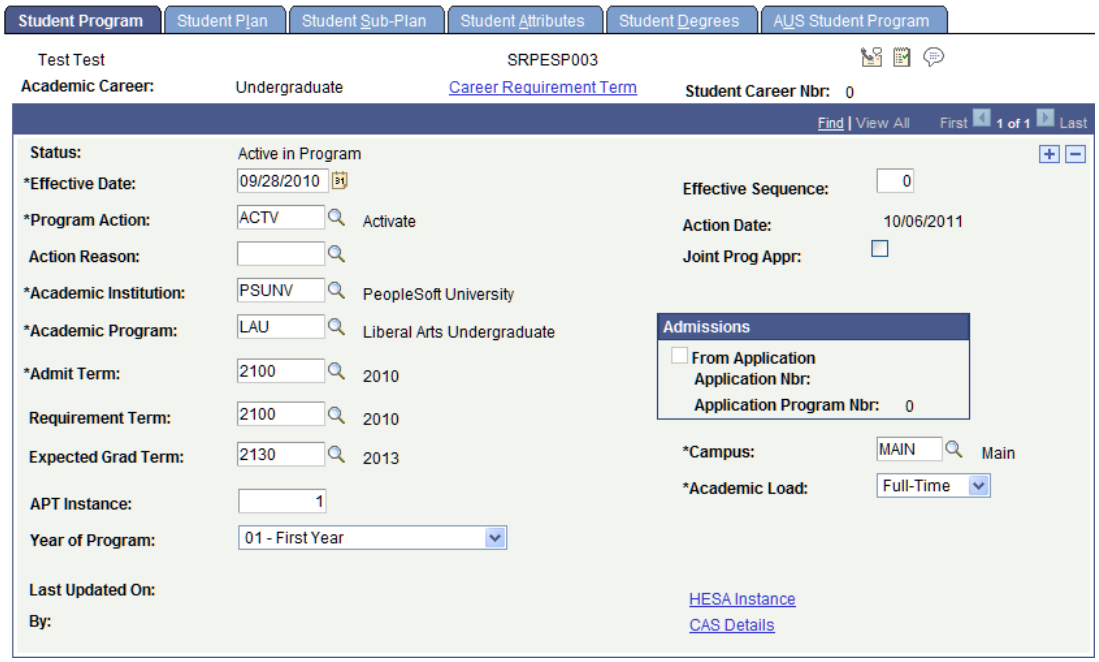


APT Instance Creation from Admissions Activate Applicants Process

The Admissions Activate Applicants batch process also creates an instance for a student when a mapping exists to an AIR program. When the process (ADPCPPRJ) creates Student Records program stack entries, this action fires the same ACAD_PROG_SYNC event described above. This is detected by the APT subscription service, which in turn calls APT API to build an instance.

Student Records Academic Program/Plan

When the **Enable Program Enrollment** check box is selected on the Academic Institution 9 page, the **APT Instance** and **Year of Program** fields appear on the Student Program page (Records and Enrollment, Career and Program Information, Student Program/Plan, Student Program).



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APT Instance: This field is populated with number of the APT Instance. This could be generated during the admissions activation/matriculation process, the APT Request process or from this component (see below).

Year of Program: This value is gathered in the application process and indicates the student's start point in a program of study - for example, a student could apply as a second year student. The value is copied from the Admissions program stack by the matriculation process.

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APT Instance Creation from the Program/Plan Component

An APT instance can be created from the Program/Plan component when a user adds a new program stack (or career number) or makes changes to an existing program stack - the APT API is called from this component to create an APT instance.

Adding a New Program

When a new career number is added and the component is saved, the APT API is called. The API:

- Checks to see if mapping exists for the student's program in the Academic Program Table Program Enrollment Mapping table. (SSR_PE_PRG_MAP.

- If mapping exists, finds a row which maps to the combination of Plan(s) Sub-Plan(s) and Approved Academic Load. If mapping does not exist, uses the default (a default is required).
- Creates an APT Instance for the mapped AIR program (process creates a row in the APT header table).
- Updates the Instance number (ACAD_PROG.SSR_APT_INSTANCE).
- Component returns a message to the user, confirming that an instance has been created.

See: "Mapping Campus Solutions Academic Programs, Plans and SubPlans to AIR Based Programs of Study" in the *Setting Up For Program Enrollment: Program Definition and Management* document.

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Changes to Existing Program Data

When a user inserts a new effective dated row and saves, an edit is performed to see if the new data - academic program, approved academic load, academic plan(s) or sub-plan(s) - has changed the program mapping from the previous row. If such a change has occurred:

- A message is returned to the user to ask if a new instance should be created.
- If the user answers yes the API is called and the steps described in the previous "Adding a New Program" section are performed.

It is also possible that a student's program data could change in such as way that a new effective dated row could map to a prior APT instance. For example, a student might change from full-time (Instance 1) to part-time (Instance 2) and then subsequently change back to full-time. When this occurs, and the new data maps to a program on a prior instance:

- The user is prompted to create a new instance (because the mapping has changed).
- If a match is found on a prior instance, the user is prompted to point the new effective dated row to that instance.
- If the user answers yes, the instance number from the previous instance is used; otherwise a new instance is created.

See Also: *PeopleSoft Enterprise Student Records 9.0 PeopleBook*, Managing Student Programs, Plans, and Subplans