



Implementation Guide

to the

Postsecondary Electronic Standards Council

XML Standard Format

for

Education Test Score Reporting

Version 1.0.0

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Introduction

This document is a guide to developers implementing software to process XML files based upon the Education Test Score Reporting standard. The standard was crafted by a team of professionals from testing organizations, student information system suppliers and Universities. The standard uses, where possible, elements that are common to other Postsecondary Electronic Standards Council (PESC) standards including those from test score report, financial aid, and admissions applications standards. This reuse allows developers to use common code for multiple XML documents and thus facilitates the creation of applications that can process admissions applications, test score reports and test scores with a single system.

Business Problem

The electronic transfer of test score information is currently accomplished between testing companies and educational institutions by means of proprietary file formats. This requires that the test score recipients develop software and processes for each different format they receive. In addition, the recipient also must combine the data from admissions applications, test score reports and test scores in order to obtain a comprehensive view of each candidate. This may be difficult since the labels used to describe common information may not be consistent. By providing a set of standard data elements with a common interpretation, an educational institution or a student information system software vendor may produce a comprehensive system that will significantly reduce manual intervention and allow automated merger and analysis of student data.

Roles and Responsibilities

Test Reporting Organization to Postsecondary Institution or State Agency

This is the standard scenario where a testing organization delivers scores to educational institutions for the purpose of admissions or placement.

The test reporting organization has the following responsibilities:

- Collect personal and survey data from the student
- Administer the test in a secure environment
- Score the test and assure its accuracy
- Determine which recipient is authorized to receive specific data from specific students. This is usually authorized by the student by indicating that they are interested in a particular school.
- Aggregate the information that will be transmitted to the recipient into the XML test score report
- Determine with the recipient how the data will be securely transferred
- Transmit the data using a secure connections or encrypted data
- Verify that the data was delivered

The test score recipient has the following responsibilities:

- Determine with the test reporter how the data will be transmitted
- Receive the data and notify the reporter that the data has been received
- Notify the test reporter if any data problems or anomalies
- Secure the data so that only those personnel that need to have access to data will be given the data
- Integrate the data with admission and test score report information to produce a complete candidate profile

Several of these transmission and security steps may be implemented by using the PESC XML Data Transport Standard (DTS) and a web service that can process data using the DTS standard.

Organization and Format

The schema is made up of four top level elements under the TestScoreReport element:

- TransmissionData
- Student
- NoteMessage
- UserDefinedExtensions

However, three of these elements are complex and branch to form other elements, which in turn branch out further. This Guide is organized so that each level of branching is documented in the order as follows:

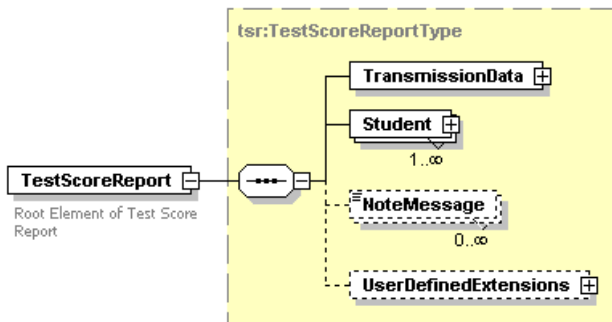
Transmission Data Level I
 Sub-level IA
 Sub-level IA1
 Sub-level IA1a
 Sub-level IA1b
 Sub-level IA1c
 Sub-level IA2
 Sub-level IA2a
 Sub-level IA2b
 Sub-level IB
 Sub-level IB1
 Sub-level IB1a
Student Data Level I

(And so on.)

The heading for each level and sub-level indicates the position of the subsequent diagram in the larger Schema.

Following the heading, the diagram serves to illustrate its relationship with the preceding branch. All diagrams in this Guide were copied from a graphical representation of the Test Score Reporting Schema using a software package from Altova Corporation.

Example:



The boxes in the diagrams can illustrate two separate components of the Schema: first, certain boxes show data element groupings (complex data elements) which branch out to form either lower-level element groupings, or the Schema's other primary component, the fields that contain actual data (simple data elements).

A box with a solid border indicates that that particular data element or field is required. A box with a dotted line indicates an optional data element or field.

Likewise, a solid line connecting two or more boxes indicates that the boxes to the right in the diagram are required fields and a dotted line indicates the fields in the boxes to the right are optional. A plus (+) sign at the right of a box indicates that the element grouping or field branches beyond the scope of a given diagram. The Schema displays such branching in subsequent diagrams.

Each diagram includes a representation of a field or data element's repeatability. Under a given box, for example, "0...∞" would indicate an optional data element or field (with a minimum number of occurrences of zero) that can be repeated an infinite number of times. On the other hand, "1...3" would indicate a mandatory field (with at least one required instance) that can be repeated up to 3 times.

Although most data elements that could theoretically be included an infinite number of times in the schema, would typically only be included once or perhaps a few times. Including a high number of occurrences of a field would present problems for the receiving agency or institution.

When creating the instance document (the actual score report for students), it is important that data elements are placed in the same order as they appear in the Schema. Optional data elements need not be included, but if they are, they also must be in the correct order.

Under each diagram, there will be a table with five columns:

Tag Name: This is the name of the data element grouping or field that will appear in the Schema and in the instance document. ("Instance document" refers to a score report with real data for an actual student that institutions would exchange.) The format for the tag name is Upper Camel Case which takes a name such as "Transmission Data" and eliminates the space between the two words, retaining the capital letters of each word making up the tag name.

Schema Use: This column indicates whether the data element or field is required or optional in the instance document. If a required field is not included in the instance document, the score report will normally be rejected by the receiving institution or agency's computer program (XML Parser). This column will also include a notation if a field can be sent multiple times.

Description: This is a brief description of the data included with a particular XML tag name. The description normally comes from the description in the Core Main Schema for data elements.

Recommended Use: This column reflects recommendations from the developers of the Test Score Reporting Schema, and generally recommended practices for exchanging electronic score reports. Reaching consensus on the recommended use of data elements and fields has grown into an additional task for the PESC Workgroup.

Recommendations in this column generally match the standards in Schema Use, especially if Schema Use shows an element or field as "Required." However, a component listed as "Optional" in Schema Use may be listed as "Recommended" in Recommended Use if the Workgroup regards the element or field as essential and in keeping with good practices in the AACRAO community.

Required: Indicates that a sending institution must include the data element or field in its transmission.

Recommended: If the information for a field is available at the sending agency, then 'Recommended' indicates that the field should be sent.

Conditional: This recommended use does not occur often in this Guide, but it may occur when the recommendation (recommended, optional or not recommended) is dependent on another data element being sent, or even on the value of another data element that is sent.

Optional: Indicates that it is generally up to the sender to include the data or not. If a paper score report normally includes the element or field, then the sender should probably include it. In addition, within certain states, items marked as “Optional” may be essential for intrastate exchanges. Finally, it may be the case that a destination school receives all data at a single location; in such a case, the sender may need to provide optional elements to identify the specific intended recipient.

Not Recommended: Indicates that, in the view of the Workgroup, such a data element or field should not form part of a transmission. In general, the Workgroup recommends that institutions or agencies not send notes or comments, since most Student Information System programs cannot automatically process them. Sending these elements could thereby slow or impede automatic processing by the receiving school or agency. However, exceptions to this rule-of-thumb may lie in the needs of individual states, as certain intrastate transmissions may require information that only a note or comment field can accommodate. In such cases, the Workgroup recommends that institutions in the state develop a protocol for maintaining and transmitting the element or field. In other cases, common practice may be to include data that is not recommended by the Workgroup.

In many cases, because of the reusability of complex data elements in XML, there are data elements included in this schema that may not be appropriate for use in an electronic score report. In these cases, the recommended use may be designated as “Not Recommended.”

If a complex element is “Not Recommended”, the elements at the next level will not be presented in this implementation guide but a reference will be provided so that element may be completed if necessary.

Format: This column shows the minimum and maximum number of occurrences of the data element. It also shows the minimum and maximum length allowable for a field, if that field does not have enumerated values and is not a special type of field, such a date field.

“**minOcc** 1” indicates a required field, since it must have at least one occurrence in the instance document. “minOcc 0” indicates an optional field.

“**maxOcc**” followed by a number or symbol specifies the maximum number of times that an element can recur in an instance document at a particular position. For example, “maxOcc 5” would indicate that the field may occur no more than 5 times in a given position of the instance document. “maxOcc ∞” indicates that a field may recur an unlimited number of times in the instance document. However, the use of an excessive number of occurrences puts a burden on the receiving agency or institution, so they should always be limited to the fewest number possible.

“**minLen**” indicates the minimum number of characters that a field must contain, while “**maxLen**” indicates the maximum number of characters that a field may contain.

"Enumeration" is used to list the allowable values that may be used in the instance document. They must be used exactly as shown in this column. When the values are enumerated in this column, "minLen" and "maxLen" will not be indicated and are not appropriate.

"DateTime" always uses the same format: CCYY-mm-ddThh:ii:ss(+GMT). An example would be "2005-11-20T08:15:36(+7)". Likewise, "Date" always uses the format "CCYY-mm-dd". An example would be "2005-11-20". If either DateTime or Date is used, then "minLen" and "maxLen" will not be indicated.

"xs:decimal" indicates a numeric field. It has a maximum length of 18 characters including a decimal if is explicitly included. Typical values would be (1) a grade point average of "3.250"; (2) credits earned of "24"; or (3) credits included in GPA of "16".

"minInclusive" indicates the lowest value of a decimal type field that can be included, while **"maxInclusive"** indicates the maximum value that can be included in a decimal type field. **"totalDigits"** indicates the maximum number of digits that can be used in the specified field.

Comments: The Guide may include comments beneath the rows of a given table and/or at the end of the table. The Workgroup intends for these comments to provide further explanation for the items displayed.

Code Example: Below each table, the Guide includes a snippet of what that portion of an instance document might look like in XML format. If the data element is a required data element for the schema, then that data element will be in bold type.

If the code is illustrating a complex data element that will be further explained on a subsequent page, then only the opening and closing tags will be included. For example:

```
<Course>  
  
</Course>
```

If the code is illustrating a simple data element that is not recommended for inclusion, then an empty tag will be included. For example:

```
<NoteMessage/>
```

Appendix K shows an example of an XML Schema for a score report. This example is not intended to match the Code Examples throughout the Guide, since a typical score report would not include many of the optional sections of the Schema.

NoteMessage: You will find "NoteMessage" appearing throughout the Schema. This Guide almost always recommends against the routine use of note messages. Unless there is an agreed upon format for a note message between the sender and the receiver, notes cannot be interpreted and automatically processed by the receiver's computer.

UserDefinedExtensions: The user-defined extension (UDE) design pattern is intended to address situations in which the current Schema does not accommodate sender-specific data. The Schema has to allow for additional elements that may be defined and used at a later date. The user-defined extensions pattern serves as a placeholder for these to-be-defined fields and elements. However, it can require that these fields be defined in a Schema by the organization that wants to use the extensions area.

Senders should take care not to use the user-defined extensions as a fall-back for doing appropriate research and design. They should only use the extension when in actuality, the organization defining the base Schema cannot define the additional elements that other organizations may need. Furthermore, other recipients not interested in the data these specific organizations want to exchange in the user-defined area, may then just ignore the UDE.

User-defined extensions are beneficial when both the sending and receiving institutions agree on their use. For best work practice, the Workgroup recommends the use of user-defined extensions in the following scope:

- Mutually defined sub-schemas: For the transmittal and receipt of data agreed upon by both sending and receiving institutions;
- State systems: In the California CSU system, this would be the General Education requirements; For the University of California system, this would be the UC requirements;
- Regional requirements

The benefit of using the user-defined extensions stems primarily from the open nature of the XML design. Institutions may take advantage of XML's openness, use the user-defined extensions to accommodate data for which the original Schema has not accounted, and standardize the use of the extensions among themselves. Such institution-to-institution agreements allow for the following:

- Strict standardization among institutions through design and implementation agreements,
- Ability of users outside of the agreement to ignore the data contained in the user-defined extensions.

Because the Schema recommends that institutions develop their own agreements for the use of user-defined extensions, the Workgroup also recommends against the development of national standards.

Code Example:

```
<UserDefinedExtensions>  
  <YearTerm>2007</YearTerm>  
  <CourseAbbrev>ENG</CourseAbbrev>  
  <CourseNumb>0114</CourseNumb>  
  <SectNumb>02</SectNumb>  
</UserDefinedExtensions>
```

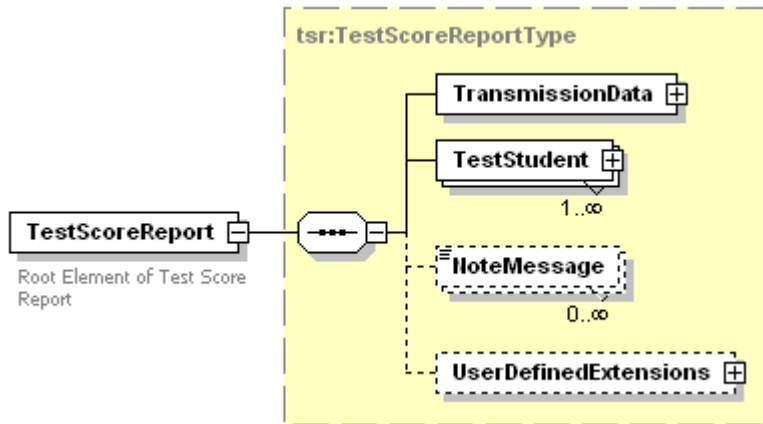
Please reference PESC Guidelines for XML Architecture and Data Modeling page 46 (<http://www.pesc.org/info/policies/PESC-Guidelines-for-XML-Architecture-and-Data-Modeling-v3-0.doc>) for a full explanation on the usage of user-defined extensions.

NOTE: The element **Student.AcademicRecord** is not defined in this document. You will need the supplemental guide, which can be found at <http://www.pesc.org>.

Development History and Acknowledgments

| Date | Author(s) | Status | Change Description |
|---------|----------------------------------|-----------------|--------------------------------|
| 02/2409 | Michael D. Morris / Jill Mordick | Initial Release | First release of the document. |

XML Structure TestScoreReport



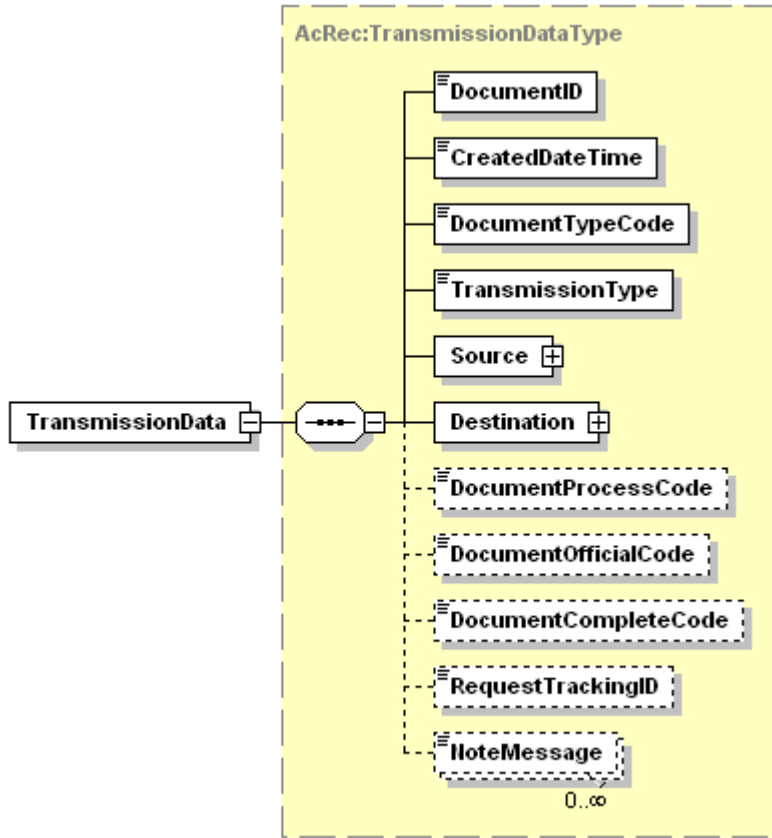
| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|------------|---|-----------------|----------------------|
| TransmissionData | Required | Structure containing information about the sender, receiver and the type and purpose of the document. | Required | minOcc 1 maxOcc 1 |
| TestStudent | Required | Structure containing all information that is transmitted for a particular student | Required | minOcc 1 maxOcc ∞ |
| NoteMessage | Optional | Additional free text information | Not Recommended | minOcc 0 maxOcc ∞ |
| UserDefineExtensions | Optional | Additional structured information | Not Recommended | minOcc 0 maxOcc 1 |

Code Example:

```

<tsr:TestScoreReport
  xmlns:tsr="urn:org:pesc:message:TestScoreReport:v1.0.0"
  xmlns:AcRec="urn:org:pesc:sector:AcademicRecord:v1.3.0"
  xmlns:core="urn:org:pesc:core:CoreMain:v1.4.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:org:pesc:message:TestScoreReportv1.0.0/TestScoreReport_v1.0.0.xsd">
  <TransmissionData>
    SubElements omitted to save space
  </TransmissionData>
  <Student>
    SubElements omitted to save space
  </Student>
</tsr:TestScoreReport>
    
```

TransmissionData



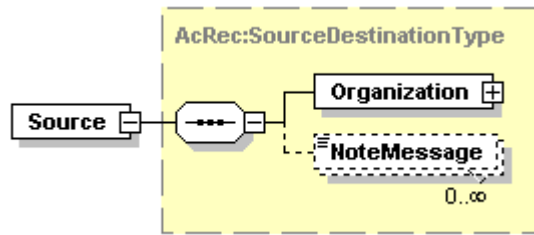
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|--|-----------------|--|
| DocumentID | Required | The File Transmission Date and Time stamp with additional unique qualifying characters | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 35 |
| CreatedDateTime | Required | The Date and Time stamp when the document was created | Required | minOcc 1 maxOcc 1 xs:datetime CCYY-mm-ddThh:ii:ss{+-GMT] |
| DocumentTypeCode | Required | Type and purpose of document being transmitted | Required | minOcc 1 maxOcc 1 Enumeration: Change TermEnroll TermGrade StudentRequest RequestedRecord InstitutionRequest ThirdPartyRequest |
| <p>Comment: "Change" would be an appropriate value if the test score report had previously been sent and this is a corrected or updated test score report. "Institution Request" would be appropriate if this test score report is being sent at the request of a postsecondary institution to which the student has applied for admission, has previously attended, or is currently attending. "Term Enroll" and "Term Grade" would not be typical values for this data element.</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|------------------------|--|---|---|
| TransmissionType | Required | The nature of the Transmission | Required | minOcc 1 maxOcc 1 Enumeration: Original Replace Duplicate Resubmission Reissue MutuallyDefined |
| Source | Required | This field is required and essential to indicate the source of the Test score report being sent. It is normally the testing agency. | Required | minOcc 1 maxOcc 1 |
| Destination | Required | This field is mandatory and essential to indicate the destination or recipient of the test score report being sent. | Required | minOcc 1 maxOcc 1 |
| DocumentProcessCode | Optional | This element indicates a TEST or PRODUCTION document | Required if "TEST"; "PRODUCTION" implied, not recommended | minOcc 0 maxOcc 1 Enumeration: TEST PRODUCTION |
| DocumentOfficialCode | Optional | This element indicates if the document is unofficial. Unofficial documents may be produced for reference purpose but may not be binding. | Required if Unofficial; "Official" implied, not recommended | minOcc 0 maxOcc 1 Enumeration: Official Unofficial |
| DocumentCompleteCode | Optional | This element indicates whether the document conveys a complete record. Partial documents may be produced for information that is recorded in multiple media or formats. A value of Partial generally means that the remainder will be sent in hard copy. | Required if not complete; "Complete" is implied, not recommended | minOcc 0 maxOcc 1 Enumeration: Partial Complete |
| RequestTrackingID | Optional | The unique ID associated with a request action that is returned to the requestor for document matching and tracking. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 35 |
| NoteMessage | Optional Repeatable | Additional information about transmission | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<TransmissionData>
  <DocumentID>2316139</DocumentID>
  <CreatedDateTime>2004-04-04T09:30:47-05:00</CreatedDateTime>
  <DocumentTypeCode>RequestedRecord</DocumentTypeCode>
  <TransmissionType>Original</TransmissionType>
  <Source>
    SubElement omitted.
  </Source>
  <Destination>
    SubElement omitted.
  </Destination>
  <DocumentProcessCode/>
  <DocumentOfficialCode/>
  <DocumentCompleteCode/>
  <RequestTrackingID/>
  <NoteMessage/>
</TransmissionData>
```

TransmissionData.Source



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|--|-----------------|---|
| Organization | Required | Non-person entity such as Organization, Institution, Agency or Business. | Required | minOcc 1 maxOcc 1 |
| NoteMessage | Optional Repeatable | Additional information about Organization | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

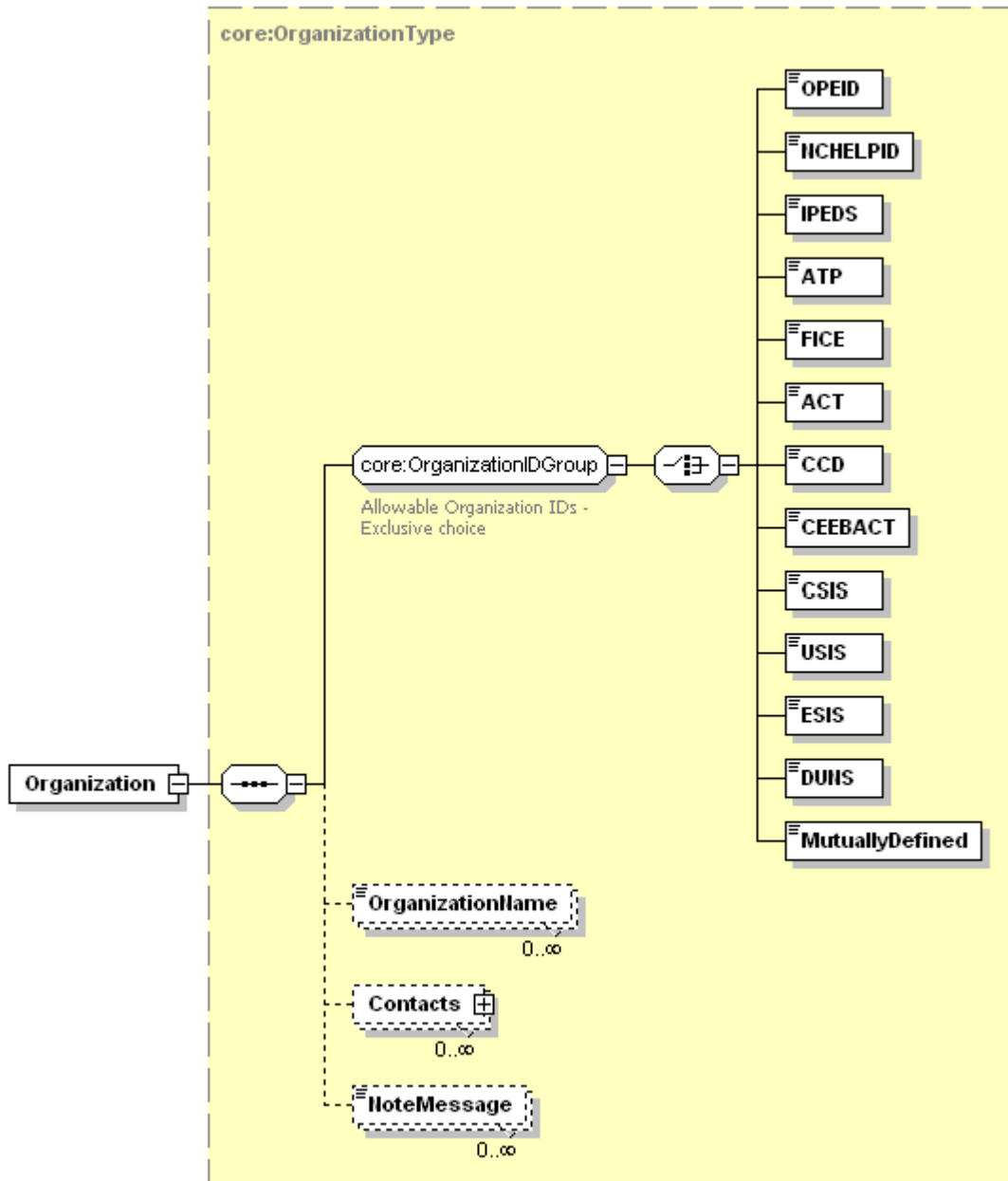
Code Example:

```

<Source>
  <Organization>
    SubElement omitted.
  </Organization>
  <NoteMessage/>
</Source>
    
```

TransmissionData.Source.Organization

Note: in the October 2007 release of the PESC standards, a thirteenth code set, "MutuallyDefined" was added to define organizations.



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|----------------------|
| [OrganizationIDGroup] | Required | Allowable Organization IDs - Exclusive choice | Required | minOcc 1 maxOcc 1 |
| <p>Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires the choice of one and only one of the following code set tags to identify the institution/organization.</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|-----------------|--|-----------------|--|
| OPEID | Required choice | The unique identifier assigned by the Office of Postsecondary Education for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| Comment: Normally, the OPEID would not be an appropriate choice in this case. | | | | |
| NHELPID | Required choice | The unique identifier assigned by National Council on Higher Education Loan Programs for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| Comment: Normally, the NHELPID would not be an appropriate choice to define the sending testing agency in this case. | | | | |
| IPEDS | Required choice | The unique identifier for Integrated Postsecondary Education Data System assigned by the National Center for Education Statistics for each postsecondary data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: Normally, the IPEDS would not be an appropriate choice to define the sending testing agency in this case. | | | | |
| ATP | Required choice | The unique identifier for the Admissions Testing Program assigned by the College Board for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: Since ATP codes are normally issued only to postsecondary institutions, the use of this code to identify the sending testing agency is not recommended. | | | | |
| FICE | Required choice | The unique identifier once maintained for the Federal Interagency Committee on Education by the National Center for Education Statistics for each postsecondary data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: Although the FICE code set is still widely used by many postsecondary institutions, it has not been maintained by NCES or anyone else since late in the last century. Therefore, codes for new institutions created since then, have been locally assigned and cannot be relied upon. Since FICE codes were normally issued only to postsecondary institutions, the use of this code to identify a sending testing agency is not recommended. | | | | |
| ACT | Required choice | The unique identifier for postsecondary educational institutions assigned by American College Testing available at www.act.org | Not Recommended | minOcc 0 maxOcc 1 minLen 4 maxLen 4 |
| Comment: Since ACT codes are normally issued only to postsecondary institutions, the use of this code to identify a sending testing agency is not recommended. | | | | |
| CCD | Required choice | The unique identifier assigned by National Center for Education Statistics as the Common Core of Data for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |
| Comment: The CCD is not a recommended choice to identify a sending testing agency. | | | | |
| CEEBACT | Required choice | The unique identifier assigned by the College Entrance Examining Board and ACT for each K-12 data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The CEEBACT code set is not a preferred choice to identify a sending testing agency. | | | | |
| CSIS | Required choice | The unique identifier assigned by the Statistics Canada Canadian College Student Information System for each postsecondary data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|-----------------|---|
| Comment: Since this code set is used to identify postsecondary schools in Canada, it is not a recommended choice. | | | | |
| USIS | Required choice | The unique identifier assigned by the Statistics Canada University Student Information System for each data postsecondary exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: Since this code set is used to identify postsecondary schools in Canada, it is not a recommended choice. | | | | |
| ESIS | Required choice | The unique identifier assigned by the Statistics Canada Enhanced Student Information System for each data postsecondary exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 8 maxLen 8 |
| Comment: The ESIS number would not be a normal choice to identify the sending testing agency. | | | | |
| DUNS | Required choice | Data Universal Numbering System (DUNS), unique nine character company identification number issued by Dun and Bradstreet Corporation. | Recommended | minOcc 0 maxOcc 1 minLen 9 maxLen 9 |
| Comment: The DUNS number would be an appropriate choice to identify the sending testing agency. | | | | |
| MutuallyDefined | Optional | | Optional | minLen 1 maxLen 80 |
| Comment: End of OrganizationIDGroup choice set tags | | | | |
| LocalOrganizationID | Optional | A code set typically used by a state, province or region to further identify the sending school. | Optional | minOcc 0 maxOcc 1 |
| OrganizationName | Optional Repeatable | Name of Non-person entity such as Organization, Institution, Agency or Business. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| Comment: This is the name of the sending high school. | | | | |
| Contacts | Optional Repeatable | To identify a person or an office at the sending testing agency to which administrative communications should be directed | Recommended | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the organization | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

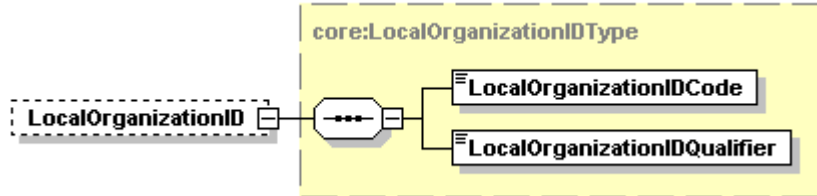
Code Example:

```

<Organization>
  <DUNS>999440320</DUNS>
  <LocalOrganizationID>
    SubElement omitted
  </LocalOrganizationID>
  <OrganizationName>Austin Test Institute</OrganizationName>
  <Contacts>
    SubElement omitted
  </Contacts>
  <NoteMessage/>
</Organization>
    
```

TransmissionData.Source.Organization.LocalOrganizationID

Note: Although the complex data element LocalOrganizationID is an optional data element, if you choose to send LocalOrganizationID, then you must also send both LocalOrganizationIDCode and also LocalOrganizationIDQualifier.

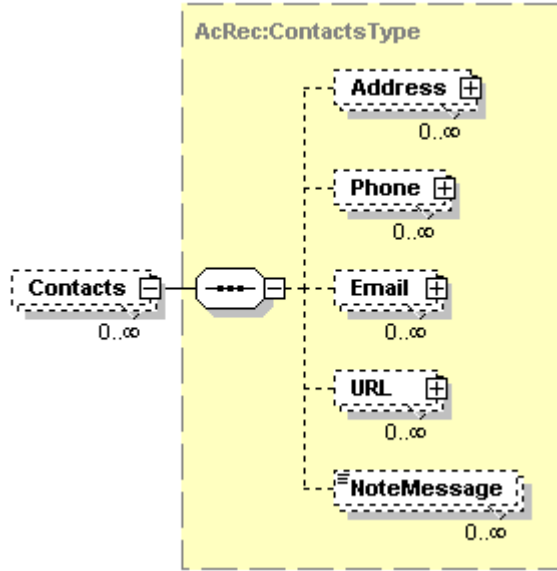


| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------------------|------------|---|-----------------|---|
| LocalOrganizationIDCode | Required | The code assigned for the sending school by the state, province or other mutually defined agency specified in the LocalIDQualifier that follows. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 35 |
| | | Comment: This is a required data element only if the Local Organization ID complex data element is sent. This is typically the administrative school code assigned by a state or province to specifically identify the sending school in that state. If it is not assigned by a state or province, then code ZZ should be used in the Local ID Qualifier that follows. | | |
| LocalOrganizationIDQualifier | Required | This is the state, province or other mutually defined agency that assigned the Local D Code above. | Required | minOcc 1 maxOcc 1 Enumeration: See Appendix A |
| | | Comment: This is a required data element only if the Local Organization ID data element is sent. This is typically the state or province that assigned the code to specifically identify the sending school in that state. If it is not assigned by a state or province, then code ZZ should be used in this data element. | | |

Code Example:

```
<LocalOrganizationID>
  <LocalOrganizationIDCode>2237901002</LocalOrganizationIDCode>
  <LocalOrganizationIDQualifier>TX</LocalOrganizationIDQualifier>
</LocalOrganizationID>
```

TransmissionData.Source.Organization.Contacts



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|---------------------|---|-----------------|---|
| Address | Optional Repeatable | This is a combined Address Group for a choice between Domestic or International | Optional | minOcc 0 maxOcc ∞ |
| Phone | Optional Repeatable | Phone number of source testing agency contact | Recommended | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email address of source testing agency contact | Recommended | minOcc 0 maxOcc ∞ |
| URL | Optional Repeatable | The Uniform Resource Locator of source testing agency | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the contacts at the source testing agency | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Comment: This is contact information included by the sending testing agency to indicate the preferred means for the receiving school or agency to contact the sender in case there is a need for further communication. This is the only place in the instance document to include the name, address and contact information about the source that is sending the test score report.

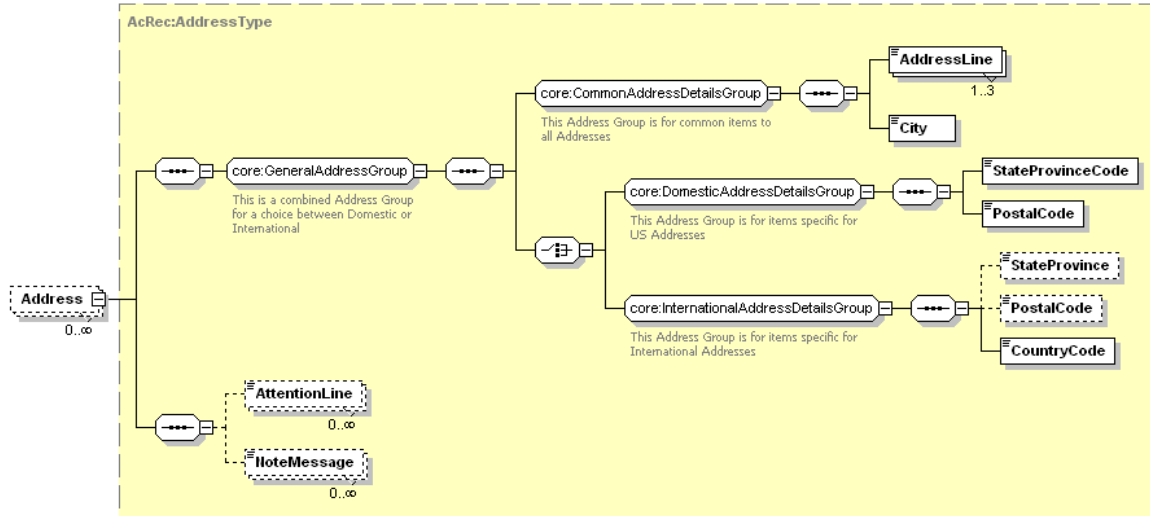
Code Example:

```

<Contacts>
  <Address>
    SubElement omitted
  </Address>
  <Phone>
    SubElement omitted
  </Phone>
  <Email>
    SubElement omitted
  </Email>
  <URL>
    SubElement omitted
  </URL>
  <NoteMessage/>
</Contacts>
    
```

TransmissionData.Source.Organization.Contacts.Address

Note: Although the complex data element Address is an optional data element, if you choose to send the Address of Contacts at the Source, then you must send AddressLine and City and also StateProvinceCode, and PostalCode OR CountryCode.



| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------------------------|--|---|---------------------------------|---|
| <i>GeneralAddressGroup</i> | Required | This Address Group is for items common to all Addresses | Required | minOcc 1 maxOcc 1 |
| | Comment: [<i>GeneralAddressGroup</i>] does not appear in the instance document. It requires the use of <i>CommonAddressDetailsGroup</i> and the choice of one of either <i>DomesticAddressDetailsGroup</i> or <i>InternationalAddressDetailsGroup</i> . This group is required in the schema only if you choose to send the address of the contact. | | | |
| <i>CommonAddressDetailsGroup</i> | Required | This Address Group is for items common to all Addresses | Required | minOcc 1 maxOcc 1 |
| | Comment: [<i>CommonAddressDetailsGroup</i>] does not appear in the instance document. If the address of a contact is included in the test score report, then this must be sent. It is required and must be paired with one of either <i>DomesticAddressDetailsGroup</i> or <i>InternationalAddressDetailsGroup</i> . | | | |
| AddressLine | Required Repeatable | Local delivery information such as street, building number, PO box, or apartment portion of a postal address of a Contact at the Sending Source | Required | minOcc 1 maxOcc 3 minLen 1 maxLen 40 |
| City | Required | The city portion of the Address of a Contact at the Sending Source | Required | minOcc 1 maxOcc 1 minLen 2 maxLen 30 |
| <i>DomesticAddressDetailsGroup</i> | Required choice | This Address Group is for items specific for US and Canadian Addresses | Required for domestic addresses | minOcc 1 maxOcc 1 |
| | Comment: [<i>DomesticAddressDetailsGroup</i>] does not appear in the instance document. If the complex data element address has a United States or Canadian Postal Code and a US State or Canadian Province Code, then this should be the required choice. | | | |
| StateProvinceCode | Required | Code for US states, etc., and Canadian provinces. | Required | minOcc 1 maxOcc 1 Enumeration: See Appendix A |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|--|---|--|
| PostalCode | Required | The postal code portion of the Address. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 17 |
| <i>InternationalAddressDetailsGroup</i> | Required choice | This Address Group is for items specific for International Addresses | Required for international addresses | minOcc 1 maxOcc 1 |
| Comment: [InternationalAddressDetailsGroup] does not appear in the instance document. This choice is for addresses that do not have a US or Canadian postal code. | | | | |
| StateProvince | Optional | The literal name of the state, province or territory of a postal address of the source of this document. Use for addresses outside US or Canada. | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 2 maxLen 30 |
| <i>Comment: For an internet resource of states or other geographical subdivisions in countries other than the US and Canada, you might choose to refer to the website of the Universal Postal Union at http://www.upu.int</i> | | | | |
| PostalCode | Optional | The postal code portion of the Address. | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 1 maxLen 17 |
| <i>Comment: For an internet resource of states or other geographical subdivisions in countries other than the US and Canada, you might choose to refer to the website of the Universal Postal Union at http://www.upu.int</i> | | | | |
| CountryCode | Required | Code indicating Country. Use ISO 3166-1 alpha-2 standard. | Required | minOcc 1 maxOcc 1 Enumerations: See Appendix B |
| AttentionLine | Optional | The individual or office name within the postal address where inquiries should be directed. | Optional | minOcc 1 maxOcc ∞ minLen 1 maxLen 45 |
| <i>Comment: This might be used to indicate where questions about the record should be sent</i> | | | | |
| NoteMessage | Optional Repeatable | Additional information about the addresses of the contacts at the source school | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example (domestic address):

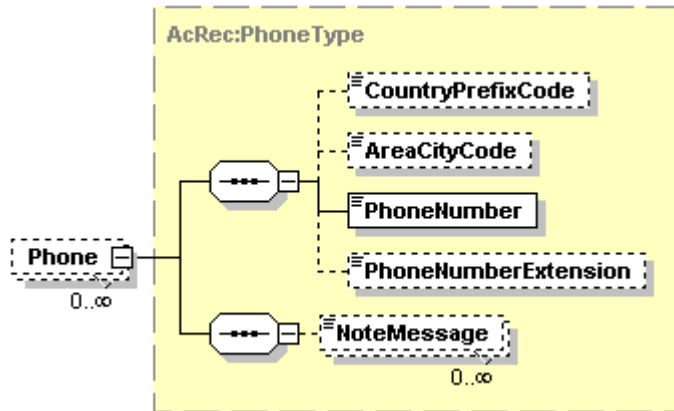
```
<Address>
  <AddressLine>1715 W Cesar Chavez</AddressLine>
  <City>Austin</City>
  <StateProvinceCode>TX</StateProvinceCode>
  <PostalCode>78703</PostalCode>
  <AttentionLine>Jane Doe</AttentionLine>
  <AttentionLine>Testing Coordinator</AttentionLine>
  <NoteMessage/>
</Address>
```

Code Example (international address):

```
<Address>
  <AddressLine>Altova Corporation</AddressLine>
  <AddressLine>Rudolfplatz 13a/9</AddressLine>
  <City>Wien</City>
  <StateProvince/>
  <PostalCode>A-1010</PostalCode>
  <CountryCode>AT</CountryCode>
</Address>
```

TransmissionData.Source.Organization.Contacts.Phone

Note: Although the complex data element Phone is an optional data element, if you choose to send the Phone of a Contact at the Sending Agency, then you must send a phone number.



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|---|-----------------|---|
| CountryPrefixCode | Optional | International dialing code | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 3 |
| AreaCityCode | Optional | Regional dialing code | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| PhoneNumber | Required | Telephone number | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 11 |
| <i>Comment: The phone number will typically be sent as a string of numbers with no spaces, periods or dashes.</i> | | | | |
| PhoneNumberExtension | Optional | The extended telephone addressing information used in addition to phone number such as a PBX extension, a pager PIN, or FAX sub-address | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| NoteMessage | Optional Repeatable | Additional information about the phone number of the contact at the source institution | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

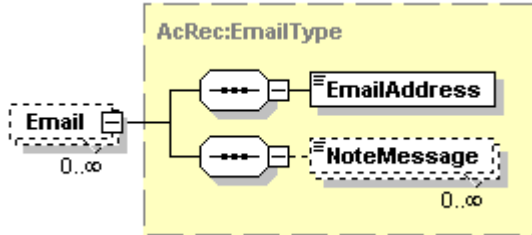
Code Example:

```

<Phone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>4142505</PhoneNumber>
  <PhoneNumberExtension/>
</Phone>
    
```

TransmissionData.Source.Organization.Contacts.Email

Note: Although the complex data element Email is an optional data element, if you choose to send the Email of a Contact at the Sending Agency, then you must send the data element EmailAddress.



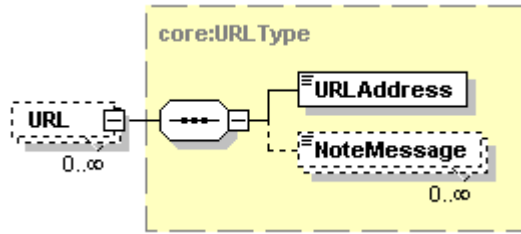
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|--|-----------------|---|
| EmailAddress | Required | The numbers, letters, and symbols used to identify an electronic mail (Email) user within a network. | Required | minOcc 1 maxOc 1 minLen 1 maxLen 128 |
| NoteMessage | Optional Repeatable | Additional information about the email address of the contact at the source. | Not recommended | minOcc 0 maxOc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Email>
  <EmailAddress>registration@austintestinstitute.net</EmailAddress>
  <NoteMessage/>
</Email>
```


TransmissionData.Source.Organization.Contacts.URL

Note: Although the complex data element URL is an optional data element, if you choose to send the URL of the Source, then you must send the URLAddress.



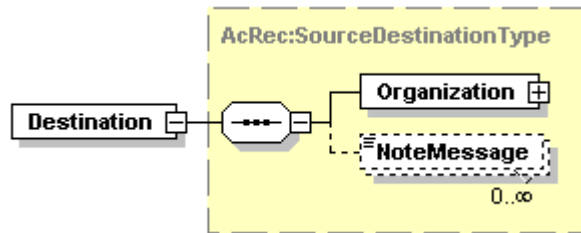
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|------------------------|---|-----------------|--|
| URLAddress | Required | The Uniform Resource Locator (URL) address of the sending agency or of a contact at that agency | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 512 |
| NoteMessage | Optional Repeatable | Additional information about the URL address of the source. | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<URL>
  <URLAddress>www.act.org</URLAddress>
  <NoteMessage/>
</URL>
    
```

TransmissionData.Destination



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| Organization | Required | Non-person entity such as Organization, Institution, Agency or Business. | Required | minOcc 1 maxOcc 1 |
| NoteMessage | Optional Repeatable | Additional information about destination organization or school. | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: This is the agency or school to which this applicant's test score report is being sent. | | | | |

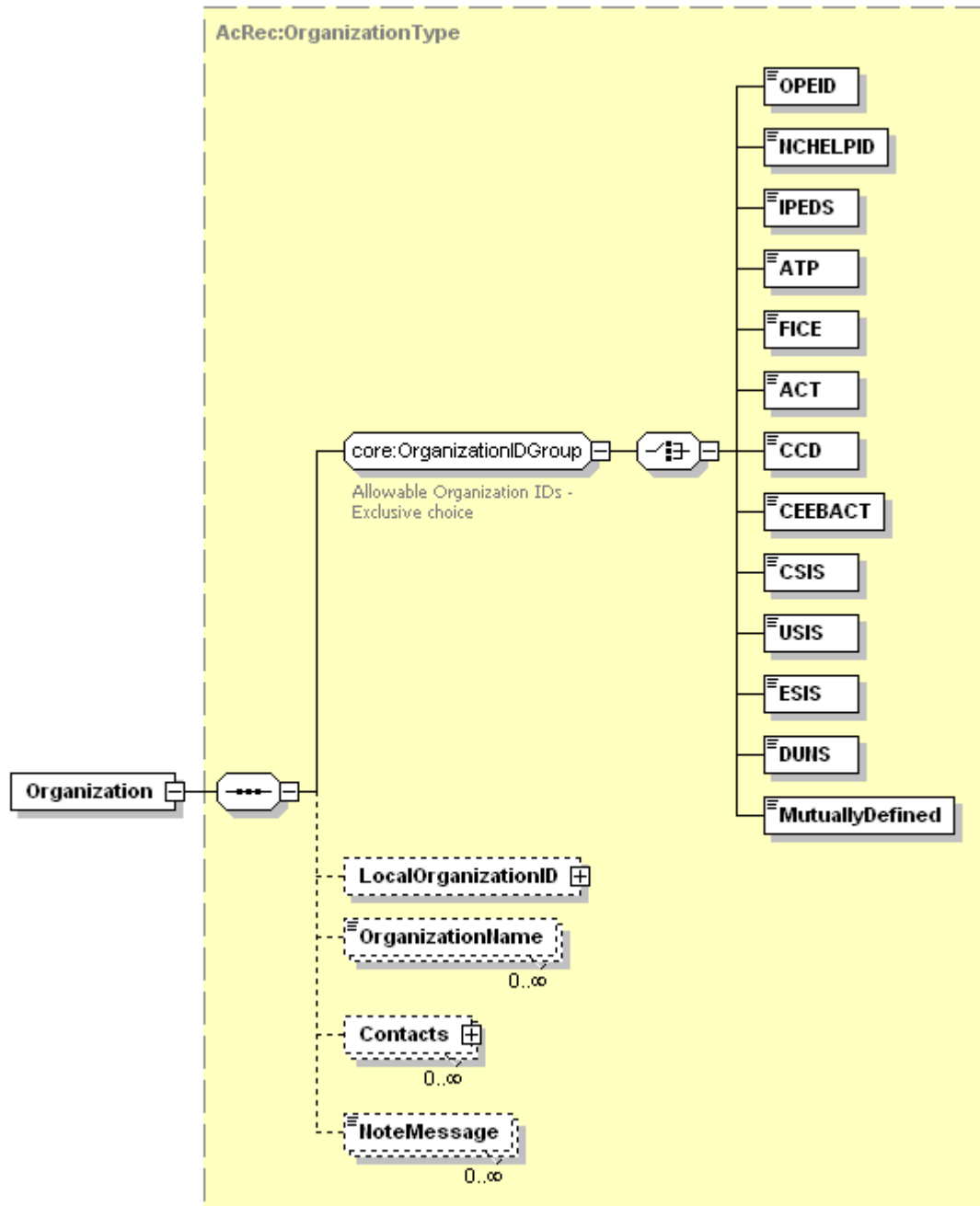
Code Example:

```

<Destination>
  <Organization>
    SubElements omitted to save space.
  </Organization>
  <NoteMessage/>
</Destination>
    
```

TransmissionData.Destination.Organization

Note: in the October 2007 release of the PESC standards, a thirteenth code set, "MutuallyDefined" was added to define organizations.



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|----------------------|
| [OrganizationIDGroup] | Required | Allowable Organization IDs - Exclusive choice | Required | minOcc 1 maxOcc 1 |
| <p>Comment: [OrganizationIDGroup] is not a tag and does not appear in the instance document. It requires the choice of one and only one of the following code set tags to identify the institution/organization.</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|-----------------|--|------------------------------------|--|
| OPEID | Required choice | The unique identifier assigned by the Office of Postsecondary Education for each data exchange partner. | Required choice Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| <i>Comment: The OPEID would be an appropriate choice if this test score report is being sent to a postsecondary institution and OPEID is known.</i> | | | | |
| NCHELPID | Required choice | The unique identifier assigned by National Council on Higher Education Loan Programs for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| <i>Comment: The NCHELPID would not be an appropriate choice in this case since test score reports are not normally sent to the financial aid world.</i> | | | | |
| IPEDS | Required choice | The unique identifier for Integrated Postsecondary Education Data System assigned by the National Center for Education Statistics for postsecondary data exchange partners | Required choice Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| <i>Comment: The IPEDS would be an appropriate choice if this test score report is being sent to a postsecondary institution and the IPEDS number for that institution is known.</i> | | | | |
| ATP | Required choice | The unique identifier for the Admissions Testing Program assigned by the College Board for each data exchange partner. | Required choice Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| <i>Comment: The ATP would be an appropriate choice if this test score report is being sent to a postsecondary institution and the ATP number for that institution is known.</i> | | | | |
| FICE | Required choice | The unique identifier once maintained for the Federal Interagency Committee on Education by the National Center for Education Statistics for each postsecondary data exchange partner. | Required choice Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| <i>Comment: Although the FICE code set is still widely used by many postsecondary institutions, it has not been maintained by NCES or anyone else since late in the last century. Therefore, codes for new institutions created since then, have been locally assigned and cannot be relied upon. However, if you do know the actual FICE code for the postsecondary institution to which this test score report is being sent, this is a recommended choice.</i> | | | | |
| ACT | Required choice | The unique identifier for postsecondary educational institutions assigned by ACT, available at www.act.org | Required choice Recommended | minOcc 0 maxOcc 1 minLen 4 maxLen 4 |
| <i>Comment: The ACT would be an appropriate choice if this test score report is being sent to a postsecondary institution and the ACT number for that institution is known.</i> | | | | |
| CCD | Required choice | The unique identifier assigned by the United States Department of Education's National Center for Education Statistics as the Common Core of Data for each data exchange partner. | Recommended | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |
| <i>Comment: The CCD was primarily a code set used by K12 and would not be an appropriate option for this choice as a destination secondary school or agency.</i> | | | | |
| CEEBACT | Required choice | The unique identifier assigned by the College Entrance Examining Board and ACT for each K-12 data exchange partner. | Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |

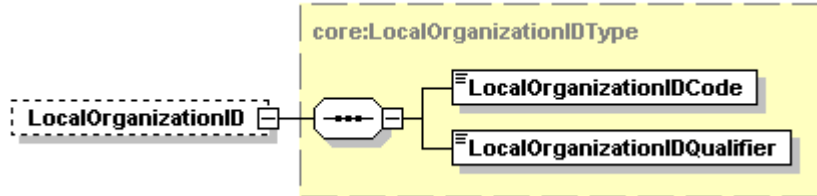
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------|---------------------|---|------------------------------------|---|
| | | Comment: The CEEBACT code set primarily includes K12 institutions and would be an option for this choice as a destination secondary school or agency. | | |
| CSIS | Required choice | The unique identifier assigned by the Statistics Canada Canadian College Student Information System for each postsecondary data exchange partner. | Required choice Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| | | Comment: The CSIS would be an appropriate choice if this test score report is being sent to a postsecondary institution in Canada and the CSIS number for that institution is known. | | |
| USIS | Required choice | The unique identifier assigned by the Statistics Canada University Student Information System for each data postsecondary exchange partner. | Required choice Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| | | Comment: The USIS would be an appropriate choice if this test score report is being sent to a postsecondary institution in Canada. | | |
| ESIS | Required choice | The unique identifier assigned by the Statistics Canada Enhanced Student Information System for each data postsecondary exchange partner. | Required choice Recommended | minOcc 0 maxOcc 1 minLen 8 maxLen 8 |
| | | Comment: The ESIS would be an appropriate choice if this test score report is being sent to a postsecondary institution in Canada. | | |
| DUNS | Required choice | Data Universal Numbering System (DUNS), unique nine character company identification number issued by Dun and Bradstreet Corporation. | Not Recommended | minOcc 0 maxOcc 1 minLen 9 maxLen 9 |
| | | Comment: The DUNS number would not be a normal choice to identify the recipient school. However, it could be used if this electronic test score report is being sent to a company or agency that can receive XML documents and that company or agency has a DUNS number that is known to the sending testing agency. | | |
| MutuallyDefined | Optional | | Optional | minLen 1 maxLen 80 |
| | | Comment: End of OrganizationIDGroup choice set tags | | |
| LocalOrganizationID | Optional | A code set typically used by a state, province or region to further identify the receiving school or agency | Optional | minOcc 0 maxOcc 1 minLen 9 maxLen 9 |
| OrganizationName | Optional Repeatable | Name of Non-person entity such as Organization, Institution, Agency or Business. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| | | Comment: Use repeated OrganizationName to include alternate routing destination (e.g. Human Resources, Graduate School). | | |
| Contacts | Optional Repeatable | To identify a person or an office at the receiving school or agency to which administrative communications should be directed | Optional | minOcc 0 maxOcc ∞ |
| | | Comment: Use Contacts for additional routing instructions and information for the receiving school or agency. | | |
| NoteMessage | Optional Repeatable | Additional information about the organization | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Organization>
  <ATP>006882</ATP>
  <LocalOrganizationID>
    SubElements omitted to save space.
  </LocalOrganizationID>
  <OrganizationName>THE UNIVERSITY OF TEXAS AT AUSTIN</OrganizationName>
  <Contacts>
    SubElements omitted to save space.
  </Contacts>
  <NoteMessage/>
</Organization>
```

TransmissionData.Destination.Organization.LocalOrganizationID

Note: Although the complex data element LocalOrganizationID is an optional data element, if you choose to send LocalOrganizationID, then you must also send both LocalOrganizationIDCode and also LocalOrganizationIDQualifier.

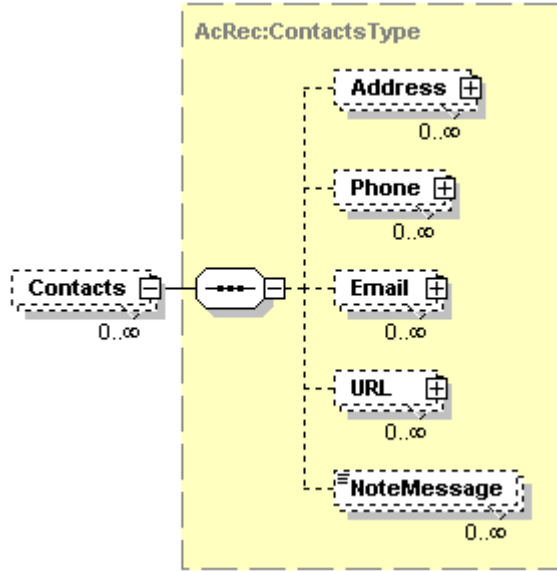


| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|--|-----------------|---|
| LocalOrganizationIDCode | Required | The code assigned for the sending school by the state, province or other mutually defined agency specified in the LocalIDQualifier that follows. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 35 |
| <p>Comment: This is a required data element only if the Local Organization ID complex data element is sent. This is typically the administrative school code assigned by a state or province to specifically identify the receiving school in that state. If it is not assigned by a state or province, then code ZZ should be used in the Local ID Qualifier that follows.</p> | | | | |
| LocalOrganizationIDQualifier | Required | This is the state, province or other mutually defined agency that assigned the Local ID Code above. | Required | minOcc 1 maxOcc 1 Enumeration: See Appendix A |
| <p>Comment: This is a required data element only if the Local Organization ID data element is sent. This is typically the state or province that assigned the code to specifically identify the receiving school in that state. If it is not assigned by a state or province, then code ZZ should be used in this data element.</p> | | | | |

Code Example:

```
<LocalOrganizationID>
  <LocalOrganizationIDCode>2237901002</LocalOrganizationIDCode>
  <LocalOrganizationIDQualifier>TX</LocalOrganizationIDQualifier>
</LocalOrganizationID>
```

TransmissionData.Destination.Organization.Contacts



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|---------------------|---|-----------------|---|
| Address | Optional Repeatable | This is a combined Address Group for a choice between Domestic or International | Recommended | minOcc 0 maxOcc ∞ |
| Phone | Optional Repeatable | Phone number of receiving institution contact | Recommended | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email address of receiving institution contact | Optional | minOcc 0 maxOcc ∞ |
| URL | Optional Repeatable | The Uniform Resource Locator of receiving institution | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the contacts at the receiving institution | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Comment: This address of the recipient school or agency is not often used, but it may be helpful to identify the specific recipient of the document.

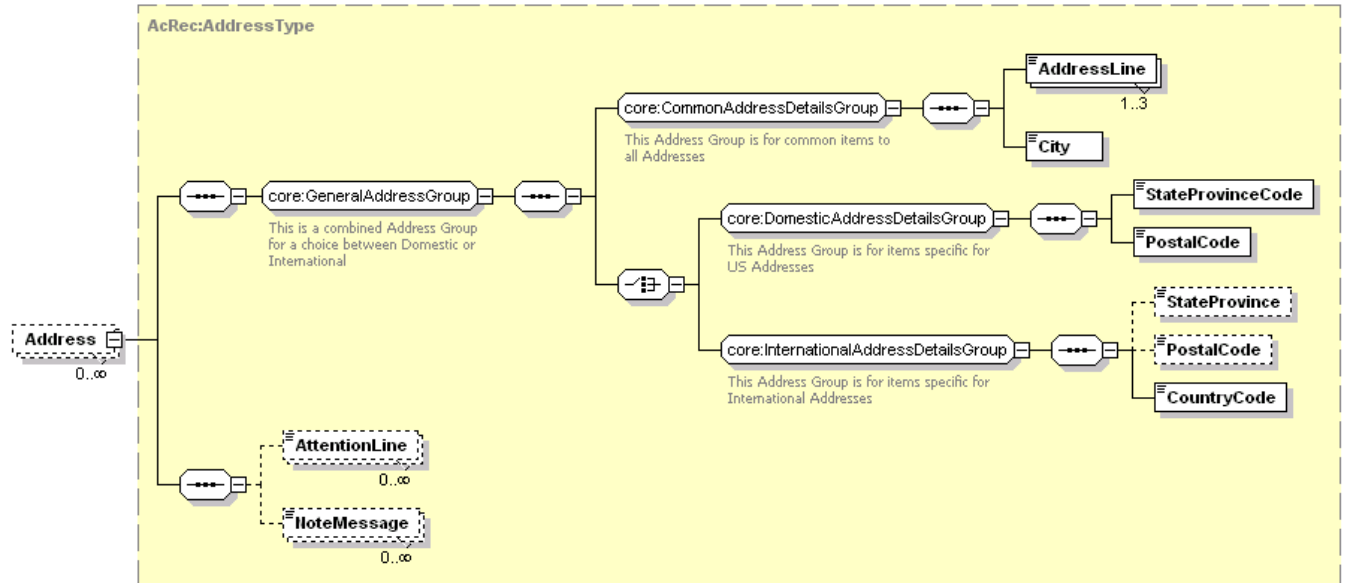
Code Example:

```

<Contacts>
  <Address>
    SubElement omitted
  </Address>
  <Phone>
    SubElement omitted
  </Phone>
  <Email>
    SubElement omitted
  </Email>
  <URL>
    SubElement omitted
  </URL>
  <NoteMessage/>
</Contacts>
    
```


TransmissionData.Destination.Organization.Contacts.Address

Note: Although the complex data element Address is an optional data element, if you choose to send the Address of Contacts at the receiving institution, then you must send AddressLine and City and also StateProvinceCode, and PostalCode OR CountryCode.



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|---|---------------------------------|---|
| <i>GeneralAddressGroup</i> | Required | This Address Group is for items common to all Addresses | Required | minOcc 1 maxOcc 1 |
| Comment: [<i>GeneralAddressGroup</i>] does not appear in the instance document. It requires the use of <i>CommonAddressDetailsGroup</i> <u>and</u> the choice of one of either <i>DomesticAddressDetailsGroup</i> or <i>InternationalAddressDetailsGroup</i> . This group is required in the schema only if you choose to send the address of the contact. | | | | |
| <i>CommonAddressDetailsGroup</i> | Required | This Address Group is for items common to all Addresses | Required | minOcc 1 maxOcc 1 |
| Comment: [<i>CommonAddressDetailsGroup</i>] does not appear in the instance document. If the address of a contact is included in the test score report, then this must be sent. It is required and must be paired with one of either <i>DomesticAddressDetailsGroup</i> or <i>InternationalAddressDetailsGroup</i> . | | | | |
| AddressLine | Required Repeatable | Local delivery information such as street, building number, PO box, or apartment portion of a postal address of a Contact at the destination. | Required | minOcc 1 maxOcc 3 minLen 1 maxLen 40 |
| City | Required | The city portion of the Address of a Contact at the destination. | Required | minOcc 1 maxOcc 1 minLen 2 maxLen 30 |
| <i>DomesticAddressDetailsGroup</i> | Required choice | This Address Group is for items specific for US and Canadian Addresses | Required for domestic addresses | minOcc 1 maxOcc 1 |
| Comment: [<i>DomesticAddressDetailsGroup</i>] does not appear in the instance document. If the complex data element address has a United States or Canadian Postal Code and a US State or Canadian Province Code, then this should be the required choice. | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|---|--|
| StateProvinceCode | Required | Code for US states, etc., and Canadian provinces. | Required | minOcc 1 maxOcc 1 Enumeration: See Appendix A |
| PostalCode | Required | The postal code portion of the Address. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 17 |
| <i>InternationalAddressDetailsGroup</i> | Required choice | This Address Group is for items specific for International Addresses | Required for international addresses | minOcc 1 maxOcc 1 |
| Comment: [InternationalAddressDetailsGroup] does not appear in the instance document. This choice is for addresses that do not have a US or Canadian postal code. | | | | |
| StateProvince | Optional | The literal name of the state, province or territory of a postal address of the source of this document. Use for addresses outside US or Canada. | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 2 maxLen 30 |
| Comment: For an internet resource of states or other geographical subdivisions in countries other than the US and Canada, you might choose to refer to the website of the Universal Postal Union at http://www.upu.int | | | | |
| PostalCode | Optional | The postal code portion of the Address. | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 1 maxLen 17 |
| Comment: For an internet resource of states or other geographical subdivisions in countries other than the US and Canada, you might choose to refer to the website of the Universal Postal Union at http://www.upu.int | | | | |
| CountryCode | Required | Code indicating Country. Use ISO 3166-1 alpha-2 standard. | Required | minOcc 1 maxOcc 1 Enumerations: See Appendix B |
| AttentionLine | Optional | The individual or office name within the postal address where inquiries should be directed. | Optional | minOcc 1 maxOcc ∞ minLen 1 maxLen 45 |
| Comment: This might be used to indicate where questions about the record should be sent. For example, Principal, Guidance Counselor, Headmaster, etc. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the addresses of the contacts at the destination | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example (domestic address):

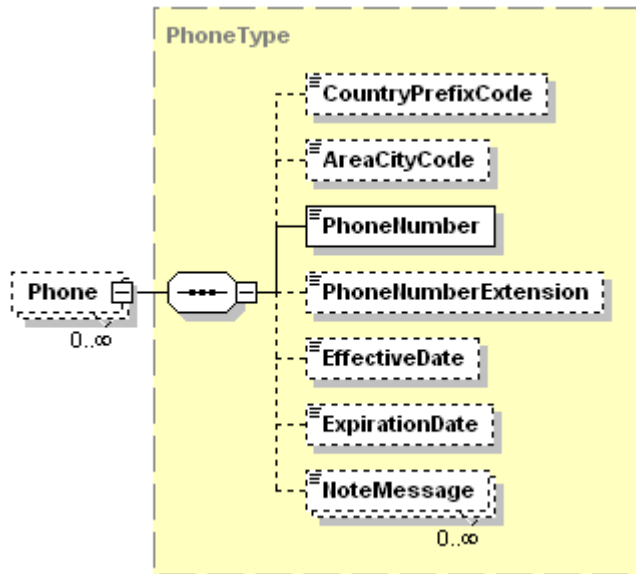
```
<Address>
  <AddressLine>1715 W Cesar Chavez</AddressLine>
  <City>Austin</City>
  <StateProvinceCode>TX</StateProvinceCode>
  <PostalCode>78703</PostalCode>
  <AttentionLine>Jane Doe</AttentionLine>
  <AttentionLine>GuidanceCounselor</AttentionLine>
  <NoteMessage/>
</Address>
```

Code Example (international address):

```
<Address>
  <AddressLine>Altova Corporation</AddressLine>
  <AddressLine>Rudolfsplatz 13a/9</AddressLine>
  <City>Wien</City>
  <StateProvince/>
  <PostalCode>A-1010</PostalCode>
  <CountryCode>AT</CountryCode>
</Address>
```

TransmissionData.Destination.Organization.Contacts.Phone

Note: Although the complex data element Phone is an optional data element, if you choose to send the Phone of a Contact at the receiving institution, then you must send a phone number.



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|---|-----------------|---|
| CountryPrefixCode | Optional | International dialing code | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 3 |
| AreaCityCode | Optional | Regional dialing code | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| PhoneNumber | Required | Telephone number | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 11 |
| <i>Comment: The phone number will typically be sent as a string of numbers with no spaces, periods or dashes.</i> | | | | |
| PhoneNumberExtension | Optional | The extended telephone addressing information used in addition to phone number such as a PBX extension, a pager PIN, or FAX sub-address | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| | | | | |
| NoteMessage | Optional Repeatable | Additional information about the phone number of the contact at the destination | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

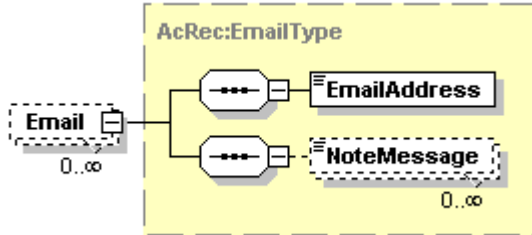
Code Example:

```

<Phone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>4142505</PhoneNumber>
  <PhoneNumberExtension/>
</Phone>
  
```

TransmissionData.Destination.Organization.Contacts.Email

Note: Although the complex data element Email is an optional data element, if you choose to send the Email of a Contact at the receiving institution, then you must send the data element EmailAddress.



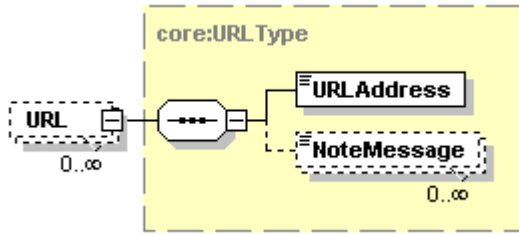
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|------------------------|--|-----------------|---|
| EmailAddress | Required | The numbers, letters, and symbols used to identify an electronic mail (Email) user within a network. | Required | minOcc 1 maxOc 1 minLen 1 maxLen 128 |
| NoteMessage | Optional Repeatable | Additional information about the email address of the contact at the destination. | Not recommended | minOcc 0 maxOc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Email>
  <EmailAddress>registrar@anyhighschool.edu</EmailAddress>
  <NoteMessage/>
</Email>
```

TransmissionData.Destination.Organization.Contacts.URL

Note: Although the complex data element URL is an optional data element, if you choose to send the URL of the Receiving Institution, then you must send the URLAddress.

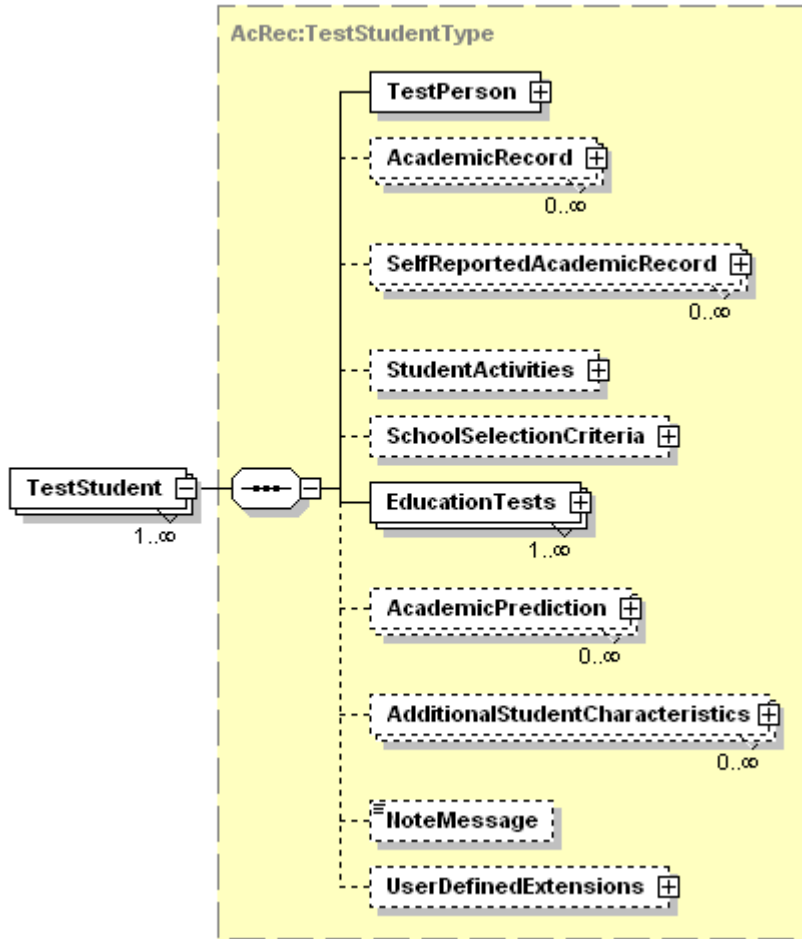


| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|---------------------|--|-----------------|--|
| URLAddress | Required | The Uniform Resource Locator (URL) address of the receiving school or of a contact at the destination. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 512 |
| NoteMessage | Optional Repeatable | Additional information about the URL address of the destination institution. | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<URL>
  <URLAddress>www.anyhighschool.edu</URLAddress>
  <NoteMessage/>
</URL>
```

TestStudent



| Tag | Schema Use | Description | Recommended Use | Format |
|----------------------------|--|--|-----------------|----------------------|
| TestPerson | Required | Core information about the specific student | Required | minOcc 1 maxOcc 1 |
| AcademicRecord | Optional | Information about the student's academic history and accomplishments. | Optional | minOcc 0 maxOcc ∞ |
| | Comment: This element is intended for use by organizations that provide both test score report information and official transcripts. A detailed description of this element is provided in a supplemental implementation guide available at http://www.pesc.org | | | |
| SelfReportedAcademicRecord | Optional | Information provided by the student as part of the testing process. This may include self reported grades. | Optional | minOcc 0 maxOcc ∞ |
| StudentActivities | Optional | Information about the student's extracurricular activities and additional school achievements | Optional | minOcc 0 maxOcc 1 |
| SchoolSelectionCriteria | Optional | Summarizes the student's criteria for selecting a school | Optional | minOcc 0 maxOcc 1 |
| EducationTests | Required | Details the tests, subtests and scores for each test. Multiple tests may be provided for each student. | Required | minOcc 1 maxOcc ∞ |

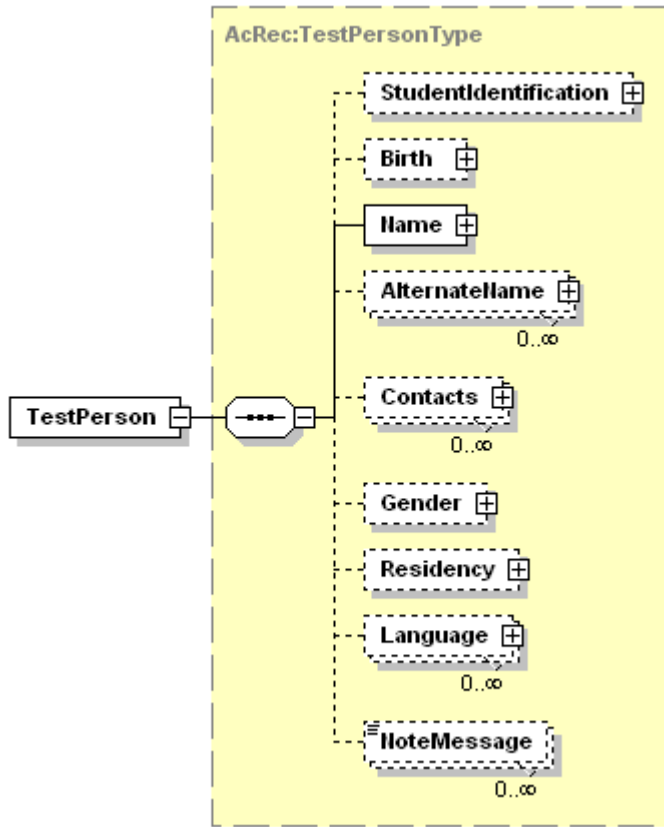
| Tag | Schema Use | Description | Recommended Use | Format |
|----------------------------------|------------|---|-----------------|---|
| AcademicPrediction | Optional | Testing agency predictions of academic performance based upon academic record, test scores, and predictive validity studies | Optional | minOcc 0 maxOcc ∞ |
| AdditionalStudentCharacteristics | Optional | Provides a location to encode student characteristics not covered in other areas | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional | Supplemental information about the student | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| UserDefinedExtensions | Optional | Provides a method for test reporting agency to add additional structured information outside of the schema | Not Recommended | minOcc 0 maxOcc 1 |

Code Example:

```

<TestStudent>
  <TestPerson>
    SubElements omitted to save space.
  </TestPerson>
  <AcademicRecord>
    SubElements omitted to save space.
  </AcademicRecord>
  <SelfReportedAcademicRecord>
    SubElements omitted to save space.
  </SelfReportedAcademicRecord>
  <StudentActivities>
    SubElements omitted to save space.
  </StudentActivities>
  <SchoolSelectionCriteria>
    SubElements omitted to save space.
  </SchoolSelectionCriteria>
  <EducationTests>
    SubElements omitted to save space.
  </EducationTests>
  <AcademicPrediction>
    SubElements omitted to save space.
  </AcademicPrediction>
</TestStudent>
    
```


TestStudent.TestPerson



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------|------------------------|---|-----------------|---|
| StudentIdentification | Optional | Provides a set of identifiers including SSN that may be used to uniquely identify the student | Recommended | minOcc 0 maxOcc 1 |
| Birth | Optional | Information about the birth of the student | Recommended | minOcc 0 maxOcc 1 |
| Name | Required | Name of the student | Required | minOcc 1 maxOcc 1 |
| AlternateName | Optional Repeatable | Other names by which the student is (or has previously been) known | Recommended | minOcc 0 maxOcc ∞ |
| Contacts | Optional Repeatable | Information about how the student may be contacted | Optional | minOcc 0 maxOcc ∞ |
| Gender | Optional | Gender of the student | Recommended | minOcc 0 maxOcc 1 |
| Residency | Optional | Where the student currently resides | Not Recommended | minOcc 0 maxOcc 1 |
| Language | Optional Repeatable | Includes the languages in which the student is proficient | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the student | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------|------------|---|-----------------|--------|
| | | Comment: Because note information is not normally coded, it cannot be automatically processed by a computer. Therefore, its use in an XML test score report is discouraged. However, if there is a prior agreement between the sender and the recipient, it could be formatted in a previously agreed upon manner between the two parties and therefore might assist in the processing of the test score report. | | |

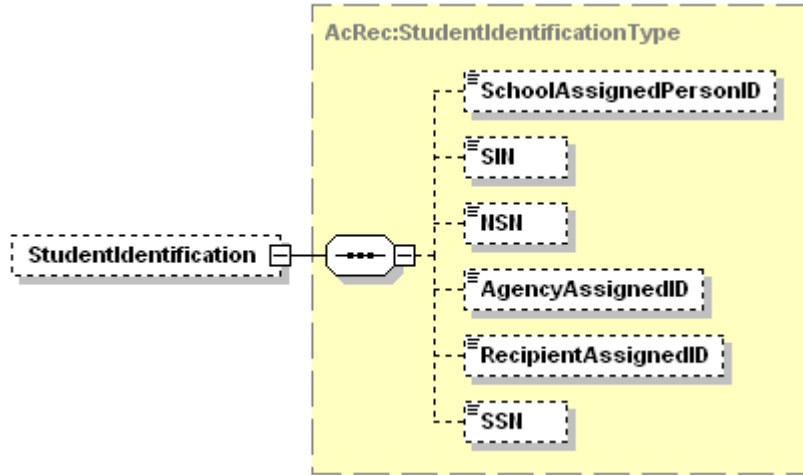
Code Example:

```

<TestPerson>
  <StudentIdentification>
    Subelements omitted
  </StudentIdentification>
  <Birth>
    SubElement omitted
  </Birth>
  <Name>
    SubElement omitted
  </Name>
  <AlternateName>
    SubElement omitted
  </AlternateName>
  <Contacts>
    SubElement omitted
  </Contacts>
  <Gender>
    SubElement omitted
  </Gender>
</TestPerson>

```

TestStudent.TestPerson.StudentIdentification

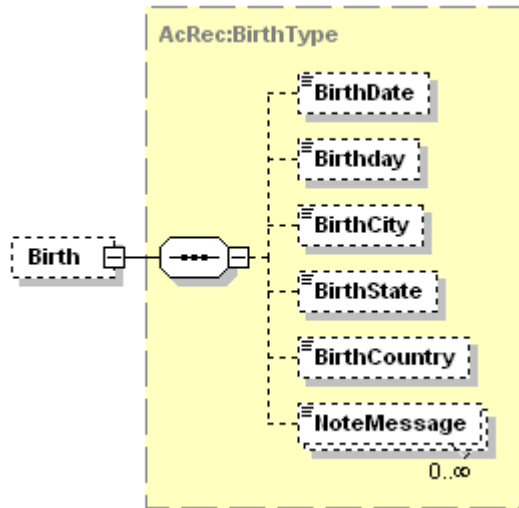


| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|---|-----------------|---|
| SchoolAssignedPersonID | Optional | School assigned identifier | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| Comment: This would typically be the student ID at the school the applicant is now attending or has previously attended. However, since there is no way of knowing which school that is, in this context, it is not recommended that it be included here. | | | | |
| SIN | Optional | The person's Canadian Social Insurance Number | Not Recommended | minOcc 0 maxOcc 1 minLen 9 maxLen 9 |
| NSN | Optional | Canadian National Student Number | Optional | minOcc 0 maxOcc 1 |
| AgencyAssignedID | Optional | Agency assigned identifier | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| Comment: This is the identifier assigned by the testing agency. | | | | |
| RecipientAssignedID | Optional | Recipient assigned identifier | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| Comment: This is the place to provide the ID assigned by the school which the student attended, is currently attending, or to which the student is applying, if it is known at the time this test score report is being submitted. Normally, this would only be known if this is an updated application for admission. This field is alpha numeric. All fields in this Implementation Guide are alpha numeric fields unless otherwise specified. | | | | |
| SSN | Optional | Social Security Number assigned to the US student by the United States Social Security Administration | Recommended | minOcc 0 maxOcc 1 Pattern \d{9} |
| Comment: The inclusion of the SSN is important in the US school's database. The application for admission is an important and preferred place for the student to provide this information. It is required for students who receive federal financial aid from the US government. It must be optional since this schema will also be used for the application for admission of non-US citizens who may not have been assigned this number, and US students cannot be required to provide it. | | | | |

Code Example:

```
<StudentIdentification>  
  <NSN/>  
  <AgencyAssignedID/>  
  <RecipientAssignedID/>  
  <SSN>987654321</SSN>  
</StudentIdentification>
```

TestStudent.TestPerson.Birth

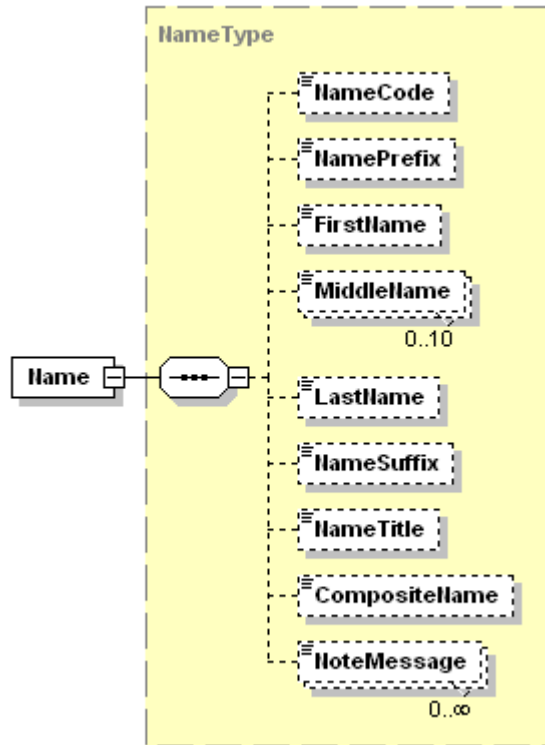


| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|--|
| BirthDate | Optional | Date of Birth | Recommended | minOcc 0 maxOcc 1 Format: CCYY-MM-DD |
| BirthDay | Optional | Month and Day of Birth | Not Recommended | minOcc 0 maxOcc 1 Format: MM-DD |
| Comment: Use instead of BirthDate when it is desirable to withhold the student's age. Although appropriate on a student transcript, it would not be appropriate on the test score report. | | | | |
| BirthCity | Optional | City of Birth | | minOcc 0 maxOcc 1 |
| BirthState | Optional | State of Birth (within the United States) or extra-state | | minOcc 0 maxOcc 1 |
| BirthCountry | Optional | Country of Birth | | minOcc 0 maxOcc 1 |
| NoteMessage | Optional Repeatable | Additional information about the birth of the student | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Birth>
  <BirthDate>1987-07-20</BirthDate>
</Birth>
```

TestStudent.TestPerson.Name



| Tag Name | Schema Use | Description | Recommended Use | Format | |
|--|---------------------|--|-----------------|--------|----|
| NameCode | Optional | Code that indicates the type of name that is being described | | minOcc | 0 |
| | | | | maxOcc | 1 |
| NamePrefix | Optional | An honorific, title or form of address that precedes the name. | Not Recommended | minOcc | 0 |
| | | | | maxOcc | 1 |
| | | | | minLen | 1 |
| | | | | maxLen | 30 |
| Comment: The honorific includes such data as "Dr.", "Professor", "Miss", etc. However, this field is not recommended for use. | | | | | |
| FirstName | Optional | First name of the person, usually given at birth, baptism, or during another ceremony, or through legal change | Recommended | minOcc | 0 |
| | | | | maxOcc | 1 |
| | | | | minLen | 1 |
| | | | | maxLen | 35 |
| MiddleName | Optional Repeatable | Secondary name of the person, usually given at birth, baptism, or during another naming ceremony or through legal change | Recommended | minOcc | 0 |
| | | | | maxOcc | 10 |
| | | | | minLen | 1 |
| | | | | maxLen | 35 |
| LastName | Optional | Last name or surname by which a person is legally known | Recommended | minOcc | 0 |
| | | | | maxOcc | 1 |
| | | | | minLen | 1 |
| | | | | maxLen | 35 |
| Comment: It is extremely important to collect the name, and especially the last name of the applicant. Most schools would not be able to process the application for admission into the school's database if the last name is not provided. However, in the rare case of a student who has no last name, it would be essential to provide the first name. | | | | | |

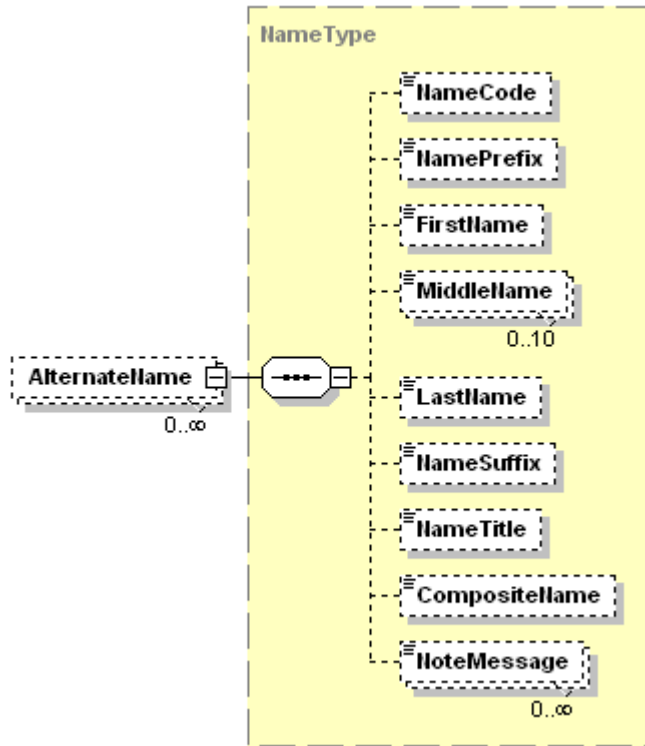
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------|--|--|-----------------|--|
| NameSuffix | Optional | The expression of an individual's generation within a family | Recommended | minOcc 00 maxOcc 11 Enumeration: JR SR I II III IV V |
| NameTitle | Optional | An honorific, title or credential that follows the name | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| CompositeName | Optional | Full name of the person in Last, First Middle order, comma after last name | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 45 |
| | Comment: The use of the composite format for student name is discouraged. It is much easier for the receiving school to process the individual name parts into its database than to process a composite name. This data element is scheduled to be deleted in a future release of the standard. | | | |
| NoteMessage | Optional Repeatable | Additional information about the birth of the student. | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<Name>
  <FirstName>John</FirstName>
  <MiddleName>Billy</MiddleName>
  <MiddleName>Bob</MiddleName>
  <LastName>Thornton</LastName>
  <NameSuffix>JR</NameSuffix>
</Name>
    
```

TestStudent.TestPerson.AlternateName



| Tag Name | Schema Use | Description | Recommended Use | Format | |
|------------|---------------------|--|-----------------|---------------------|----|
| NameCode | Optional | Code that indicates the type of name that is being described | | minOcc | 0 |
| | | | | maxOcc | 1 |
| NamePrefix | Optional | An honorific, title or form of address that precedes the name. | Not Recommended | minOcc | 0 |
| | | | | maxOcc | 1 |
| | | | | minLen | 1 |
| | | | | maxLen | 30 |
| FirstName | Optional | First name of the person, usually given at birth, baptism, or during another ceremony, or through legal change. | Recommended | minOcc | 0 |
| | | | | maxOcc | 1 |
| | | | | minLen | 1 |
| | | | | maxLen | 35 |
| MiddleName | Optional Repeatable | Secondary Name of the person, usually given at birth, baptism, or during another naming ceremony or through legal change | Recommended | minOcc | 0 |
| | | | | maxOcc | 10 |
| | | | | minLen | 1 |
| | | | | maxLen | 35 |
| LastName | Optional | Last name or surname by which a person is legally known | Recommended | minOcc | 1 |
| | | | | maxOcc | 1 |
| | | | | minLen | 1 |
| | | | | maxLen | 35 |
| NameSuffix | Optional | The expression of an individual's generation within a family | Recommended | minOcc | 0 |
| | | | | maxOcc | 1 |
| | | | | Enumeration: | |
| | | | | JR | |
| | | | | SR | |
| | | | | I | |
| | | | | II | |
| | | | | III | |
| | | | | IV | |
| | | | | V | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------|--|--|-----------------|---|
| NameTitle | Optional | An honorific, title or credential that follows the name | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| CompositeName | Optional | Full name of the person in Last, First Middle order, comma after last name | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 45 |
| | Comment: The use of the composite format for student name is discouraged. It is much easier for the receiving school to process the individual name parts into its database than to process a composite name. This data element is scheduled to be deleted in a future release of the standard. | | | |
| NoteMessage | Optional Repeatable | Additional information about the alternate name | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| | Comment: Alternate names may include former names, nicknames, or other names by which the student may now be (or have been) known. | | | |

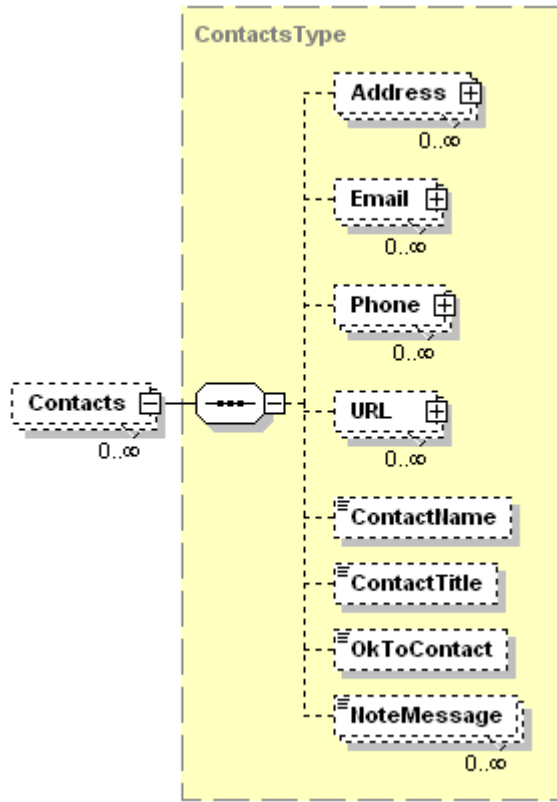
Code Example:

```

<AlternateName>
  <FirstName>Test</FirstName>
  <MiddleName>Record</MiddleName>
  <MiddleName>Test</MiddleName>
  <LastName>Speede</LastName>
  <NameSuffix/>
</AlternateName>

```

TestStudent.TestPerson.Contacts



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|---|-----------------|--|
| Address | Optional Repeatable | This is a combined Address Group for a choice between Domestic or International | Recommended | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email address(es) for the student | Recommended | minOcc 0 maxOcc ∞ |
| Phone | Optional Repeatable | Phone number(s) for the student | Recommended | minOcc 0 maxOcc ∞ |
| URL | Optional Repeatable | Personal URL(s) on record for the student | Not Recommended | minOcc 0 maxOcc ∞ |
| ContactName | Optional | Name of the contact at the sponsoring organization | Recommended | minOcc 0 maxOcc ∞ minLen 0 maxLen 60 |
| ContactTitle | Optional | Job title or position of the contact at the sponsoring organization | Recommended | minOcc 0 maxOcc ∞ minLen 0 maxLen 60 |
| OkToContact | Optional | If known, this is the information that the applicant has provided that it is OK to contact the person at the sponsoring organization about additional information | Optional | minOcc 0 maxOcc ∞ Enumeration: Yes No |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information about the Contacts | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: <i>The inclusion of the contact information about the student can be helpful at the receiving institution for additional matching criteria. It can also be of use at the receiving school (if the student has not yet applied for admission) to create a skeletal admissions record, or it may also be used in an attempt to contact the student to encourage the student to submit an application.</i></p> | | | | |

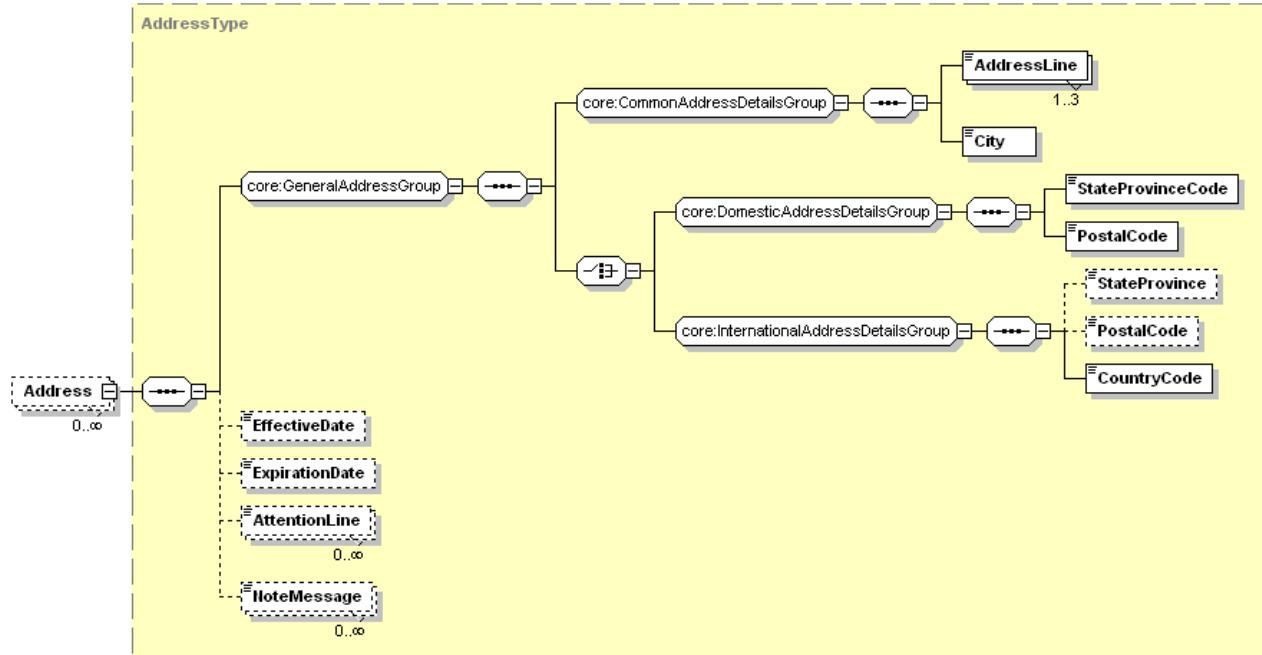
Code Example:

```

<Contacts>
  <Address>
    SubElement omitted
  </Address>
  <Phone>
    SubElement omitted
  </Phone>
  <Email>
    SubElement omitted
  </Email>
</Contacts>
    
```

TestStudent.TestPerson.Contacts.Address

Note: Although the complex data element Address is an optional data element, if you choose to send the Address of the Student, then you must send AddressLine and City and also StateProvinceCode, and PostalCode OR CountryCode



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|---|---------------------------------|---|
| <i>GeneralAddressGroup</i> | Required | This Address Group is for items common to all Addresses. | Required | minOcc 1 maxOcc 1 |
| <p>Comment: [<i>GeneralAddressGroup</i>] does not appear in the instance document. It requires the use of <i>CommonAddressDetailsGroup</i> <u>and</u> the choice of one of either <i>DomesticAddressDetailsGroup</i> or <i>InternationalAddressDetailsGroup</i>. This group is required in the schema only if you choose to send the address of the contact.</p> | | | | |
| <i>CommonAddressDetailsGroup</i> | Required | This Address Group is for items common to all Addresses. | Required | minOcc 1 maxOcc 1 |
| <p>Comment: [<i>CommonAddressDetailsGroup</i>] does not appear in the instance document. If the address of a contact is included in the test score report, then this must be sent. It is required and must be paired with one of either <i>DomesticAddressDetailsGroup</i> or <i>InternationalAddressDetailsGroup</i>.</p> | | | | |
| AddressLine | Required Repeatable | Local delivery information such as street, building number, PO box, or apartment portion of a postal address of a Contact at the Sending (Source) High School | Required | minOcc 1 maxOcc 3 minLen 1 maxLen 40 |
| City | Required | City portion of the Address of a Contact at the Sending (Source) High School | Required | minOcc 1 maxOcc 1 minLen 2 maxLen 30 |
| <i>DomesticAddressDetailsGroup</i> | Required Choice | This Address Group is for items specific for US and Canadian Addresses. | Required for domestic addresses | minOcc 1 maxOcc 1 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|---|--|
| Comment: [DomesticAddressDetailsGroup] does not appear in the instance document. If the complex data element address has a United States or Canadian Postal Code and a US State or Canadian Province Code, then this should be the required choice. | | | | |
| StateProvinceCode | Required | Code for US states, etc., and Canadian provinces | Required | minOcc 1 maxOcc 1 Enumeration: See Appendix A |
| PostalCode | Required | Postal code portion of the Address | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 17 |
| InternationalAddressDetailsGroup | Required choice | This Address Group is for items specific for International Addresses. | Required for international addresses | minOcc 1 maxOcc 1 |
| Comment: [InternationalAddressDetailsGroup] does not appear in the instance document. This choice is for addresses that do not have a US or Canadian postal code. | | | | |
| StateProvince | Optional | Literal name of the state, province, or territory of a postal address of the source of this document. Use for addresses outside US or Canada. | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 2 maxLen 30 |
| Comment: For an internet resource of states or other geographical subdivisions in countries other than the US and Canada, you might choose to refer to the website of the Universal Postal Union at http://www.upu.int | | | | |
| PostalCode | Optional | The postal code portion of the Address | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 1 maxLen 17 |
| Comment: For an internet resource of states or other geographical subdivisions in countries other than the US and Canada, you might choose to refer to the website of the Universal Postal Union at http://www.upu.int | | | | |
| CountryCode | Required | Code indicating Country. | Required | minOcc 1 maxOcc 1 Enumerations: See Appendix B |
| EffectiveDate | Optional | Date on which the address became (or will become) effective | Optional | minOcc 0 maxOcc 1 Format: CCYY |
| ExpirationDate | Optional | Date on which the address became (or will become) effective | Optional | minOcc 0 maxOcc 1 Format: CCYY |
| AttentionLine | Optional | Individual at the postal address where inquiries should be directed | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 45 |
| NoteMessage | Optional Repeatable | Additional information about the addresses of the contacts at the source school | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example (domestic address):

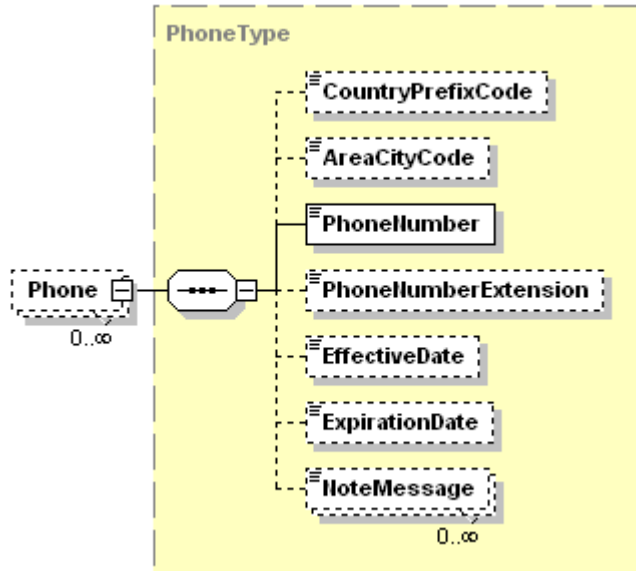
```
<Address>  
  <AddressLine>1715 W Cesar Chavez</AddressLine>  
  <City>Austin</City>  
  <StateProvinceCode>TX</StateProvinceCode>  
  <PostalCode>78703</PostalCode>  
</Address>
```

Code Example (international address):

```
<Address>  
  <AddressLine>Rudolfsplatz 13a/9</AddressLine>  
  <City>Wien</City>  
  <StateProvince/>  
  <PostalCode>A-1010</PostalCode>  
  <CountryCode>AT</CountryCode>  
</Address>
```

TestStudent.TestPerson.Contacts.Phone

Note: Although the complex data element Phone is an optional data element, if you choose to send the Phone of the Student, then you must send the data element PhoneNumber.



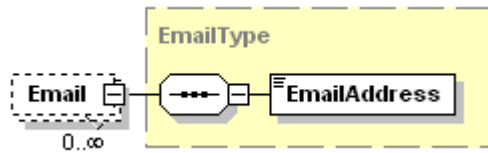
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|-----------------|--|
| CountryPrefixCode | Optional | International dialing code | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 |
| AreaCityCode | Optional | Regional dialing code | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| Comment: For phone numbers in the United States and Canada, this is the normal three digit area code. | | | | |
| PhoneNumber | Required | Telephone number | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 11 |
| PhoneNumberExtension | Optional | Extended telephone addressing information used in addition to phone number such as a PBX extension, a pager PIN, or FAX sub-address | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| EffectiveDate | Optional | Date on which the address became (or will become) effective | | minOcc 0 maxOcc 1 Format: CCYY |
| ExpirationDate | Optional | Date on which the address became (or will become) effective | | minOcc 0 maxOcc 1 Format: CCYY |
| NoteMessage | Optional Repeatable | Additional information about the phone number | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Phone>  
  <AreaCityCode>512</AreaCityCode>  
  <PhoneNumber>8888888</PhoneNumber>  
</Phone>
```


TestStudent.TestPerson.Contacts.Email

Note: Although the complex data element Email is an optional data element, if you choose to send the Email of the Student, then you must send the data element EmailAddress.



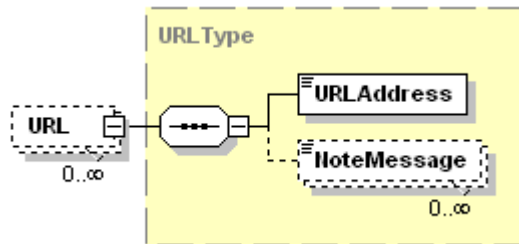
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|------------|---|-----------------|--|
| EmailAddress | Required | Numbers, letters, and symbols used to identify an electronic mail (Email) user within a network | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 128 |

Code Example:

```
<Email>
  <EmailAddress>stewartj@notreal.com</EmailAddress>
</Email>
```

TestStudent.TestPerson.Contacts.URL

Note: Although the complex data element URL is an optional data element, if you choose to send the URL of the Student, then you must send the data element URLAddress.



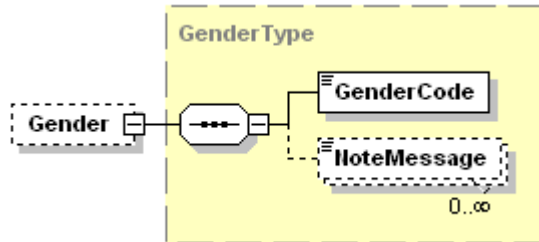
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|------------------------|--|-----------------|--|
| URLAddress | Required | Uniform Resource Locator (URL) address associated with a student | Required | minOcc 1 maxOcc 1 minLen 0 maxLen 512 |
| NoteMessage | Optional Repeatable | Additional information about the URL | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<URL>
  <URLAddress>www.notarealurl.com</URLAddress>
</URL>
```

TestStudent.TestPerson.Gender

Note: Although the complex data element Gender is an optional data element, if you choose to send the Gender of the Student, then you must send the data element GenderCode.

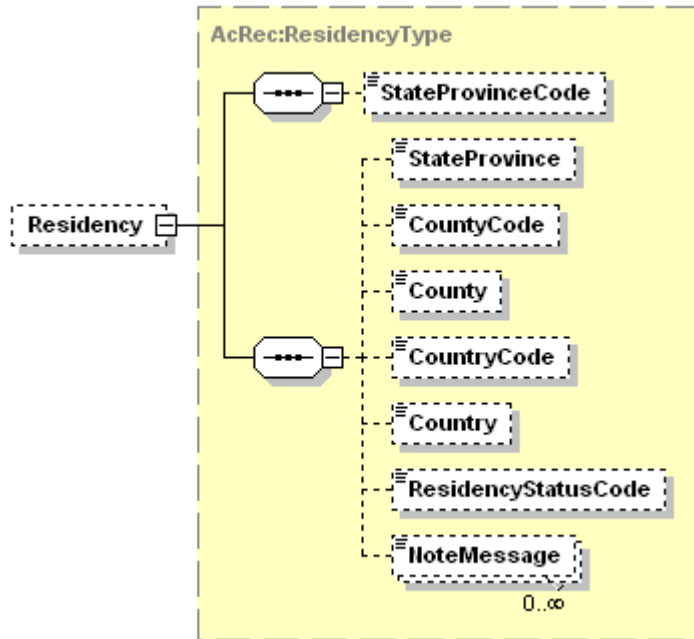


| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|------------------------|-------------------------------------|--------------------|---|
| GenderCode | Required | Gender of the Student | Required | minOcc 1 maxOcc 1 Enumeration: Female Male Unreported |
| NoteMessage | Optional Repeatable | Additional information about Gender | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Gender>
  <GenderCode>Male</GenderCode>
</Gender>
```

TestStudent.TestPerson.Residency



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------|--------------------|---|---|--|
| StateProvinceCode | Optional Choice | The US State or Province in which the Student claims residency | Optional | minOcc 0 maxOcc 1 Enumerations: See Appendix B |
| StateProvince | Optional Choice | Literal name of the state, province, or territory of a postal address of the source of this document. Use for addresses outside US or Canada. | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 2 maxLen 30 |
| CountyCode | Optional Choice | A code identifying the county which the applicant claims as the permanent residence. This is a 5-digit code which includes state (2 digits) and county within a state (3 digits). | Optional | minOcc 0 maxOcc 1 minLen 2 maxLen 3 See FIPS Pub 6-4 |
| County | Optional Choice | Name of the county which the claimant states as the county of permanent residence | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| CountryCode | Optional Choice | Code indicating Country | Optional | minOcc 0 maxOcc 1 |
| Country | Optional Choice | Name of the country which the claimant states as the country of permanent residence | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| ResidencyStatusCode | Optional Choice | Declaration made by the claimant as to his or her permanent residency | Optional | minOcc 0 maxOcc 1 |

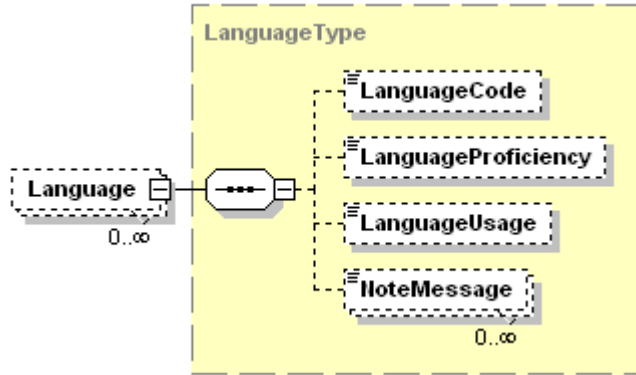
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|------------------------|------------------------|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<Residency>
  <StateProvinceCode>MD</StateProvinceCode>
</Residency>
    
```

TestStudent.TestPerson.Language



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------|------------------------|--|-----------------|--|
| LanguageCode | Optional Repeatable | Language in which the student claims proficiency | Optional | minOcc 0 maxOcc 1 minLen 3 maxLen 3 See Appendix I |
| LanguageProficiency | Optional | Proficiency level of the applicant in this language | Optional | minOcc 0 maxOcc 1 Enumerations: Excellent Good Fair Poor Unacceptable Unknown |
| LanguageUsage | Optional | Type of language use | Optional | minOcc 0 maxOcc 1 Enumerations: SpokenAtHome Reading Writing Speaking Native |
| NoteMessage | Optional Repeatable | Additional information about the language proficiency of the student | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 80 |

Code Example:

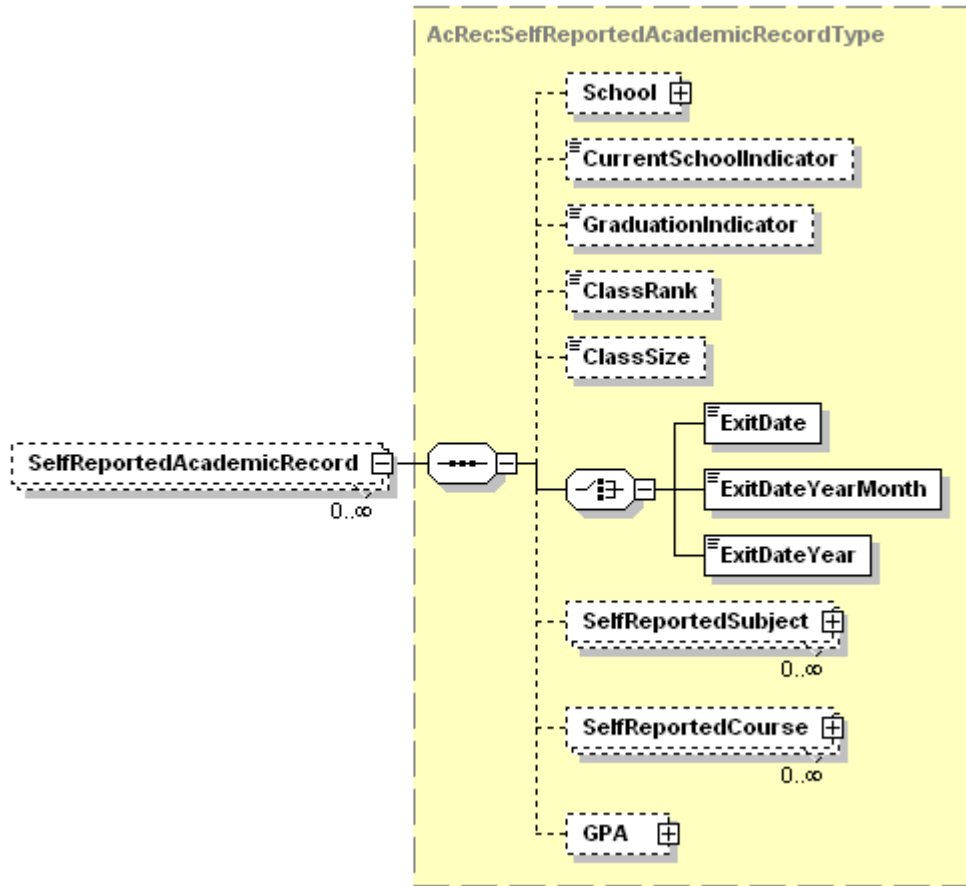
```

<Language>
  <LanguageCode>Wel</LanguageCode>
  <LanguageProficiency>Fair</LanguageProficiency>
  <LanguageUsage>Speaking</LanguageUsage>
</Language>
    
```

TestStudent.AcademicRecord

This element is intended for use by organizations that provide both test score report information and official transcript information. A detailed description of this element is provided in a supplement at www.pesc.org.

TestStudent.SelfReportedAcademicRecord



| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------------|-----------------|---|-----------------|---|
| School | Optional | School where the courses were taken | Optional | minOcc 0 maxOcc 1 |
| CurrentSchoolIndicator | Optional | Listed school is the current or last school attended | Optional | minOcc 0 maxOcc 1 Type: boolean |
| GraduationIndicator | Optional | Student graduated from this school | Optional | minOcc 0 maxOcc 1 Type: boolean |
| ClassRank | Optional | Class Rank of Student's GPA in the School | Optional | minOcc 0 maxOcc 1 Type: positiveinteger |
| ClassSize | Optional | Class Size of School from which the student graduated | Optional | minOcc 0 maxOcc 1 Type: positiveinteger |
| ExitDate | Required Choice | Approximate date on which the student stopped attending the school | Required Choice | minOcc 0 maxOcc 1 |
| ExitDateYearMonth | Required Choice | The time that the student last attended the educational institution | Required Choice | minOcc 1 maxOcc 1 Format: YYYY-MM |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------|------------------------|---|--------------------|--|
| ExitDateYear | Required Choice | The time that the student last attended the educational institution | Required Choice | minOcc 1 maxOcc 1 Format: YYYY |
| SelfReportedSubject | Optional Repeatable | Information about academic subjects and performance in those subjects | Optional | minOcc 0 maxOcc ∞ |
| SelfReportedCourse | Optional Repeatable | Course information for the self-reported course | Recommended | minOcc 0 maxOcc ∞ |
| GPA | Optional | Estimated GPA at the indicated School. | Optional | minOcc 0 maxOcc 1 |

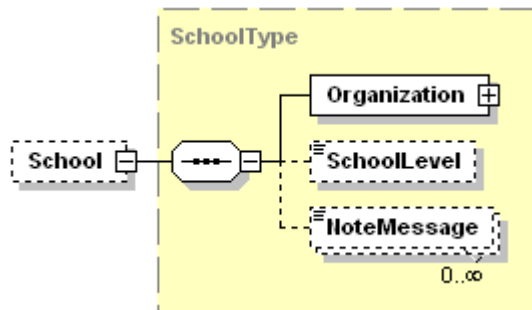
0

Code Example:

```

<SelfReportedAcademicRecord>
  <School>
    SubElement omitted
  </School>
  <CurrentSchoolIndicator>true</CurrentSchoolIndicator>
  <SelfReportedCourse>
    SubElement omitted
  </SelfReportedCourse>
  <GPA>
    SubElement omitted
  </GPA>
</SelfReportedAcademicRecord>
    
```

TestStudent.SelfReportedAcademicRecord.School



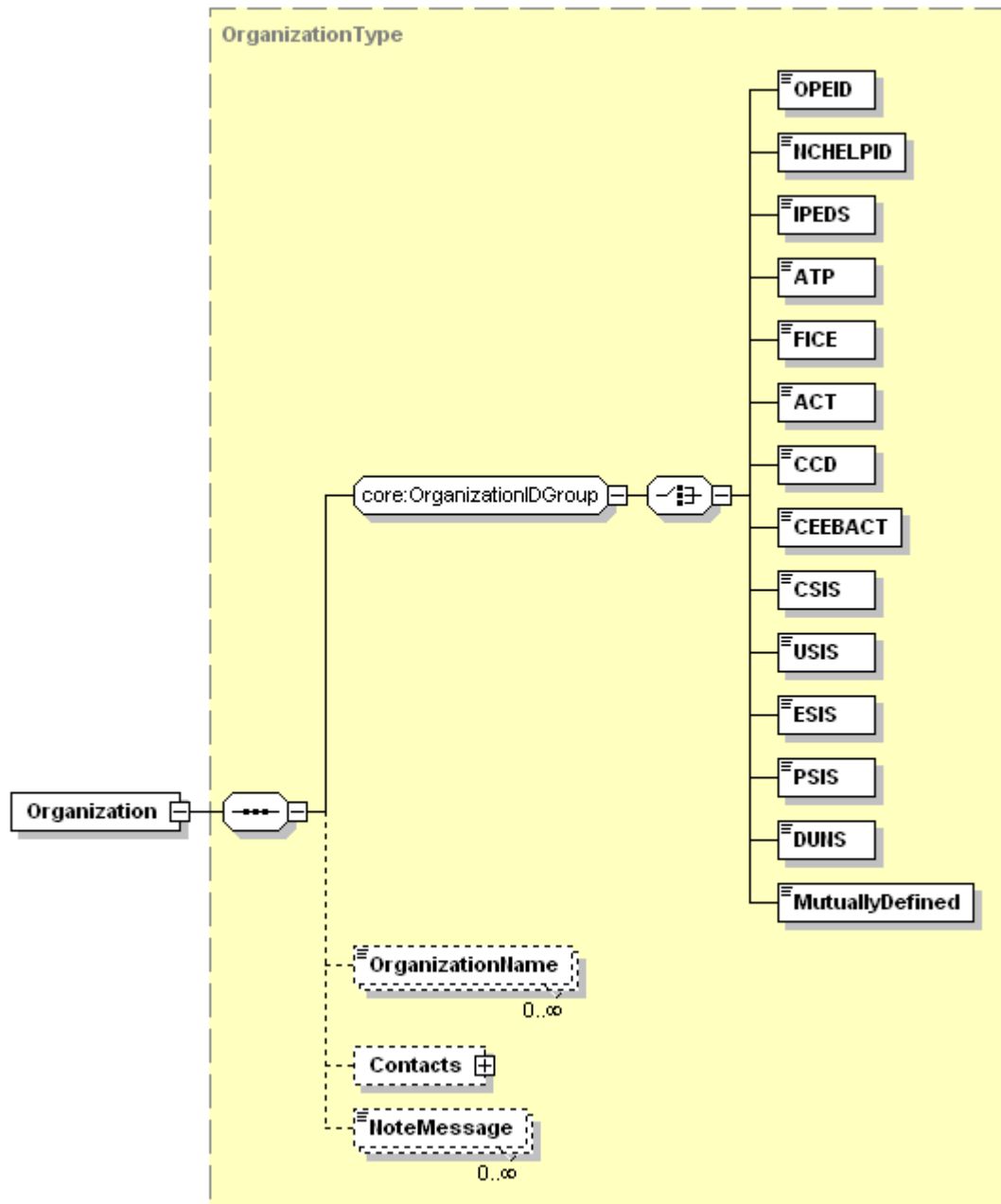
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|------------|---|-----------------|---|
| Organization | Required | Organization where the courses were taken. See School.Organization. | Required | minOcc 1 maxOcc 1 |
| SchoolLevel | Optional | The level of educational institution from which the courses were or will be taken | Optional | minOcc 0 maxOcc 1 Enumeration: Elementary Secondary Postsecondary |
| NoteMessage | Optional | Additional Information about the school | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<School>
  <Organization>
    SubElement omitted
  </Organization>
  <SchoolLevel>Secondary</SchoolLevel>
</School>
    
```

TestStudent.SelfReportedAcademicRecord.School.Organization



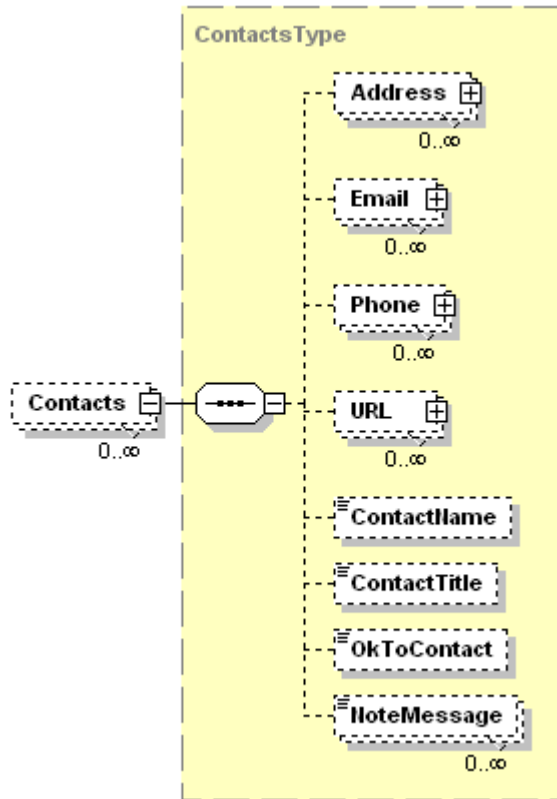
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------|--|--|--------------------------------|--|
| [OrganizationIDGroup] | Required | Allowable Organization IDs - Exclusive choice | Recommended | minOcc 1 maxOcc 1 |
| | Comment: [OrganizationIDGroup] is not an XML tag and does not appear in an instance document. It requires the choice of one and only one of the following code set tags to identify the institution/organization | | | |
| OPEID | Required Choice | Unique identifier assigned by the Office of Postsecondary Education for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| | Comment: The OPEID would not normally be an appropriate choice in this case since test scores are not normally generated by postsecondary institutions. | | | |
| NCHELPID | Required Choice | Unique identifier assigned by National Council on Higher Education Loan Programs for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| | Comment: The NCHELPID would not normally be an appropriate choice in this case since high school test score reports are not normally generated by the financial aid world. | | | |
| IPEDS | Required Choice | Unique identifier for Integrated Postsecondary Education Data System assigned by the National Center for Education Statistics for each postsecondary data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| | Comment: The IPEDS would not normally be an appropriate choice in this case since test score reports are not normally generated by postsecondary institutions. | | | |
| ATP | Required Choice | Unique identifier for the Admissions Testing Program assigned by the College Board for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| | Comment: Since ATP codes are normally issued only to postsecondary institutions, the use of this code to identify a secondary school is not recommended. | | | |
| FICE | Required Choice | Unique identifier once maintained for the Federal Interagency Committee on Education by the National Center for Education Statistics for each postsecondary data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| | Comment: Although the FICE code set is still widely used by many postsecondary institutions, it has not been maintained by NCES or anyone else since late in the last century. Therefore, codes for new institutions created since then have been locally assigned and cannot be relied upon. Since FICE codes were normally issued only to postsecondary institutions, the use of this code to identify a secondary school is not recommended. | | | |
| ACT | Required Choice | Unique identifier for postsecondary educational institutions assigned by American College Testing available at www.act.org | Not Recommended | minOcc 0 maxOcc 1 minLen 4 maxLen 4 |
| | Comment: Since ACT codes are normally issued only to postsecondary institutions, the use of this code to identify a secondary school is not recommended. | | | |
| CCD | Required Choice | Unique identifier assigned by National Center for Education Statistics as the Common Core of Data for each data exchange partner | Required choice Recommended | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |
| | Comment: The CCD Is a recommended choice to identify secondary school senders. | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|---|--------------------------------|---|
| CEEBACT | Required Choice | Unique identifier assigned by the College Entrance Examining Board and ACT for each K-12 data exchange partner. | Required Choice Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The CEEBACT code set is a preferred choice to identify secondary school senders. | | | | |
| CSIS | Required Choice | Unique identifier assigned by the Statistics Canada Canadian College Student Information System for each postsecondary data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: Since this code set is used to identify postsecondary schools in Canada, it is not a recommended choice. | | | | |
| USIS | Required Choice | Unique identifier assigned by the Statistics Canada University Student Information System for each data postsecondary exchange partner | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: Since this code set is used to identify postsecondary schools in Canada, it is not a recommended choice. | | | | |
| ESIS | Required Choice | Unique identifier assigned by the Statistics Canada Enhanced Student Information System for each data postsecondary exchange partner | Not Recommended | minOcc 0 maxOcc 1 minLen 8 maxLen 8 |
| Comment: The ESIS number would not be a normal choice to identify the sending Canadian school that created a Test score report. | | | | |
| PSIS | Required Choice | A seven digit Canadian code that identifies primary and secondary educational institutons | Not Recommended | minOcc 0 maxOcc 1 minLen 7 maxLen 7 |
| Comment: This may be used of the code is not available in one of the other code sets such as CEEB. | | | | |
| DUNS | Required Choice | Data Universal Numbering System (DUNS), unique nine-character company identification number issued by Dun and Bradstreet Corporation. | Not Recommended | minOcc 0 maxOcc 1 minLen 9 maxLen 9 |
| Comment: The DUNS number would not be a normal choice to identify the sending school that created a Test Score Report. | | | | |
| MutuallyDefined | Required | | Optional | minLen 1 maxLen 80 |
| Comment: End of OrganizationIDGroup choice set tags. | | | | |
| OrganizationName | Optional Repeatable | Name of Non-person entity such as Organization, Institution, Agency, or Business. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| Comment: This is the name of the sending agency. | | | | |
| Contacts | Optional | To identify a person or an office at the school identified with the self reported scores | Strongly Not Recommended | minOcc 0 maxOcc ∞ |
| Comment: This element is included in this structure since the OrganizationType is used in other elements in this standard. However, because of it is not recommended for use in this element, detailed information will not be presented in this document. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the organization | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Organization>  
  <CEEBACT>440320</CEEBACT>  
  <OrganizationName>Austin High School</OrganizationName>  
  <OrganizationName>Austin Independent School District</OrganizationName>  
  <Contacts>Main Office</Contacts>  
</Organization>
```

TestStudent.SelfReportedAcademicRecord.School.Contacts

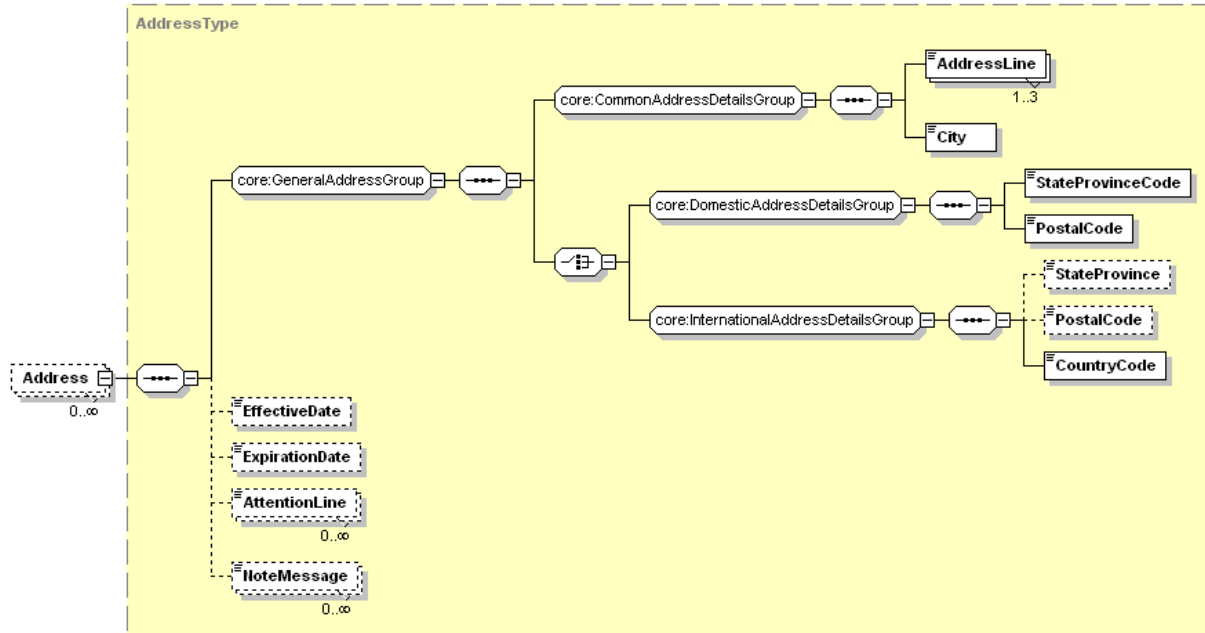


| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|--|-----------------|--|
| Address | Optional Repeatable | Combined Address Group for a choice between Domestic or International | Optional | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email address of school contact | Recommended | minOcc 0 maxOcc ∞ |
| Phone | Optional Repeatable | Phone number of school contact | Recommended | minOcc 0 maxOcc ∞ |
| URL | Optional Repeatable | Uniform Resource Locator of the school | Optional | minOcc 0 maxOcc ∞ |
| ContactName | Optional | Name of the contact at the sponsoring organization | Recommended | minOcc 0 maxOcc ∞ minLen 0 maxLen 60 |
| ContactTitle | Optional | Job title or position of the contact at the sponsoring organization | Recommended | minOcc 0 maxOcc ∞ minLen 0 maxLen 60 |
| OkToContact | Optional | If known, information the applicant has provided that it is OK to contact the person at the sponsoring organization about additional information | Optional | minOcc 0 maxOcc ∞ Enumeration: Yes No |
| NoteMessage | Optional Repeatable | Additional information about the contacts at the school | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Contacts>  
  <Email>sample@notanemail.com</Email>  
  <Phone>5555551234</Phone>  
</Contacts>
```


TestStudent.SelfReportedAcademicRecord.School.Contacts.Address



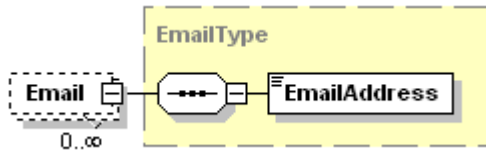
| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------------------------|--|---|---------------------------------|---|
| <i>GeneralAddressGroup</i> | Required | This Address Group is for items common to all Addresses. | Required | minOcc 1 maxOcc 1 |
| | Comment: [<i>GeneralAddressGroup</i>] does not appear in the instance document. It requires the use of <i>CommonAddressDetailsGroup</i> and the choice of one of either <i>DomesticAddressDetailsGroup</i> or <i>InternationalAddressDetailsGroup</i> . This group is required in the schema only if you choose to send the address of the contact. | | | |
| <i>CommonAddressDetailsGroup</i> | Required | This Address Group is for items common to all Addresses. | Required | minOcc 1 maxOcc 1 |
| | Comment: [<i>CommonAddressDetailsGroup</i>] does not appear in the instance document. If the address of a contact is included in the test score report, then this must be sent. It is required and must be paired with one of either <i>DomesticAddressDetailsGroup</i> or <i>InternationalAddressDetailsGroup</i> . | | | |
| <i>AddressLine</i> | Required Repeatable | Local delivery information such as street, building number, PO box, or apartment portion of a postal address of a Contact at the school | Required | minOcc 1 maxOcc 3 minLen 1 maxLen 40 |
| <i>City</i> | Required | City portion of the Address of a Contact at the school. | Required | minOcc 1 maxOcc 1 minLen 2 maxLen 30 |
| <i>DomesticAddressDetailsGroup</i> | Required Choice | This Address Group is for items specific for US and Canadian Addresses. | Required for domestic addresses | minOcc 1 maxOcc 1 |
| | Comment: [<i>DomesticAddressDetailsGroup</i>] does not appear in the instance document. If the complex data element address has a United States or Canadian Postal Code and a US State or Canadian Province Code, then this should be the required choice. | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|---|--|
| StateProvinceCode | Required | Code for US states, etc., and Canadian provinces | Required | minOcc 0 maxOcc ∞ Enumeration: See Appendix A |
| PostalCode | Required | Postal code portion of the Address | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 17 |
| <i>InternationalAddressDetailsGroup</i> | Required Choice | This Address Group is for items specific for International Addresses. | Required for international addresses | minOcc 1 maxOcc 1 |
| Comment: [InternationalAddressDetailsGroup] does not appear in the instance document. This choice is for addresses that do not have a US or Canadian postal code. | | | | |
| StateProvince | Optional | Literal name of the state, province, or territory of a postal address of the listed school. Use for addresses outside US or Canada. | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 2 maxLen 30 |
| Comment: For an internet resource of states or other geographical subdivisions in countries other than the US and Canada, you might choose to refer to the website of the Universal Postal Union at http://www.upu.int | | | | |
| PostalCode | Optional | Postal code portion of the Address. | Recommended Refer to common postal practices of the source country | minOcc 0 maxOcc 1 minLen 1 maxLen 17 |
| Comment: For an internet resource of states or other geographical subdivisions in countries other than the US and Canada, you might choose to refer to the website of the Universal Postal Union at http://www.upu.int | | | | |
| CountryCode | Required | Code indicating Country. | Required | minOcc 1 maxOcc 1 Enumerations: See Appendix B |
| EffectiveDate | Optional | Date on which the address became (or will become) effective | | minOcc 0 maxOcc 1 Format:: CCYY |
| ExpirationDate | Optional | Date on which the address became (or will become) effective | | minOcc 0 maxOcc 1 Format:: CCYY |
| AttentionLine | Optional | The individual or office name within the postal address where inquiries should be directed | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 45 |
| Comment: This might be used to indicate where questions about the record should be sent. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the addresses of the contacts at the school | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Address>
  <GeneralAddressGroup>
    <CommonAddressDetailsGroup>
      <AddressLine>123 Street</AddressLine>
      <City>CityName</City>
    </CommonAddressDetailsGroup>
    <DomesticAddressDetailsGroup>
      <StateProvinceCode>OR</StateProvinceCode>
      <PostalCode>12345</PostalCode>
    </DomesticAddressDetailsGroup>
  </GeneralAddressGroup>
</Address>
```

TestStudent.SelfReportedAcademicRecord.School.Contacts.Email

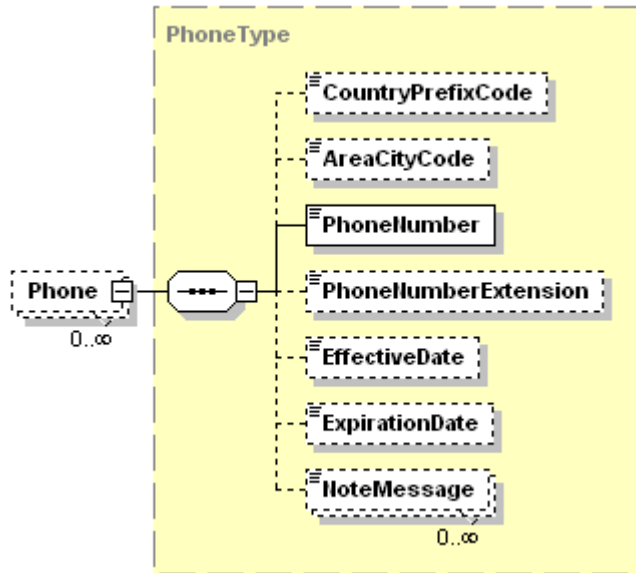


| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|------------|---|-----------------|--|
| EmailAddress | Required | Numbers, letters, and symbols used to identify an electronic mail (Email) user within a network | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 128 |

Code Example:

```
<Email>
  <EmailAddress>stewartj@notreal.com</EmailAddress>
</Email>
```

TestStudent.SelfReportedAcademicRecord.School.Contacts.Phone

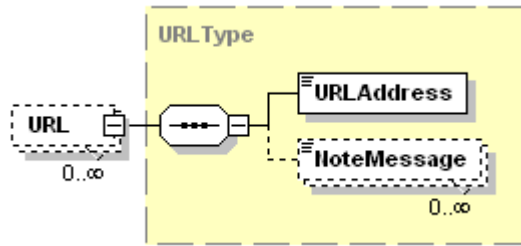


| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|-----------------|--|
| CountryPrefixCode | Optional | International dialing code | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 |
| AreaCityCode | Optional | Regional dialing code | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| Comment: For phone numbers in the United States and Canada, this is the normal three-digit area code. | | | | |
| PhoneNumber | Required | Telephone number | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 11 |
| PhoneNumberExtension | Optional | The extended telephone addressing information used in addition to phone number such as a PBX extension, a pager PIN, or FAX sub-address | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| EffectiveDate | Optional | Date on which the address became (or will become) effective | | minOcc 0 maxOcc 1 Format: CCYY |
| ExpirationDate | Optional | Date on which the address became (or will become) effective | | minOcc 0 maxOcc 1 Format: CCYY |
| NoteMessage | Optional Repeatable | Additional information about the phone number | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Phone>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>8888888</PhoneNumber>
</Phone>
```

TestStudent.SelfReportedAcademicRecord.School.Contacts.URL



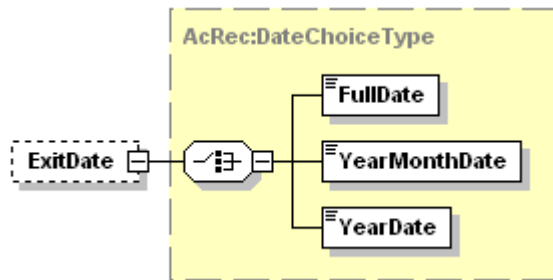
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|------------------------|---|-----------------|--|
| URLAddress | Required | The Uniform Resource Locator (URL) address associated with a school | Required | minOcc 1 maxOcc 1 minLen 0 maxLen 512 |
| NoteMessage | Optional Repeatable | Additional information about the URL | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<URL>
  <URLAddress>www.notarealurl.com</URLAddress>
</URL>
    
```

TestStudent.SelfReportedAcademicRecord.ExitDate

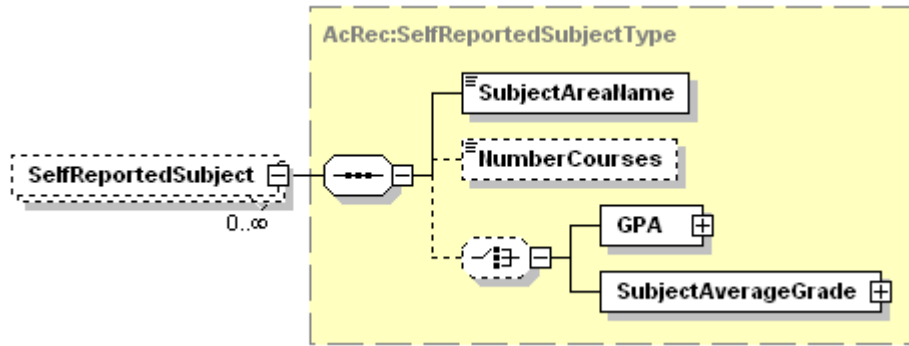


| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|-----------------|--------------------------|--------------------|--|
| FullDate | Required Choice | Test administration date | Required (use one) | minOcc 1 maxOcc 1 Format: CCYY-MM-DD |
| Comment: If exit date is used then one of the dates is required. Use this choice if exact exit date is known. | | | | |
| YearMonthDate | Required Choice | Test administration date | Required (use one) | minOcc 1 maxOcc 1 Format: CCYY-MM |
| Comment: Use this choice if only the year and the month of exit is known. | | | | |
| YearDate | Required Choice | Test administration date | Required (use one) | minOcc 1 maxOcc 1 Format: CCYY |
| Comment: Use this choice if only the year of exit is known. | | | | |

Code Example:

```
<ExitDate>
  <YearMonthDate>2007-06</YearMonthDate>
</ExitDate>
```

TestStudent.SelfReportedAcademicRecord.SelfReportedSubject



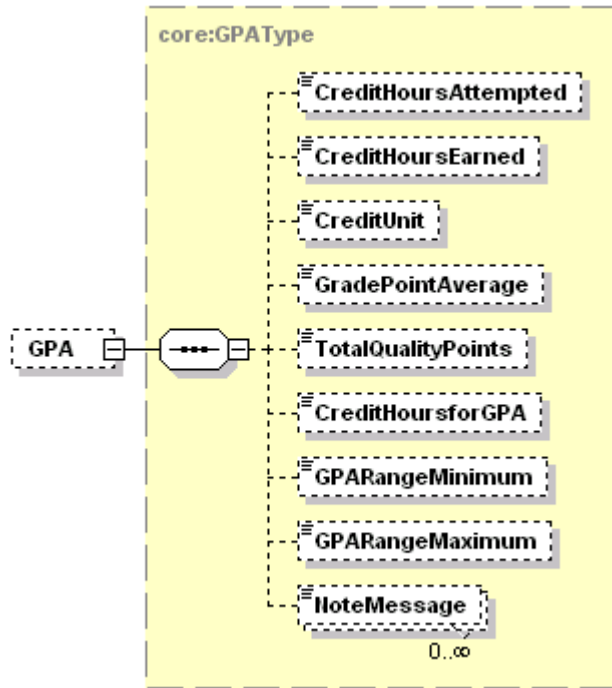
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|-----------------|---|-----------------|---|
| SubjectAreaName | Required | Name of the general subject area for which a grade is given (e.g., English) | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 80 |
| NumberCourses | Optional | Number of courses that were taken in this subject area | Optional | minOcc 0 maxOcc 1 Type: PositiveInteger |
| Comment: An average may be expressed as a GPA or Subject Average Grade. If performance is recorded then choose one of the following: | | | | |
| GPA | Optional Choice | GPA for the subject area | Optional Choice | minOcc 0 maxOcc 1 |
| SubjectAverageGrade | Optional Choice | Average grade for the subject area | Optional Choice | minOcc 0 maxOcc 1 |

Code Example:

```

<SelfReportedSubject>
  <SubjectAreaName>English</SubjectAreaName>
  <NumberCourses>4</NumberCourses>
  <GPA>
    Subelements Omitted
  </GPA>
</SelfReportedSubject>
    
```


TestStudent.SelfReportedAcademicRecord.SelfReportedSubject.GPA



| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|------------|--|-----------------|---|
| CreditHoursAttempted | Optional | Total value of credit hours attempted whether or not included in the hours for GPA or hours earned | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditHoursEarned | Optional | Total value of credit hours successfully completed or earned | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditUnit | Optional | Type of credit (unit, semester, or quarter) associated with the credit hours earned for the course | Not Recommended | minOcc 0 maxOcc 1 Enumeration: NoCredit Quarter Semester Units ClockHours CarnegieUnits ContinuingEducationUnits Unreported Other |
| GradePointAverage | Optional | Value of the total quality points divided by the Credit Hours for Grade Point Average. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| TotalQualityPoints | Optional | Total value of quality points used for the calculation of the Grade Point Average | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditHoursforGPA | Optional | Total value of credit hours used to calculate the Grade Point Average | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |

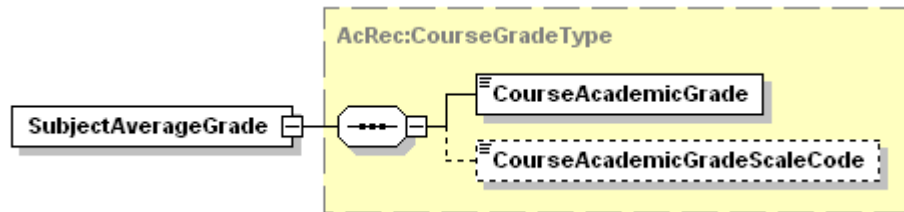
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|---|-----------------|---|
| | | Comment: If a student earned grades of A (worth 4 grades points per unit) in 3 Carnegie Units in this program for this diploma; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma and this program would be "7". | | |
| GPARangeMinimum | Optional | Minimum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the lowest possible grade is an F and a grade of F is valued at 0 grade points, then this value would be "0", or "0.0" or "0.00". | | |
| GPARangeMaximum | Optional | Maximum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the highest possible grade is an A and a grade of A is valued at 4 grade points, then this value would be "4" or "4.0" or "4.00", etc. | | |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: A student's GPA for a specific program within the Award or Diploma would not normally be included in a test score report so this entire section of the schema would not normally be included. | | | | |

Code Example:

```

<GPA>
  <GradePointAverage>3.75</GradePointAverage>
  <GPARangeMinimum>0</GPARangeMinimum>
  <GPARangeMaximum>4</GPARangeMaximum>
</GPA>
    
```

**TestStudent.SelfReportedAcademicRecord.SelfReportedSubject.
SubjectAverageGrade**

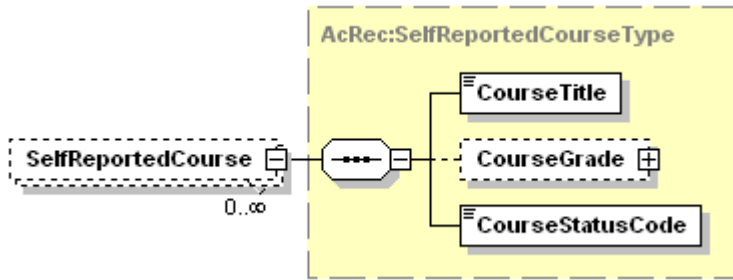


| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------------------|------------|--|-----------------|---|
| CourseAcademicGrade | Required | Self-reported average grade for the subject area | Recommended | minOcc 1 maxOcc 1 minLen 1 maxLen 10 See Appendix D |
| CourseAcademicGradeScaleCode | Optional | Grade Scale specified in Appendix D | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 See Appendix D |

Code Example:

```
<SubjectAverageGrade>
  <CourseAcademicGrade>C+</CourseAcademicGrade>
  <CourseAcademicGradeScaleCode>01</CourseAcademicGradeScaleCode>
</SubjectAverageGrade>
```

TestStudent.SelfReportedAcademicRecord.SelfReportedCourse



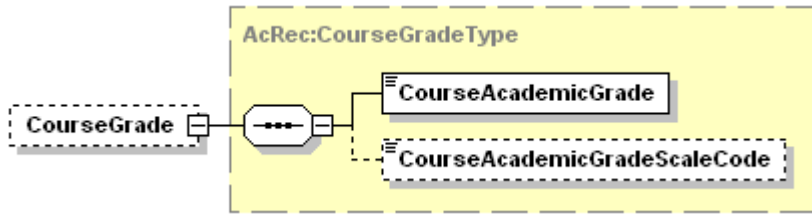
| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------|------------|---|-----------------|---|
| CourseTitle | Required | Generic name of the course | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 60 |
| CourseGrade | Optional | Grade for the course | Optional | minOcc 0 maxOcc 1 |
| CourseStatusCode | Required | Status of this course. This field is required if CourseAcademicGrade is used. | Required | minOcc 1 maxOcc 1 Enumeration: InProgress NotTaken Planned Taken |

Code Example:

```

<SelfReportedCourse>
  <CourseTitle>English 9</CourseTitle>
  <CourseGrade>A</CourseGrade>
  <CourseStatus>Taken</CourseStatus>
</SelfReportedCourse>
<SelfReportedCourse>
  <CourseTitle>Calculus I</CourseTitle>
  <CourseStatusCode>Planned</CourseStatusCode>
</SelfReportedCourse> [repeat as needed]
    
```

TestStudent.SelfReportedAcademicRecord.CourseGrade.CourseAcademicGrade

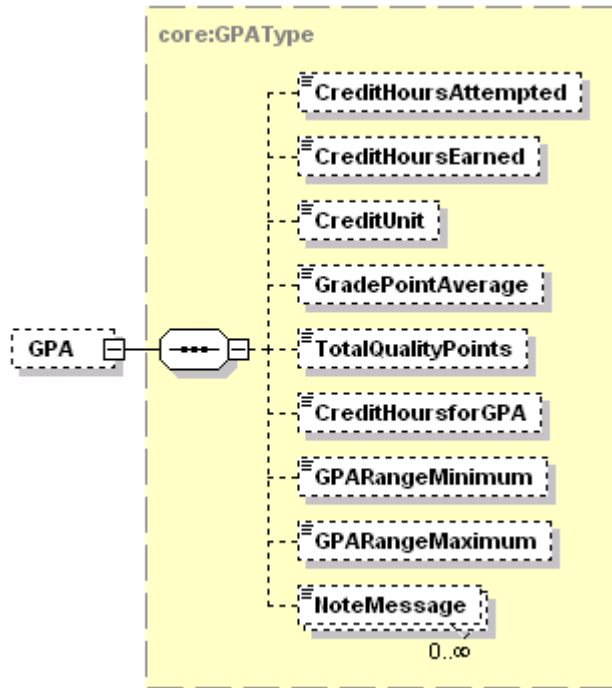


| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|--|-----------------|---|
| CourseAcademicGrade | Required | Self-reported average grade for the subject area | Recommended | minOcc 1 maxOcc 1 minLen 1 maxLen 10 See Appendix D |
| Comment: CourseAcademicGrade is required only if CourseGrade Element is present. | | | | |
| CourseAcademicGradeScaleCode | Optional | Grade Scale specified in Appendix D | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 See Appendix D |

Code Example:

```
<CourseGrade>
  <CourseAcademicGrade>C+</CourseAcademicGrade>
  <CourseAcademicGradeScaleCode>01</CourseAcademicGradeScaleCode>
</CourseGrade>
```

TestStudent.SelfReportedAcademicRecord.GPA



| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|------------|--|-----------------|---|
| CreditHoursAttempted | Optional | Total value of credit hours attempted whether or not included in the hours for GPA or hours earned | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditHoursEarned | Optional | Total value of credit hours successfully completed or earned | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditUnit | Optional | Type of credit (unit, semester, or quarter) associated with the credit hours earned for the course | Not Recommended | minOcc 0 maxOcc 1 Enumeration: NoCredit Quarter Semester Units ClockHours CarnegieUnits ContinuingEducationUnits Unreported Other |
| GradePointAverage | Optional | The value of the total quality points divided by the Credit Hours for Grade Point Average. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| TotalQualityPoints | Optional | Total value of quality points used for the calculation of the Grade Point Average | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditHoursforGPA | Optional | Total value of credit hours used to calculate the Grade Point Average | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |

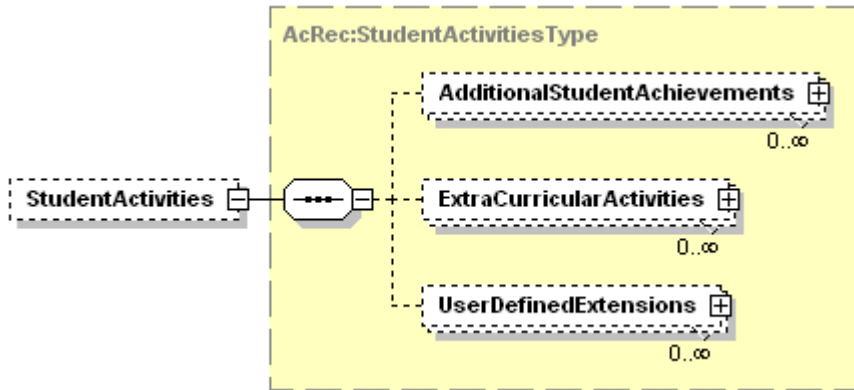
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|---|-----------------|---|
| | | Comment: If a student earned grades of A (worth 4 grades points per unit) in 3 Carnegie Units in this program for this diploma; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma and this program would be "7". | | |
| GPARangeMinimum | Optional | Minimum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the lowest possible grade is an F and a grade of F is valued at 0 grade points, then this value would be "0", or "0.0" or "0.00". | | |
| GPARangeMaximum | Optional | Maximum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the highest possible grade is an A and a grade of A is valued at 4 grade points, then this value would be "4" or "4.0" or "4.00", etc. | | |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: A student's GPA for a specific program within the Award or Diploma would not normally be included in a test score report so this entire section of the schema would not normally be included. | | | | |

Code Example:

```

<GPA>
  <GradePointAverage>3.75</GradePointAverage>
  <GPARangeMinimum>0</GPARangeMinimum>
  <GPARangeMaximum>4</GPARangeMaximum>
</GPA>
    
```

TestStudent.StudentActivities



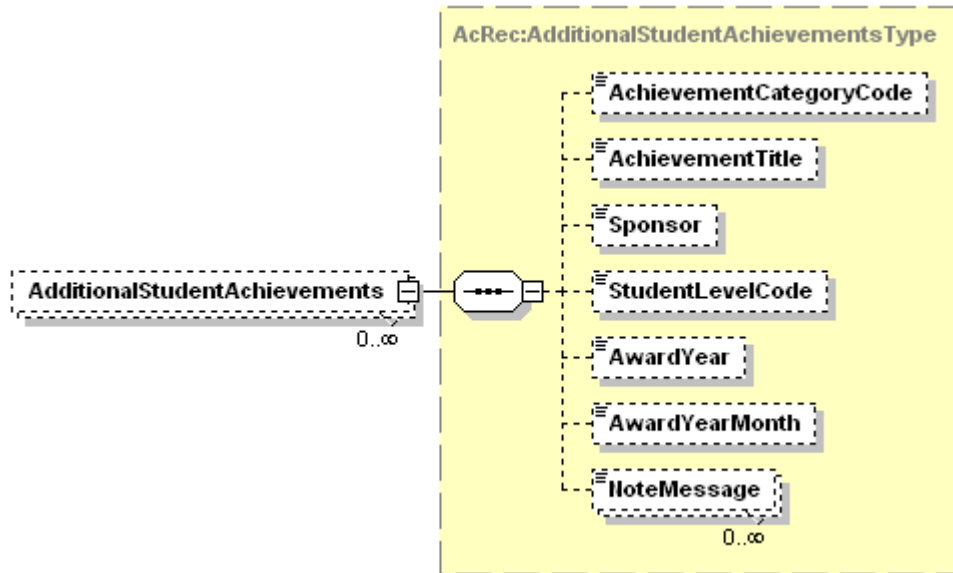
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------------------|------------|--|-----------------|----------------------|
| AdditionalStudentAchievements | Optional | Details applicant achievements not described elsewhere | Optional | minOcc 0 maxOcc ∞ |
| ExtraCurricularActivities | Optional | Details applicant participation in extracurricular activities | Optional | minOcc 0 maxOcc ∞ |
| UserDefinedExtensions | Optional | Provides for additional activities not covered by extracurricular activities and additional student achievements | Not Recommended | minOcc 0 maxOcc 1 |

Code Example:

```

<StudentActivities>
  <AdditionalStudentAchievements>
    SubElements omitted to save space
  </AdditionalStudentAchievements>
  <ExtraCurricularActivity>
    SubElements omitted to save space
  </ExtraCurricularActivity>
</StudentActivities>
    
```


TestStudent.StudentActivities.AdditionalStudentAchievements



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------------|---------------------|--|-----------------|---|
| AchievementCategoryCode | Optional | Category for the achievement | Optional | minOcc 0 maxOcc 1 Enumerations: Academic Arts Athletic BusinessEmployment CommunityService Leadership Other |
| AchievementTitle | Optional | Name or Title of the achievement earned by the student | Recommended | minOcc 0 maxOcc 1 minLen 0 maxLen 60 |
| Sponsor | Optional | Organization, company, school, person, etc. that sponsored the award | Optional | minOcc 0 maxOcc 1 minLen 0 maxLen 80 |
| StudentLevelCode | Optional | Level of the student when the achievement was earned or awarded | Optional | minOcc 0 maxOcc 1 Enumerations: See Appendix C |
| AwardYear | Optional | Year the achievement was earned or presented | Optional | minOcc 0 maxOcc 1 Format: CCYY |
| AwardYearMonth | Optional | Year and month the achievement was earned or presented | Optional | minOcc 0 maxOcc 1 Format: CCYY-MM |
| NoteMessage | Optional Repeatable | Additional information about the Additional Student Achievement | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<AdditionalStudentAchievements>  
  <AchievementCategoryCode>Athletic</AchievementCategoryCode>  
  <AchievementTitle>Football Star of the Year</AchievementTitle>  
  <StudentLevelCode>CollegeFirstYearAttendedBefore</StudentLevelCode>  
  <AwardYearMonth>2006-05</AwardYearMonth>  
</AdditionalStudentAchievements>
```

TestStudent.StudentActivities.ExtracurricularActivity



| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------------|------------|---|-----------------|--|
| StudentActivityCode | Optional | Code that identifies the Activity | Recommended | minOcc 0 maxOcc 1 Enumerations: See Appendix H |
| StudentActivityDescription | Optional | Description of the Activity | Recommended | minOcc 0 maxOcc 1 minLen 0 maxLen 60 |
| StudentActivityGradeLevel | Optional | Grade level of the applicant when they participated in the activity | Optional | minOcc 0 maxOcc 1 Enumerations: See Appendix C |
| YearMonthBegin | Optional | Month and year the applicant began participating | Optional | minOcc 0 maxOcc 1 Format: CCYY-MM |
| YearMonthEnd | Optional | Month and year the applicant stopped participating | Optional | minOcc 0 maxOcc 1 Format: CCYY-MM |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------------------|------------------------|---|-----------------|--|
| NumberOfYears | Optional | How many years the applicant participated | Optional | minOcc 0 maxOcc 1 Format: integer |
| WeeklyHours | Optional | How many hours per week the applicant participated | Optional | minOcc 0 maxOcc 1 Format: integer |
| YearlyWeeks | Optional | How many weeks per year the applicant participated | Optional | minOcc 0 maxOcc 1 Format: integer |
| StudentActivityRecognitions | Optional | Any recognitions earned as the result of participating in this activity | Optional | minOcc 0 maxOcc 1 minLen 0 maxLen 60 |
| StudentActivityScopeCode | Optional | Regional scope of the activity | Optional | minOcc 0 maxOcc 1 Enumerations: International Local National Regional |
| OrganizationName | Optional | Sponsoring organization of the activity | Optional | minOcc 0 maxOcc 1 minLen 0 maxLen 60 |
| LeadershipPosition | Optional | Name or description of the leadership position held by the student | Optional | minOcc 0 maxOcc 1 minLen 0 maxLen 80 |
| LeadershipCharacteristicCode | Optional | The characteristic of the leadership position | Optional | minOcc 0 maxOcc 1 Enumerations: Elected NonElected |
| NoteMessage | Optional Repeatable | Additional information about the activity | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 80 |

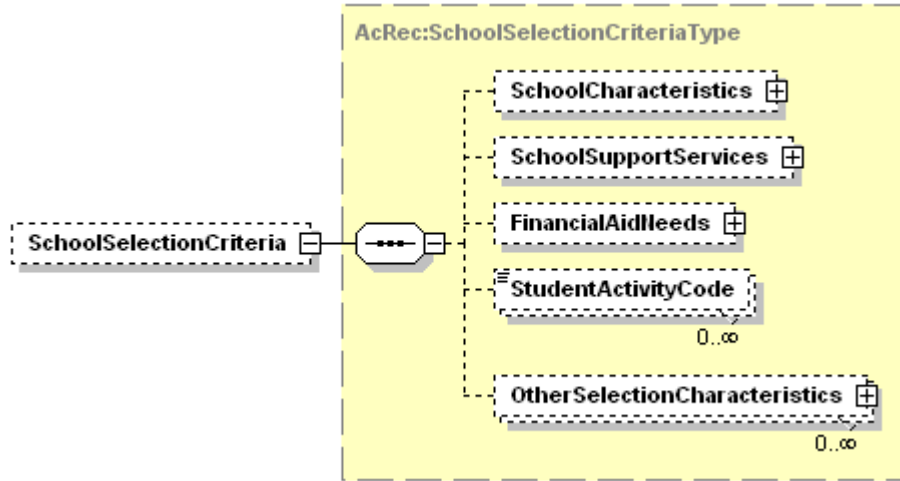
Code Example:

```

<ExtracurricularActivity>
  <StudentActivityCode>FTB</StudentActivityCode>
  <StudentActivityDescription>Football team member</StudentActivityDescription>
  <StudentActivityGradeLevel>Grade10</StudentActivityGradeLevel>
  <YearMonthBegin>2001-09</YearMonthBegin>
  <YearMonthEnd>2002-06</YearMonthEnd>
  <NumberOfYears>1</NumberOfYears>
  <WeeklyHours>10</WeeklyHours>
  <YearlyWeeks>32</YearlyWeeks>
  <StudentActivityRecognitions>Most Often Benched</StudentActivityRecognitions>
  <ActivityScopeCode>Local</ActivityScopeCode>
  <OrganizationName>Tires R Us</OrganizationName>
  <LeadershipPosition>None</LeadershipPosition>
</ExtracurricularActivity>

```

TestStudent.SchoolSelectionCriteria



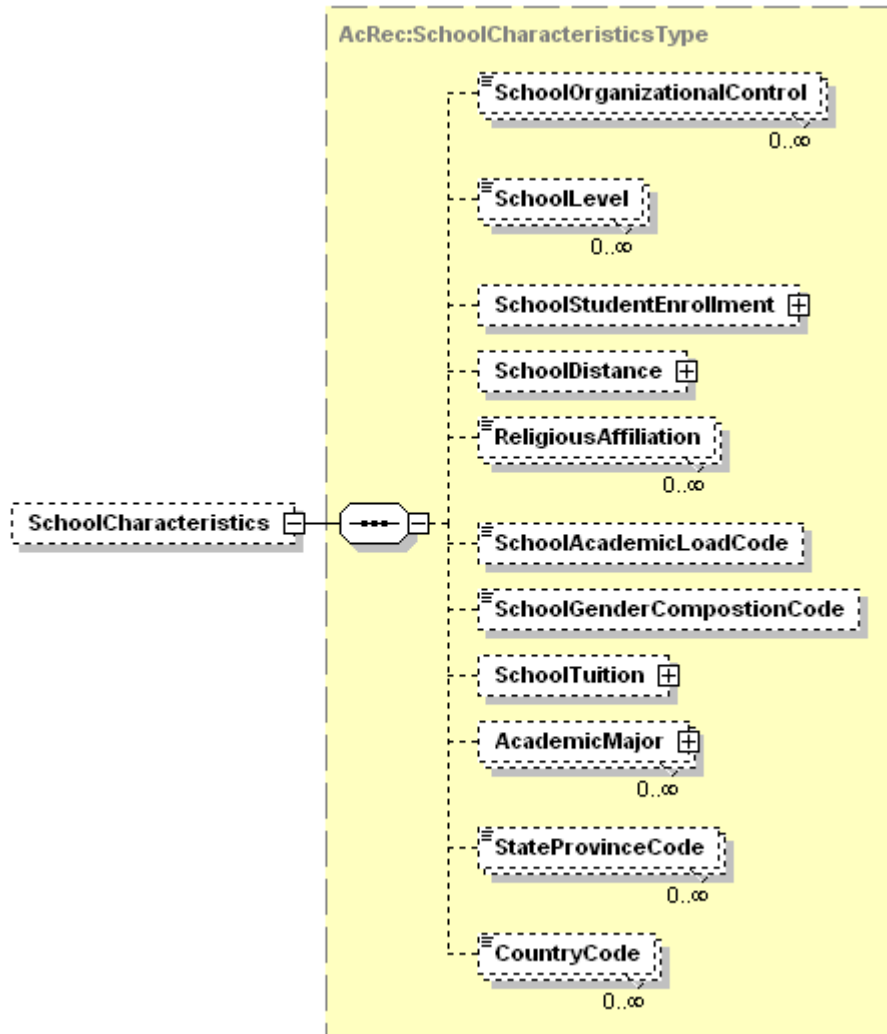
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------------------|------------|--|-----------------|--|
| SchoolCharacteristics | Optional | Identifies the characteristics of the school that the student wants to attend | Optional | minOcc 0 maxOcc 1 |
| SchoolSupportServices | Optional | Identifies the services that the student wants a school to provide. | Optional | minOcc 0 maxOcc 1 |
| FinancialAidNeeds | Optional | Identifies the financial aid needed and the student characteristics that affect financial aid | Optional | minOcc 0 maxOcc 1 |
| StudentActivityCode | Optional | Identifies the needs of the student for extracurricular activities such as sports, music, or drama | Optional | minOcc 0 maxOcc 1 See Appendix H |
| OtherSelectionCharacteristics | Optional | Identifies other information that is not included in the other areas and may not be anticipated | Optional | minOcc 0 maxOcc ∞ |

Code Example:

```

<SchoolSelectionCriteria>
  <SchoolCharacteristics>
    SubElements omitted to save space
  </SchoolCharacteristics>
  <SchoolSupportServices>
    SubElements omitted to save space
  </SchoolSupportServices>
  <FinancialAidNeeds>
    SubElements omitted to save space
  </FinancialAidNeeds>
  <StudentActivityCode>VolleyBall</StudentActivityCode>
</SchoolSelectionCriteria>
    
```

TestStudent.SchoolSelectionCriteria.SchoolCharacteristics



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------------|------------|---|-----------------|---|
| SchoolOrganizationalControl | Optional | Indicates the student's preference for Public or Private schools | Optional | minOcc 0 maxOcc ∞ Enumeration: PrivateNonProfit PrivateForProfit Public |
| SchoolLevel | Optional | Indicates the educational level of the school that the student wishes to attend | Optional | minOcc 0 maxOcc ∞ Enumeration: Elementary Secondary Postsecondary |
| SchoolStudentEnrollment | Optional | Indicates the student's preference for the size of the student enrollment | Optional | minOcc 0 maxOcc 1 |
| SchoolDistance | Optional | Indicates the preferred distance to the school from the student's home | Optional | minOcc 0 maxOcc 1 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------------|------------|---|-----------------|--|
| ReligiousAffiliationCode | Optional | Code Indicating the preferred religious affiliation of the school | Optional | minOcc 0 maxOcc ∞ minLen 2 maxLen 2 See Appendix J |
| SchoolAcademicLoadCode | Optional | Code reflecting if the student plans to attend full time | Optional | minOcc 0 maxOcc 1 Enumeration: FullTime PartTime |
| SchoolGenderCompsitionCode | Optional | Indicates the desired gender make up of the school | Optional | minOcc 0 maxOcc 1 Enumeration: AllFemale AllMale Coeducational NoPreference |
| SchoolTuition | Optional | Indicates the tuition the student can afford | Optional | minOcc 0 maxOcc 1 tsr:NumericRangeType |
| AcademicMajor | Optional | Indicates the academic major area(s) of interest | Optional | minOcc 0 maxOcc ∞ |
| StateProvinceCode | Optional | Preferred state or Canadian Province location of the school | Optional | minOcc 0 maxOcc ∞ Enumeration: Core: StateProvinceCodeType |
| CountryCode | Optional | Preferred country location of the school | | minOcc 0 maxOcc ∞ Enumeration: Core: CountyCodeType |

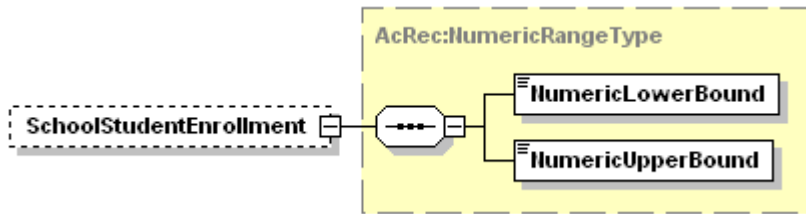
Code Example:

```

<SchoolCharacteristics>
  <SchoolOrganizationalControl>PrivateForProfit</SchoolOrganizationalControl>
  <SchoolLevel>BacheloriateCollege</SchoolLevel>
  <SchoolLevel>Graduate School</SchoolLevel>
  <SchoolStudentEnrollment>
    SubElements omitted to save space
  </SchoolStudentEnrollment>
  <ReligiousAffiliationCode>Lutheran</ReligiousAffiliationCode>
  <SchoolAcademicLoadCode>PartTime</SchoolAcademicLoadCode>
  <SchoolGenderCompositionCode>AllFemale</SchoolGenderCompositionCode>
  <SchoolTuition>
    SubElements omitted to save space
  </SchoolTuition>
  <StateProvinceCode>Nebraska</StateProvinceCode>
  <CountryCode>UnitedStates</CountryCode>
</SchoolCharacteristic>

```

**TestStudent.SchoolSelectionCriteria.SchoolCharacteristics.
SchoolStudentEnrollment**

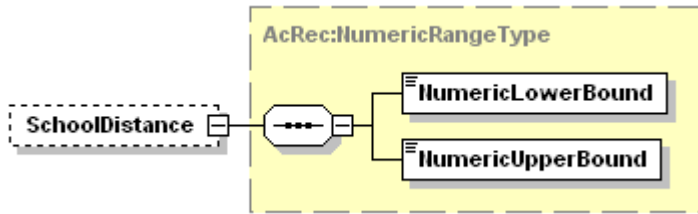


| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|--|
| NumericLowerBound | Required | Indicates the minimum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericLowerBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| NumericUpperBound | Required | Indicates the maximum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericUpperBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| Comment: The attribute defines interpretation of the value of the element. In this case, "inclusive" is true then the number specified in the LowerBound and UpperBound fields will be part of the range. Ex: a LowerBound of 100 would mean "equal to or greater than 100". | | | | |

Code Example:

```
<SchoolStudentEnrollment>
  <NumericLowerBound inclusive='true'>500</NumericLowerBound>
  <NumericUpperBound inclusive='false'>1000</NumericUpperBound>
</SchoolStudentEnrollment>
```


TestStudent.SchoolSelectionCriteria.SchoolCharacteristics.SchoolDistance



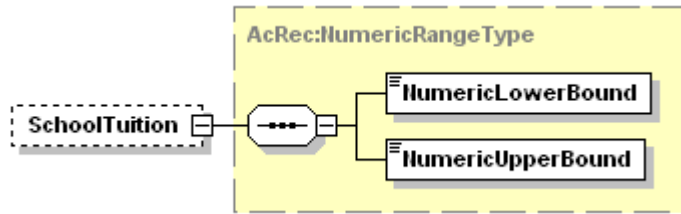
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------------|---|---|-----------------|--|
| NumericLowerBound | Required | Indicates the minimum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericLowerBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| NumericUpperBound | Required | Indicates the maximum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericUpperBound is interpreted as including the value specified for the element. | Required | Type: xs:Boolean |
| | Comment: The attribute defines interpretation of the value of the element. In this case, "inclusive" is true then the number specified in the LowerBound and UpperBound fields will be part of the range. Ex: a LowerBound of 100 would mean "equal to or greater than 100". | | | |

Code Example:

```

<SchoolDistance>
  <NumericLowerBound inclusive='true'>10</NumericLowerBound>
  <NumericUpperBound inclusive='false'>100</NumericUpperBound>
</SchoolDistance>
    
```

TestStudent.SchoolSelectionCriteria.SchoolCharacteristics.SchoolTuition



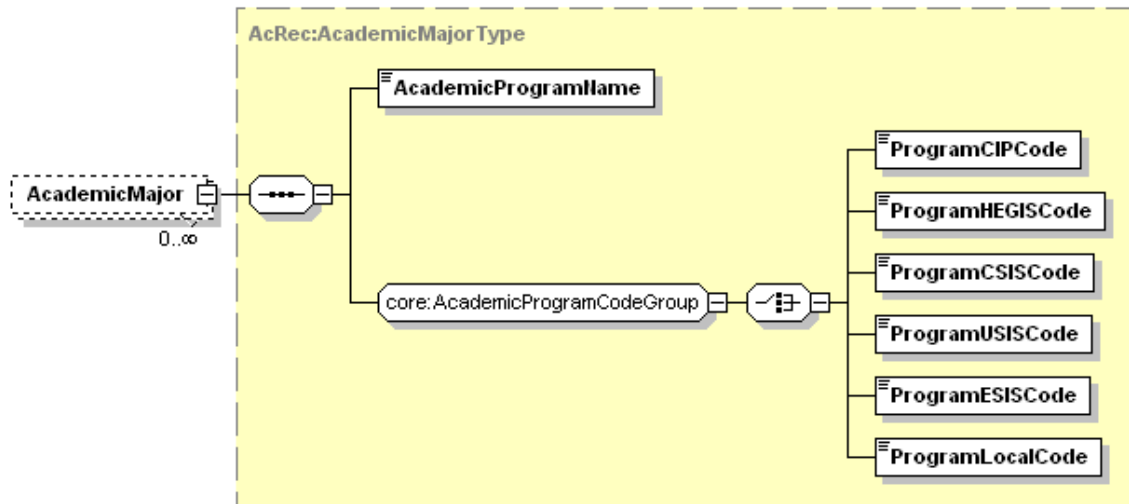
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------------|---|---|-----------------|--|
| NumericLowerBound | Required | Indicates the minimum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericLowerBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| NumericUpperBound | Required | Indicates the maximum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericUpperBound is interpreted as including the value specified for the element. | Required | Type: xs:Boolean |
| | Comment: The attribute defines interpretation of the value of the element. In this case, "inclusive" is true then the number specified in the LowerBound and UpperBound fields will be part of the range. Ex: a LowerBound of 100 would mean "equal to or greater than 100". | | | |

Code Example:

```

<SchoolTuition>
  <NumericLowerBound inclusive='true'>10</NumericLowerBound>
  <NumericUpperBound inclusive='false'>100</NumericUpperBound>
</SchoolTuition>
    
```

TestStudent.SchoolSelectionCriteria.SchoolCharacteristics.AcademicMajor

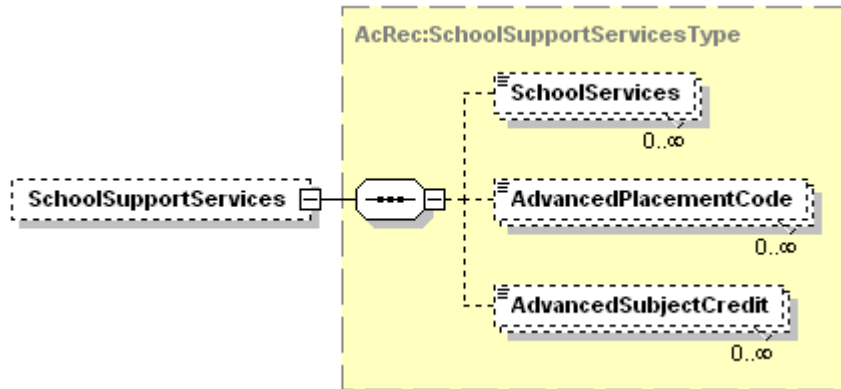


| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------|-----------------|--|-----------------|--|
| AcademicProgramName | Required | Indicates the name of an academic area in which the student is interested | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 60 Type: xs:string |
| ProgramCIPCode | Required Choice | Code indicating a discipline or field of study assigned by the Classification of Instructional Programs | Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 Type: xs:string |
| ProgramHEGISCode | Required Choice | Code indicating a discipline or field of study by Higher Education General Information Survey | Optional | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramCSISCode | Required Choice | Code indicating a discipline or field of study assigned by Statistics Canada Canadian College Student Information System | Optional | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramUSISCode | Required Choice | Code indicating a discipline or field of study assigned by the Statistics Canada University Student Information System | Optional | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramESISCode | Required Choice | Code indicating a discipline or field of study assigned by the Statistics Canada Enhanced Student Information System | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| ProgramLocalCode | Required Choice | Code indicating a specific program (with options, if any) that the student selects from a list of available programs | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |

Code Example:

```
<AcademicMajor>  
  <AcademicProgramName>Biochemistry</AcademicProgramName>  
  <ProgramCIPCode>26.0202</ProgramCIPCode>  
</AcademicMajor>
```

TestStudent.SchoolSelectionCriteria.SchoolSupportServices



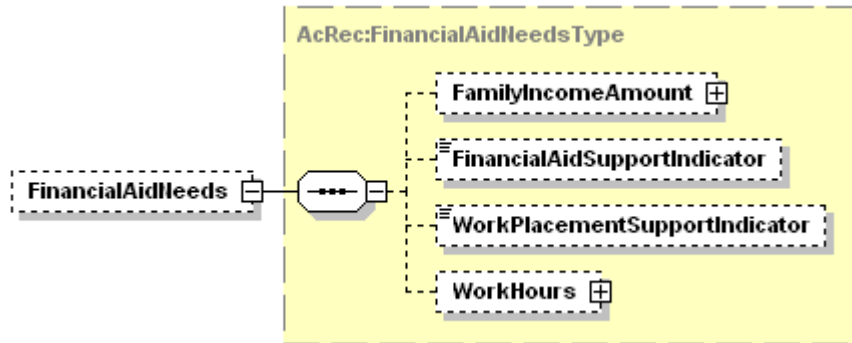
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------|------------|--|-----------------|--|
| SchoolServices | Optional | Indicates the special services needed by the student | Optional | minOcc 0 maxOcc ∞ Enumeration: CareerPlanning ForeignStudy FreshmanHonors Mathematics PsychologicalCounseling Reading StudySkills Writing |
| AdvancedPlacementCode | Optional | Identifies the course areas for which the student would like to obtain advanced placement. | Optional | minOcc 0 maxOcc ∞ Enumeration: See Appendix G |
| AdvancedSubjectCredit | Optional | Identifies the course areas for which the student would like to obtain advanced credit | Optional | minOcc 0 maxOcc ∞ Enumeration: See Appendix G |

Code Example:

```

<SchoolSupportServices>
  <SchoolServices>FreshmanHonors</SchoolServices>
  <AdvancedPlacementCode>CalculusAB</AdvancedPlacementCode>
  <AdvancedPlacementCode>ComputerScienceAB</AdvancedPlacementCode>
  <AdvancedPlacementCode>PhysicsB</AdvancedPlacementCode>
  <AdvancedSubjectCredit>ComputerScienceA</AdvancedSubjectCredit>
</SchoolSupportServices>
    
```

TestStudent.SchoolSelectionCriteria.FinancialAidNeeds



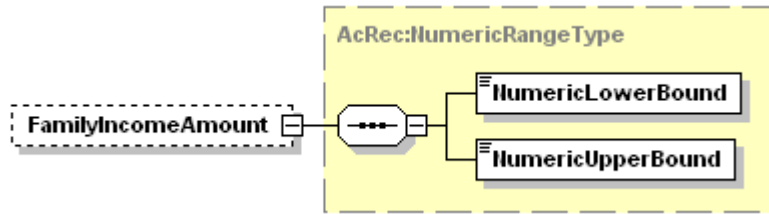
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------------------|------------|---|-----------------|----------------------|
| FamilyIncomeAmount | Optional | Range of the income for aid purposes | Optional | minOcc 0 maxOcc 1 |
| FinancialAidSupportIndicator | Optional | A flag indicating if the student needs financial aid | Optional | minOcc 0 maxOcc 1 |
| WorkPlacementSupportIndicator | Optional | Indicates if the student needs help in finding a part-time job | Optional | minOcc 0 maxOcc 1 |
| WorkHours | Optional | Indicates the range of the number of hours the student would like to work | Optional | minOcc 0 maxOcc 1 |

Code Example:

```

<FinancialAidNeeds>
  <FamilyIncomeAmount>
    SubElements omitted to save space
  </FamilyIncomeAmount>
  <FinancialAidSupportIndicator>1</FinancialAidSupportIndicator>
  <WorkPlacementSupportIndicator>1</WorkPlacementSupportIndicator>
  <WorkHours>
    SubElements omitted to save space
  </WorkHours>
</FinancialAidNeeds>
    
```

TestStudent.SchoolSelectionCriteria.FinancialAidNeeds.FamilyIncomeAmount

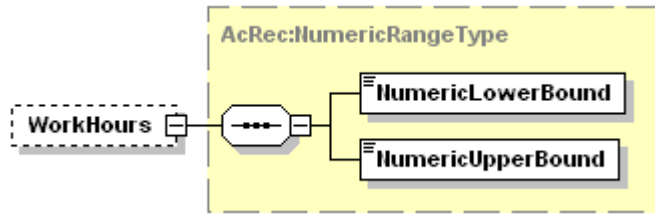


| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------------|---|---|-----------------|--|
| NumericLowerBound | Required | Indicates the minimum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericLowerBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| NumericUpperBound | Required | Indicates the maximum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericUpperBound is interpreted as including the value specified for the element. | Required | Type: xs:Boolean |
| | Comment: The attribute defines interpretation of the value of the element. In this case, "inclusive" is true then the number specified in the LowerBound and UpperBound fields will be part of the range. Ex: a LowerBound of 100 would mean "equal to or greater than 100". | | | |

Code Example:

```
<FamilyIncomeAmount>
  <NumericLowerBound inclusive='true'>10000</NumericLowerBound>
  <NumericUpperBound inclusive='false'>20000</NumericUpperBound>
</FamilyIncomeAmount>
```

TestStudent.SchoolSelectionCriteria.FinancialAidNeeds.WorkHours

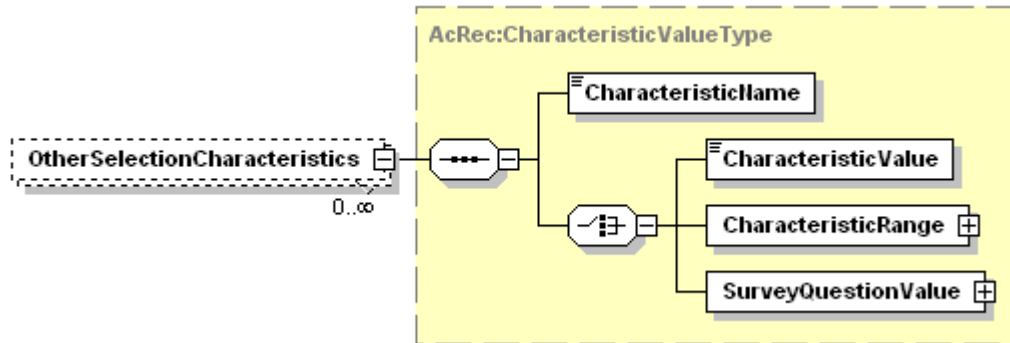


| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------------|---|---|-----------------|--|
| NumericLowerBound | Required | Indicates the minimum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericLowerBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| NumericUpperBound | Required | Indicates the maximum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericUpperBound is interpreted as including the value specified for the element. | Required | Type: xs:Boolean |
| | Comment: The attribute defines interpretation of the value of the element. In this case, "inclusive" is true then the number specified in the LowerBound and UpperBound fields will be part of the range. Ex: a LowerBound of 100 would mean "equal to or greater than 100". | | | |

Code Example:

```
<WorkHours>
  <NumericLowerBound inclusive='true'>11</NumericLowerBound>
  <NumericUpperBound inclusive='true'>25</NumericUpperBound>
</WorkHours>
```


TestStudent.SchoolSelectionCriteria.OtherSelectionCharacteristics

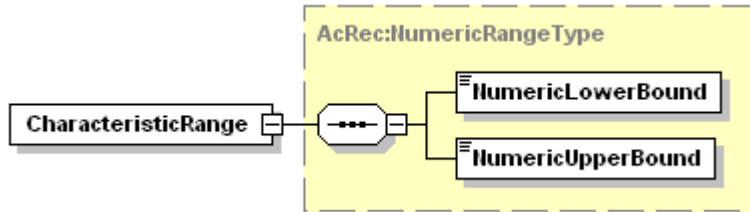


| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|-----------------|--|-----------------|--|
| CharacteristicName | Required | Name of the selection characteristic | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 40 Type: xs:unsignedLong |
| Comment: The value of the Characteristic may be expressed as a string value and numeric range or a multiple choice question and answer. | | | | |
| CharacteristicValue | Required Choice | Value of the selection factor if it is a single value or text | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 80 Type: xs:string |
| CharacteristicRange | Required Choice | Value of the characteristic expressed as a range of values | Required Choice | minOcc 1 maxOcc 1 Type: Decimal |
| SurveyQuestionValue | Required Choice | Value of the Characteristic expressed as a multiple choice question and answer | Required Choice | minOcc 1 maxOcc 1 |

Code Example:

```
<OtherSelectionCharacteristics>
  <CharacteristicName>Weight</CharacteristicName>
  <CharacteristicValue>55</CharacteristicValue>
</OtherSelectionCharacteristics>
```

TestStudent.SchoolSelectionCriteria.OtherSelectionCharacteristics.CharacteristicRange

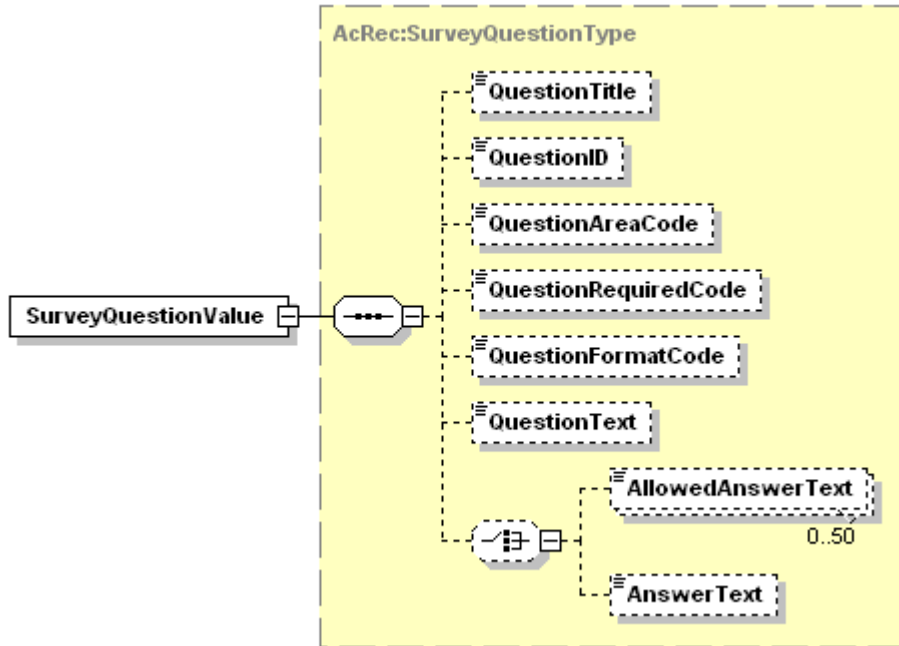


| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------------|---|---|-----------------|--|
| NumericLowerBound | Required | Indicates the minimum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericLowerBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| NumericUpperBound | Required | Indicates the maximum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericUpperBound is interpreted as including the value specified for the element. | Required | Type: xs:Boolean |
| | Comment: The attribute defines interpretation of the value of the element. In this case, "inclusive" is true then the number specified in the LowerBound and UpperBound fields will be part of the range. Ex: a LowerBound of 100 would mean "equal to or greater than 100". | | | |

Code Example:

```
<CharacteristicRange>
  <NumericLowerBound inclusive='true'>10</NumericLowerBound>
  <NumericUpperBound inclusive='true'>30</NumericUpperBound>
</CharacteristicRange>
```

TestStudent.SchoolSelectionCriteria.OtherSelectionCharacteristics.SurveyQuestionValue



| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------|------------|--|-----------------|---|
| QuestionTitle | Optional | Title of the question | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| QuestionID | Optional | Survey question number or other identifier | Optional | minOcc 0 maxOcc 1 maxLen 15 |
| QuestionAreaCode | Optional | General subject matter of the question | Recommended | minOcc 0 maxOcc 1 Enumeration: AcademicRecord Admissions Biographical Education Employment Essay ExtraCurricularActivities Family FinancialAid General Health HonorsAwards Housing Immigration Other Personal References Residency Scholarship Tests |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|--------------------|--|--------------------|--|
| QuestionRequiredCode | Optional | Indicates if Student must answer the question | Optional | minOcc 0 maxOcc 1 Enumeration: Required Optional |
| QuestionFormatCode | Optional | Indicates the presentation format of the question and answers | Optional | minOcc 0 maxOcc 1 Enumeration: RadioButton Checkbox DropDownMenu OneLineText TextArea NoInput |
| QuestionText | Optional | Text of the question | Recommended | minOcc 0 maxOcc 1 Type: String |
| AllowedAnswerText | Optional Choice | Repeated answers along with the answer selected by the student | Optional Choice | minOcc 0 maxOcc 50 |
| AnswerText | Required Choice | Text of the answer if it is not presented as an alternative in Allowed Answers | Required Choice | minOcc 1 maxOcc 1 minLen 1 maxLen ∞ |

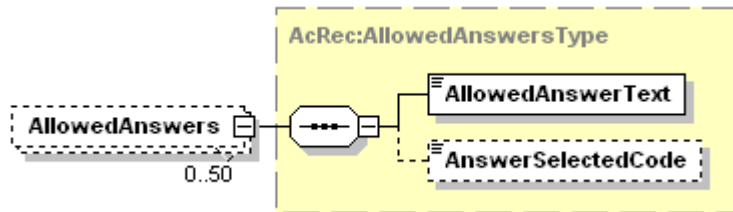
Code Example:

```

<SurveyQuestionValue>
  <QuestionAreaCode>Biographical</QuestionAreaCode>
  <QuestionText>What was your best sport?</QuestionText>
  <AnswerText>Basketball</AnswerText>
</SurveyQuestionValue>

```

TestStudent.SchoolSelectionCriteria.OtherSelectionCharacteristics.SurveyQuestion.AllowedAnswers



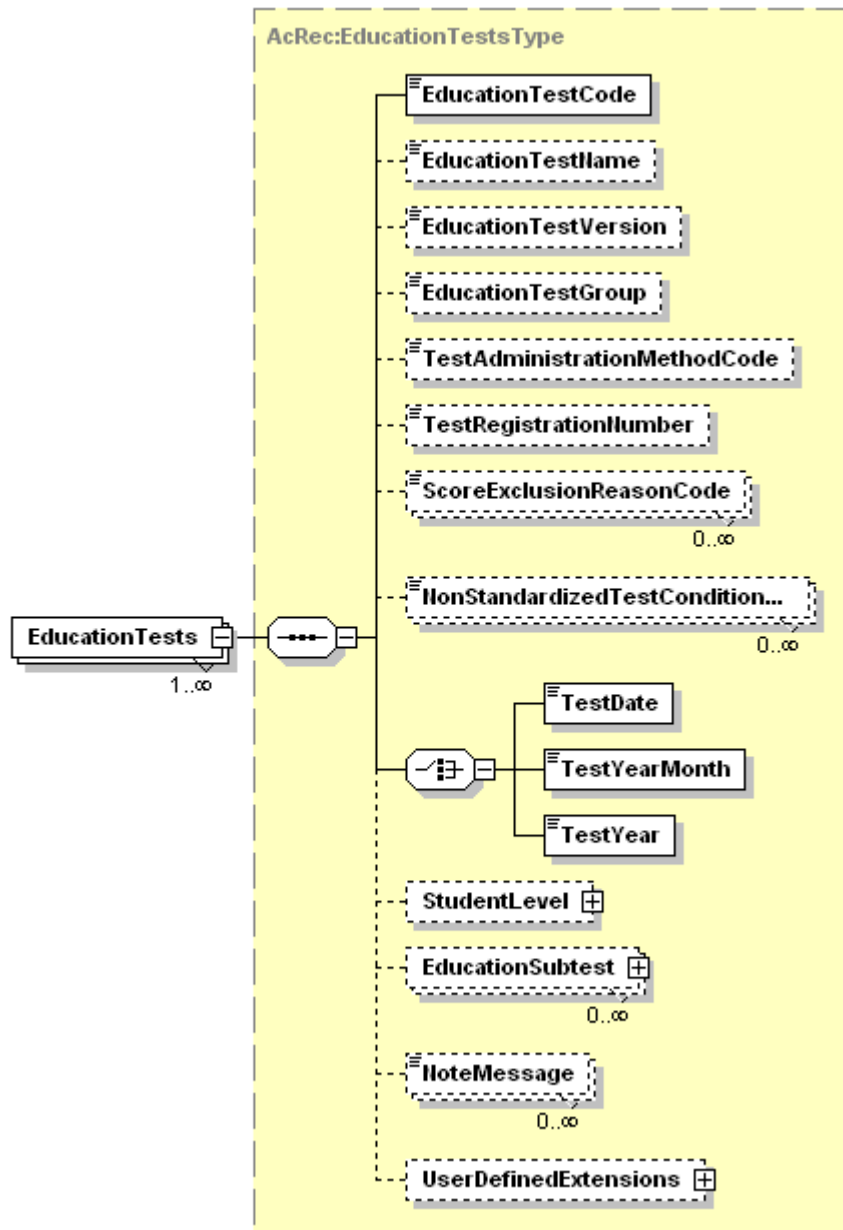
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------|------------|---|-----------------|--|
| AllowedAnswerText | Required | One of the allowed answers to the question. If AllowedAnswers is present then the text is required. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen ∞ |
| AnswerSelectCode | Optional | The item was selected or not selected | Recommended | minOcc 0 maxOcc 1 Enumeration: Selected NotSelected |

Code Example:

```

<AllowedAnswers>
  <AllowedAnswerText>Baseball</AllowedAnswerText>
</AllowedAnswers>
<AllowedAnswers>
  <AllowedAnswerText>Football</AllowedAnswerText>
  <AnswerSelectCode>Selected</AnswerSelectCode>
</AllowedAnswers>
    
```

TestStudent.EducationTests



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------|------------|---|-----------------|---|
| EducationTestCode | Required | Refer to Appendix F for the list of acceptable codes used to identify the test. | Required | minOcc 1 maxOcc 1 See Appendix F |
| EducationTestName | Optional | Common name for the test | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 80 See Appendix F |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|---|---------------------------------|---|
| EducationTestVersion | Optional | A version label supplied by the test publisher. This changes when the structure of the test has changed (e.g, new subtest) | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 40 |
| EducationTestGroup | Optional | Provides additional grouping information for agencies that need to further identify a particular test. The group will be agency specific. | Optional | minOcc 0 maxOcc 1 length 80 |
| TestAdministrationMethodCode | Optional | Provides information about alternate delivery forms of a test. | Recommended | minOcc 0 maxOcc 1 Enumeration: ComputerTest PaperAndPencil |
| TestRegistrationNumber | Optional | Provides an identifier for a specific student participating in a specific test administration session | Optional | minOcc 0 maxOcc 1 |
| ScoreExclusionReasonCode | Optional Repeatable | Describes the reasons why no scores are present for this test | Recommended when score excluded | minOcc 0 maxOcc ∞ Enumeration: Absent AdministrativeCancellation AdministrativeDiscretion ExamineeCancellation ExtraordinaryCircumstances MedicalExcuse NoExemption OnHold ParentExemption Pending SecurityCancellation Waiver WithheldbyExaminee |
| NonStandardizedTest-Conditions | Optional Repeatable | Describes the deviations from normal standardization for this student. Multiple deviations may be reported | Optional | minOcc 0 maxOcc ∞ Enumeration: See Appendix E |
| Comment: For each nonstandardized condition include the reason. | | | | |
| TestDate | Required Choice | Test administration date. | Required (use one) | minOcc 1 maxOcc 1 Format: CCYY-MM-DD |
| Comment: Use this choice if the exact date of the test is known. | | | | |
| TestYearMonth | Required Choice | Test administration date | Required (use one) | minOcc 1 maxOcc 1 Format: CCYY-MM |
| Comment: Use this choice if only the year and the month of the test are known. | | | | |
| TestYear | Required Choice | Test administration date | Required (use one) | minOcc 1 maxOcc 1 Format: CCYY |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|---|
| Comment: Use this choice if only the year of the test is known. | | | | |
| StudentLevel | Optional | Classification of the student at the time the student took the test | Recommended | minOcc 0 maxOcc 1 Enumeration: See Appendix C |
| EducationSubtest | Optional Repeatable | Subdivision of a standardized test (including the score) | | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the test | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| UserDefinedExtensions | Optional | Additional structured information. Requires mutually defined XML schema. | Not Recommended | minOcc 0 maxOcc 1 |

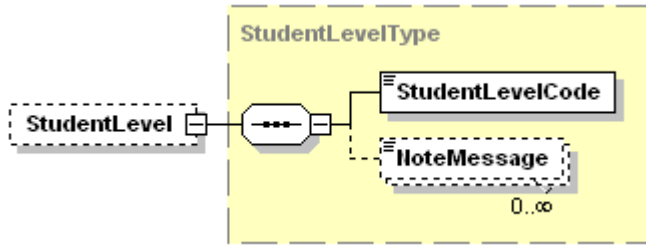
Code Example:

```

<EducationTests>
  <EducationTestCode>InternationalBaccalaureate</EducationTestCode>
  <TestVersion>2003</TestVersion>
  <TestAdministrationMethodCode>PencilAndPaper</TestAdministrationMethodCode>
    <TestYearMonth>2006-04</TestYearMonth>
  <StudentLevel>SeventhGrade</StudentLevel>
</EducationTests>

```


TestStudent.EducationTests.StudentLevel

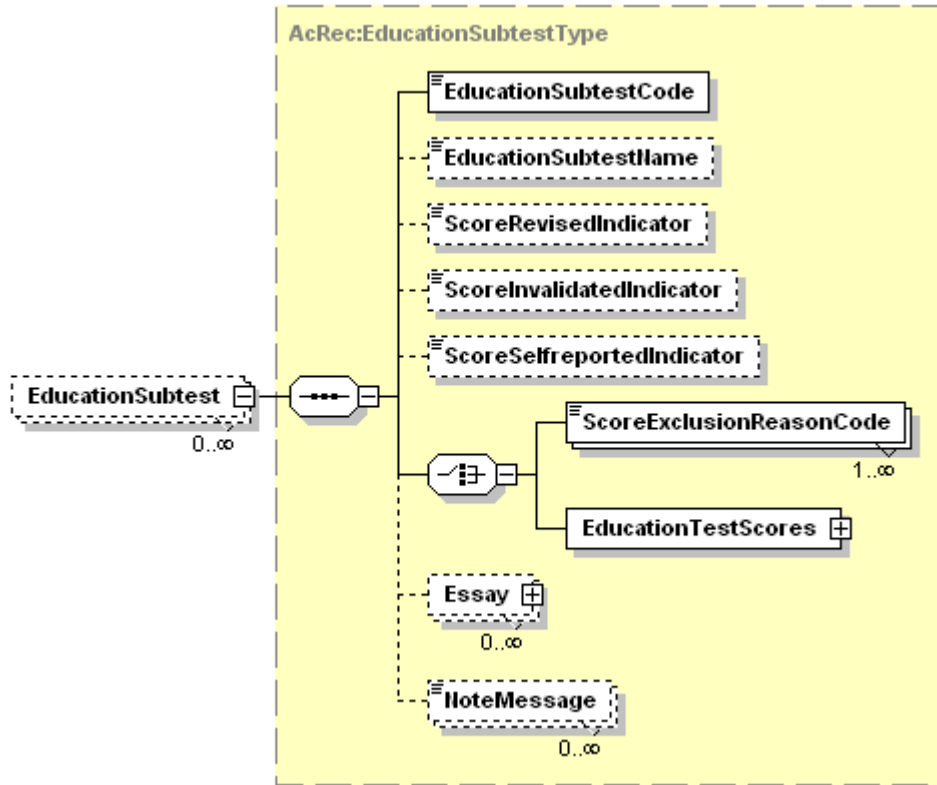


| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|---|-----------------|---|
| <i>Comment: Although the complex data element StudentLevel is an optional data element, if you choose to send the StudentLevel for the test, then you must send the StudentLevelCode.</i> | | | | |
| StudentLevelCode | Required | Classification of the student at the time the student took the test. Indicate the highest level attained. | Required | minOcc 1 maxOcc 1 Enumeration: See Appendix C |
| NoteMessage | Optional Repeatable | Additional information about the student level | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<StudentLevel>
  <StudentLevelCode>NinthGrade</StudentLevelCode>
</StudentLevel>
```

TestStudent.EducationTests.EducationSubtest



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|--|
| EducationSubtestCode | Required | Code identifying the sub-part of a standardized test (e.g. Quantitative, Verbal) | Optional | minOcc 1 maxOcc 1 See Appendix G |
| EducationSubtestName | Optional | Official name of the test as specified by the test publisher or administrator | Optional | minOcc 0 maxOcc 1 See Appendix G |
| Comment: In the case where a subtest has two or more different norm populations, the subtest element will be repeated multiple times with the same subtest name but different NormPopulation values. | | | | |
| ScoreRevisedIndicator | Optional | Indicates if the score report has been revised. If true, score may differ from score previously reported for this test and test date. | Optional | minOcc 0 maxOcc 1 true/false |
| Comment: If this is a revision of a previous score report, then include the data element with a value of "true". If it is not a revised score report, do not include this data element. | | | | |
| ScoreInvalidatedIndicator | Optional | Indicates if the score has been invalidated. If true, score previously reported for this test and test date is not valid. | Optional | minOcc 0 maxOcc 1 true/false |
| Comment: If this score report is reporting that the test score has been invalidated, then include the data element with a value of "true". If not, then do not include this data element. | | | | |
| ScoreSelfreportedIndicator | Optional | Indicates if the score has been self-reported by the student. | Optional | minOcc 0 maxOcc 1 true/false |

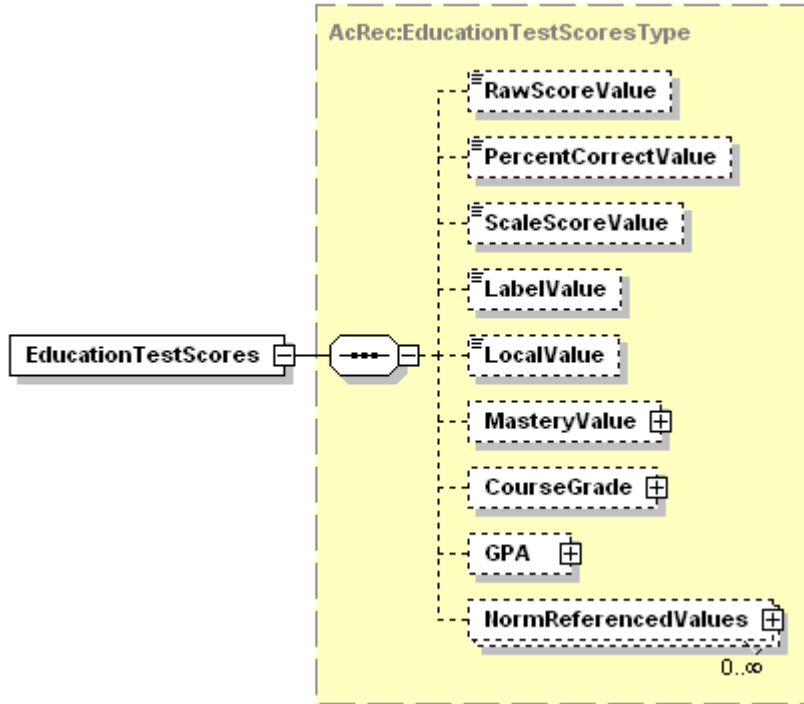
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|---|
| Comment: <i>If this is a score report that was self reported by the student, then include the data element with a value of "true". If not, then do not include this data element.</i> | | | | |
| ScoreExclusionReasonCode | Choice Repeatable | If the score for this subtest is not available, this element is repeated to include all reasons. | Optional | minOcc 0 maxOcc ∞ Enumeration: Absent AdministrativeCancellation AdministrativeDiscretion ExamineeCancellation ExtraordinaryCircumstances MedicalExcuse NoExemption OnHold ParentExemption Pending SecurityCancellation Waiver WithheldbyExaminee |
| EducationTestScores | Choice Once | The score received on the test. This complex type allows scores of each type or transformation to be presented. | Recommended | minOcc 1 maxOcc 1 |
| Essay | Optional | Includes the essay text for computer entered essays, or a link to the essay text or image | Optional | minOcc 0 maxOcc ∞ minLen 0 maxLen 2000 |
| Comment: <i>Only needed if the essay is transmitted.</i> | | | | |
| NoteMessage | Optional Repeatable | Additional information about the subtest | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<EducationSubtest>
  <EducationSubtestCode>AlgebraGeometryCoordinate</EducationSubtestCode>
  <EducationSubtestName>Algebra/Coordinate Geometry</EducationSubtestName>
  <EducationTestScores>
    SubElements omitted to save space
  </EducationTestScores>
</EducationSubtest>
<EducationSubtest>
  <SubtestCode>Chemistry</SubtestCode>
  <ScoreExclusionReasonCode>WithheldbyExaminee</ScoreExclusionReasonCode>
</EducationSubtest> <!-- repeat as needed -->
    
```

TestStudent.EducationTests.EducationSubtest.EducationTestScores



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|--|
| <p>Comment: If the EducationTestScore Element is selected then at least one of the following should be selected. If the score is presented in different formats, one record can be used to define them all.</p> | | | | |
| RawScoreValue | Optional | Value expressed as a raw score. This is usually some form of the number of correct answers | Optional | minOcc 0 maxOcc 1 Type: xs:integer |
| PercentCorrectValue | Optional | Score is expressed in terms of the percent of the total correct | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:decimal |
| ScaleScoreValue | Optional | Value which is a transformation of the raw score to common scale that can be used for comparison to other forms of the test | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:integer |
| LabelValue | Optional | Label describing a score value (e.g., Excellent). The labels may or may not be ordinal | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 80 Type: xs:string |
| LocalValue | Optional | Value that is not covered by other elements. This element allows both text and numbers. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 80 Type: xs:string |

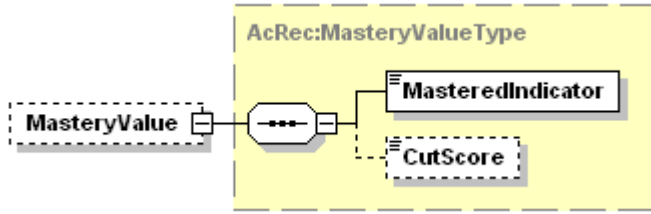
| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|------------|--|-----------------|--|
| MasteryValue | Optional | Identifies if the score is sufficient to indicate mastery of the material and the score needed to indicate mastery | Optional | minOcc 0 maxOcc 1 |
| CourseGrade | Optional | Score expressed as equivalent to a course grade. | Optional | minOcc 0 maxOcc 1 Type: xs:string |
| GPA | Optional | Score expressed as a GPA | Optional | minOcc 0 maxOcc 1 Type: xs:integer |
| NormReferencedValues | Optional | Test score values that are calculated based upon a specific norm population | Optional | minOcc 0 maxOcc ∞ |

Code Example:

```

<EducationTestScores>
  <ScaleScoreValue>32</ScaleScoreValue>
  <NormReferencedValues>
    Subelements not shown
  </NormReferencedValues>
</EducationTestScores>
    
```

TestStudent.EducationTests.EducationSubtest.EducationTestScores.MasteryValue

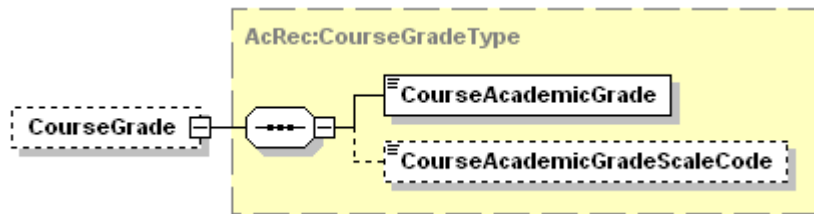


| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------|------------|--|-----------------|---|
| MasteredIndicator | Required | Signifies that the student has mastered (true) or not mastered (false) the tested domain | Required | minOcc 1 maxOcc 1 Type: xs:Boolean |
| CutScore | Optional | Presents the score that needed to be equalled or exceeded to master the domain | Optional | minOcc 0 maxOcc 1 Type: xs:decimal |

Code Example:

```
<MasteryValue>
  <MasteredIndicator>true</MasteredIndicator>
  <CutScore>22</CutScore>
</MasteryValue>
```

TestStudent.EducationTests.EducationSubtest.EducationTestScores.CourseGrade



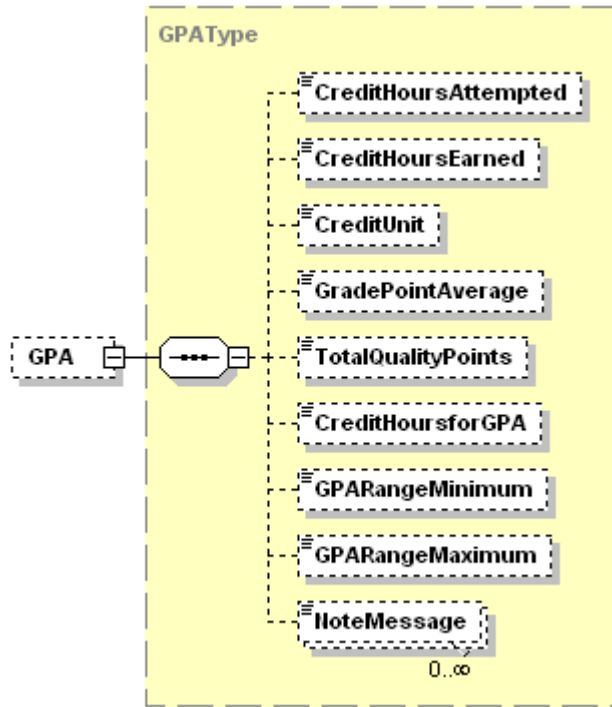
| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------------------|------------|--|-----------------|--|
| CourseAcademicGrade | Required | Signifies that the student has mastered (true) or not mastered (false) the tested domain | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 10 Type: xs:Boolean |
| CourseAcademicGradeScaleCode | Optional | Presents the score that needed to be equalled or exceeded to master the domain | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 Type: xs:decimal |

Code Example:

```

<CourseGrade>
  <CourseAcademicGrade>2</CourseAcademicGrade>
</CourseGrade>
    
```

TestStudent.EducationTests.EducationSubtest.EducationTestScores.GPA



| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|------------|--|-----------------|---|
| CreditHoursAttempted | Optional | Total value of credit hours attempted whether or not included in the hours for GPA or hours earned | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditHoursEarned | Optional | Total value of credit hours successfully completed or earned | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditUnit | Optional | Type of credit (unit, semester, or quarter) associated with the credit hours earned for the course | Not Recommended | minOcc 0 maxOcc 1 Enumeration: NoCredit Quarter Semester Units ClockHours CarnegieUnits ContinuingEducationUnits Unreported Other |
| GradePointAverage | Optional | Value of the total quality points divided by the Credit Hours for Grade Point Average | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| TotalQualityPoints | Optional | Total value of quality points used for the calculation of the Grade Point Average | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |

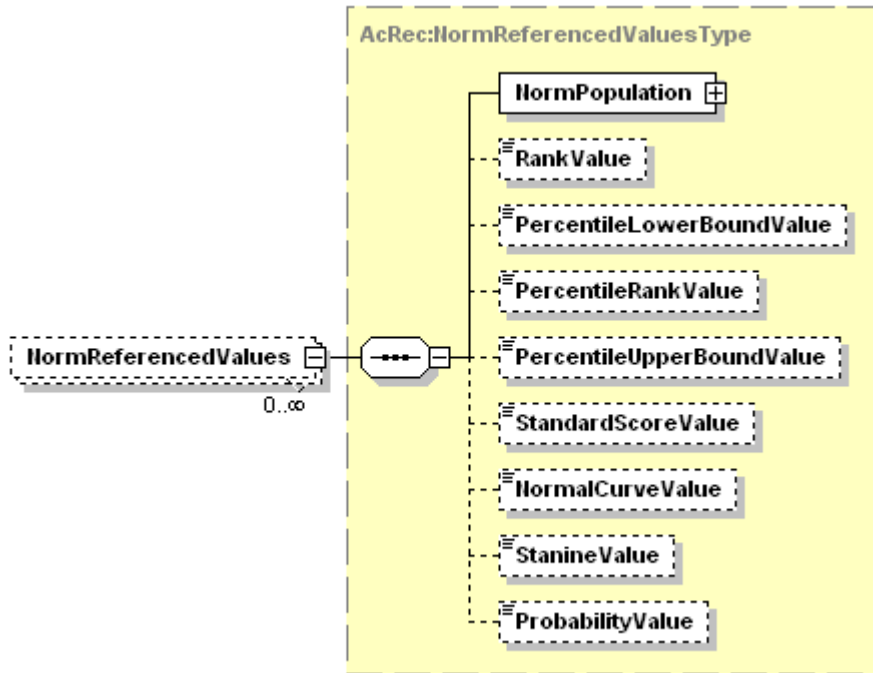
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|---|
| CreditHoursforGPA | Optional | Total value of credit hours used to calculate the Grade Point Average | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: If a student earned grades of A (worth 4 grade points per unit) in 3 Carnegie Units in this program for this diploma; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma and this program would be "7". | | | | |
| GPARangeMinimum | Optional | Minimum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: If the lowest possible grade is an F and a grade of F is valued at 0 grade points, then this value would be "0", or "0.0" or "0.00". | | | | |
| GPARangeMaximum | Optional | Maximum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: If the highest possible grade is an A and a grade of A is valued at 4 grade points, then this value would be "4" or "4.0" or "4.00", etc. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: A student's GPA for a specific program within the Award or Diploma would not normally be included in a test score report so this entire section of the schema would not normally be included. | | | | |

Code Example:

```

<GPA>
  <GradePointAverage>2.75</GradePointAverage>
  <GPARangeMinimum>0</GPARangeMinimum>
  <GPARangeMaximum>4</GPARangeMaximum>
</GPA>
    
```

TestStudent.EducationTests.EducationSubtest.NormReferencedValues



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|--|-----------------|--|
| NormPopulation | Required | The attributes of the population used in the norm referenced score | Required | minOcc 0 maxOcc 1 |
| Comment: The following values are based upon a NormPopulation if specified. | | | | |
| RankValue | Optional | Score expressed as a rank and the size of the population | Optional | minOcc 0 maxOcc 1 minInclusive 1 |
| PercentileLowerBoundValue | Optional | Percent of examinees scoring below the current score | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:unsignedInt |
| PercentileRankValue | Optional | Number of examinees below the current score plus half the examinees at the same score divided by the number of examinees | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:unsignedInt |
| PercentileUpperBoundValue | Optional | Percent of examinees scoring at or below the current score (also called cumulative percent) | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:unsignedInt |

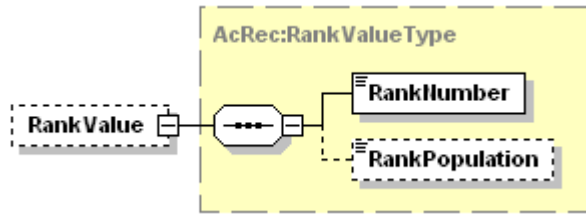
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------------|------------|---|-----------------|--|
| StandardScoreValue | Optional | Score expressed as a scaled derivative of a standard (z) score. | Optional | minOcc 0 maxOcc 1 minInclusive -10.0 maxInclusive +10.0 Type: xs:decimal |
| NormalCurveValue | Optional | Score expressed as a percent of cases below this score assuming a normal distribution | Optional | minOcc 0 maxOcc 1 Type: xs:decimal |
| StanineValue | Optional | Value indicating the stanine (1-9) in which the score falls | Optional | minOcc 1 maxOcc 1 Type: xs:integer |
| ProbabilityValue | Optional | Score expressed as a probability | Optional | minOcc 1 maxOcc 1 minInclusive 0.0 maxInclusive 1.0 Type: xs:decimal |

Code Example:

```

<NormReferencedValues>
  <NormPopulation>
    Subelements omitted
  </NormPopulation>
  <PercentileRankValue>77</PercentileRankValue>
</NormReferencedValues>
    
```

TestStudent.EducationTests.EducationSubtest.EducationTestScores.RankValue



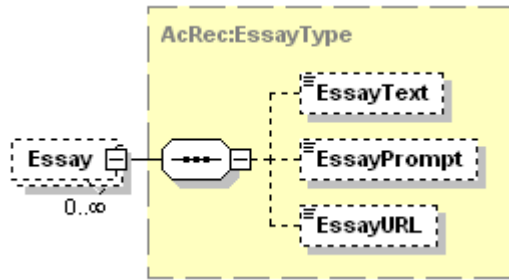
| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------|------------|--|-----------------|---|
| RankNumber | Required | Rank of the student. This may be a decimal number if multiple individuals have the same score. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| RankPopulation | Optional | Number of students in the ranked population | Optional | minOcc 0 maxOcc 1 Type: xs:NonNegativeInteger |

Code Example:

```

<RankValue>
  <RankNumber>1.5</RankNumber>
  <RankPopulation>3516</RankPopulation>
</RankValue>
    
```

TestStudent.EducationTests.EducationSubtest.EducationTestScores.Essay



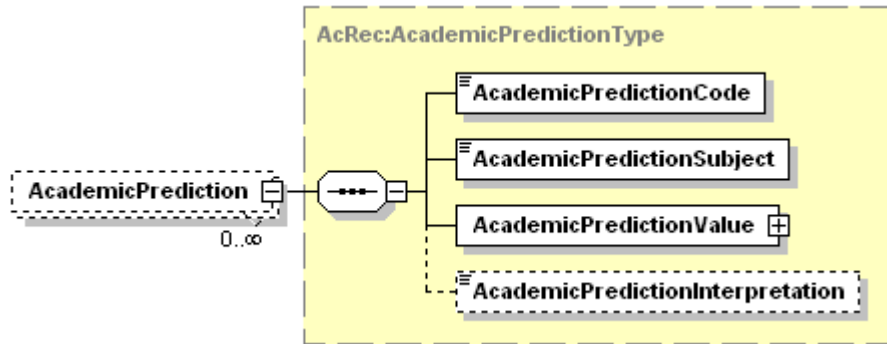
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|--|-----------------|---|
| EssayText | Optional | Actual text of the essay that is being scored (Used normally with computer based tests.) | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 2000 |
| EssayPrompt | Optional | Image of the essay (Format and encoding TBD) | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 300 |
| EssayURL | Optional | URL that will provide access to the essay on a secured site | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 512 |
| Comment: If the essay element is included then one of the above elements must be used to include the content of the essay. | | | | |

Code Example:

```

<Essay>
  <EssayText>This is my essay.</EssayText>
</Essay>
    
```

TestStudent.AcademicPrediction



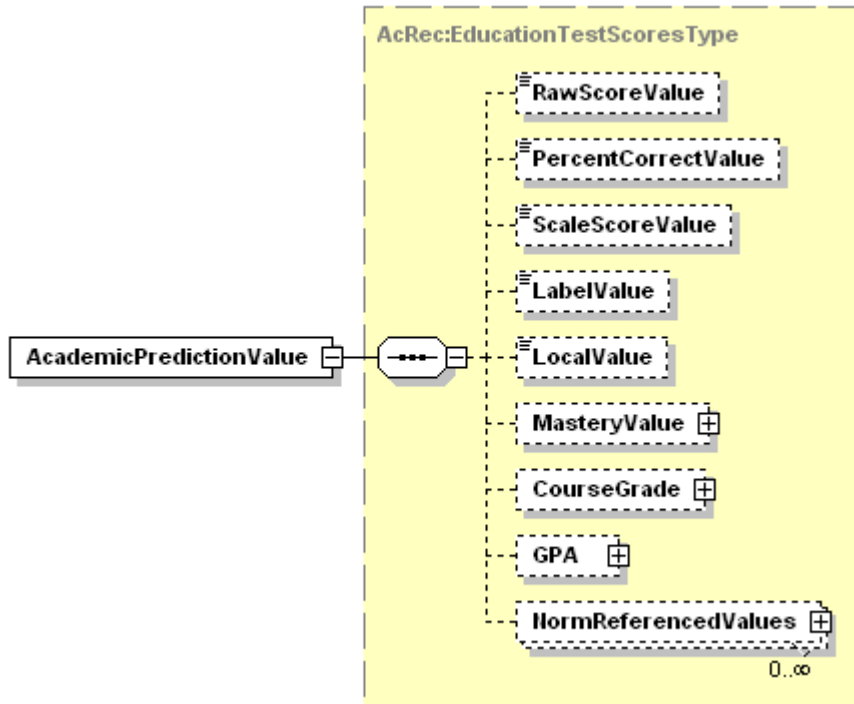
| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------------------|------------|--|-----------------|--|
| AcademicPredictionCode | Required | The measurement area that is to be measured | Required | minOcc 1 maxOcc 1 Enumeration: AllCourses Examination GenericCourse Major SpecificCourse |
| AcademicPredictionSubject | Required | Indicates the subject area that is to be predicted or it indicates that the entire course of study is to be predicated | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 40 |
| AcademicPredictionValue | Required | The values for each prediction. A predication may have multiple measures such as GPA and C or better. | Required | minOcc 1 maxOcc 1 |
| AcademicPredictionInterpretation | Optional | A prose description of the meaning of the prediction values | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 200 |

Code Example:

```

<AcademicPrediction>
  <AcademicPredictionCode>Major</AcademicPredictionCode>
  <AcademicPredictionSubject>English</AcademicPredictionSubject>
  <AcademicPredictionValue>
    <StanineValue>8</StanineValue>
  </AcademicPredictionValue>
  <AcademicPredictionInterpretation>A prose description of the meaning of the prediction
  values</AcademicPredictionInterpretation>
</AcademicPrediction>
    
```

TestStudent.AcademicPrediction.AcademicPredictionValue



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------|-----------------|---|-----------------|--|
| RawScoreValue | Optional Choice | The value expressed as a raw score. This is usually some form of the number of correct answers. | Optional | minOcc 0 maxOcc 1 Type: xs:integer |
| PercentCorrectValue | Optional Choice | The score is expressed in terms of the percent of the total correct. | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100.0 Type: xs:decimal |
| ScaleScoreValue | Optional Choice | A value which is a transformation of the raw score to common scale that can be used for comparison to other forms of the test | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:integer |
| LabelValue | Optional Choice | A label describing a score value (e.g., Excellent). The labels may or may not be ordinal. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 80 Type: xs:string |
| LocalValue | Optional Choice | A value that is not covered by other elements. This element allows both text and numbers. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 80 Type: xs:string |
| MasteryValue | Optional Choice | Identifies if the score is sufficient to indicate mastery of the material | Optional | minOcc 0 maxOcc 1 True False |

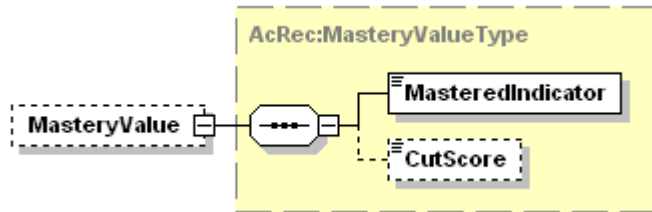
| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|--------------------|---|-----------------|--|
| CourseGrade | Optional Choice | Score expressed as equivalent to a course grade. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 1 Type: xs:string |
| GPA | Optional Choice | Score expressed as a GPA | Optional | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9 Type: xs:integer |
| NormReferencedValues | Optional Choice | Test score values that are calculated based upon a specific norm population | Optional | minOcc 0 maxOcc ∞ |

Code Example:

```

<AcademicPredictionValue>
  <GPA>3.75</GPA>
</AcademicPredictionValue>
    
```


TestStudent.AcademicPrediction.AcademicPredictionValue.MasteryValue



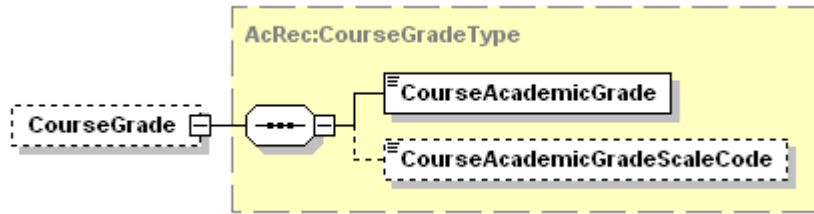
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------|------------|--|-----------------|---|
| MasteredIndicator | Required | Signifies that the student has mastered (true) or not mastered (false) the tested domain | Required | minOcc 1 maxOcc 1 Type: xs:Boolean |
| CutScore | Optional | Presents the score that needed to be equalled or exceeded to master the domain | Optional | minOcc 0 maxOcc 1 Type: xs:decimal |

Code Example:

```

<MasteryValue>
  <MasteredIndicator>true</MasteredIndicator>
  <CutScore>22</CutScore>
</MasteryValue>
    
```

TestStudent.AcademicPrediction.AcademicPredictionValue.CourseGrade



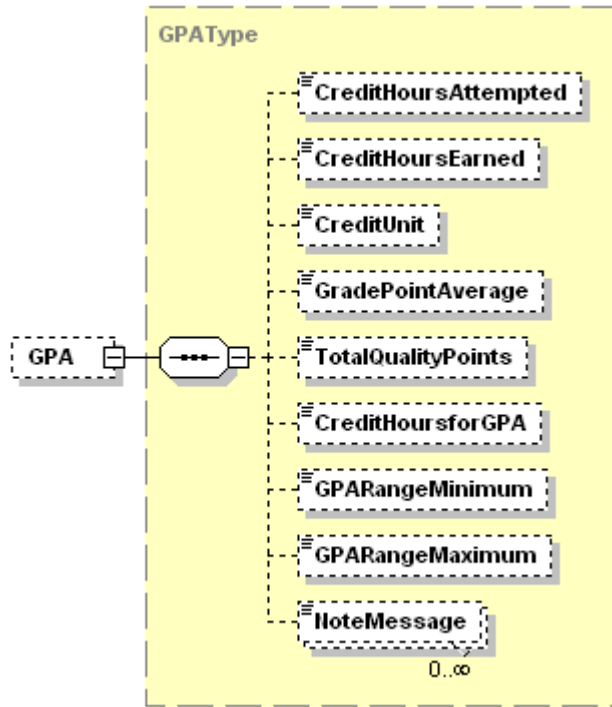
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|--|-----------------|---|
| CourseAcademicGrade | Required | Self-reported average grade for the subject area | Recommended | minOcc 1 maxOcc 1 minLen 1 maxLen 10 See Appendix D |
| Comment: CourseAcademicGrade is required only if CourseGrade Element is present. | | | | |
| CourseAcademicGrade ScaleCode | Optional | Grade Scale specified in Appendix D | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 See Appendix D |

Code Example:

```

<CourseGrade>
  <CourseAcademicGrade>C+</CourseAcademicGrade >
  < CourseAcademicGrade ScaleCode >01</CourseAcademicGrade ScaleCode >
</CourseGrade>
    
```

TestStudent.AcademicPrediction.AcademicPredictionValue.GPA



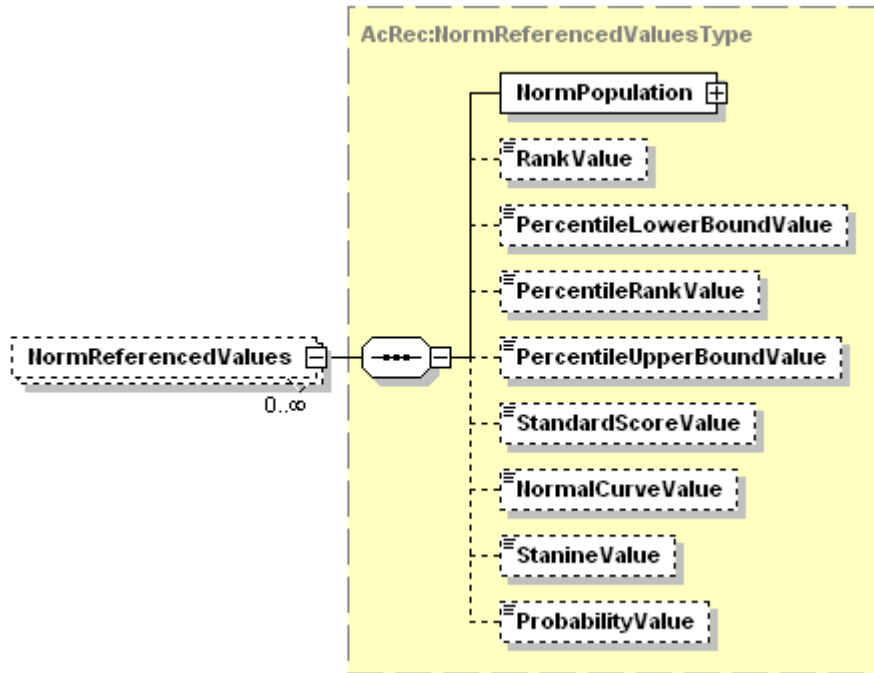
| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|------------|--|-----------------|---|
| CreditHoursAttempted | Optional | Total value of credit hours attempted whether or not included in the hours for GPA or hours earned | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditHoursEarned | Optional | Total value of credit hours successfully completed or earned | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditUnit | Optional | Type of credit (unit, semester, or quarter) associated with the credit hours earned for the course | Not Recommended | minOcc 0 maxOcc 1 Enumeration: NoCredit Quarter Semester Units ClockHours CarnegieUnits ContinuingEducationUnits Unreported Other |
| GradePointAverage | Optional | Value of the total quality points divided by the Credit Hours for Grade Point Average | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| TotalQualityPoints | Optional | Total value of quality points used for the calculation of the Grade Point Average | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| CreditHoursforGPA | Optional | Total value of credit hours used to calculate the Grade Point Average | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| | | Comment: If a student earned grades of A (worth 4 grade points per unit) in 3 Carnegie Units in this program for this diploma; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma and this program would be "7". | | |
| GPARangeMinimum | Optional | Minimum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the lowest possible grade is an F and a grade of F is valued at 0 grade points, then this value would be "0", or "0.0" or "0.00". | | |
| GPARangeMaximum | Optional | Maximum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the highest possible grade is an A and a grade of A is valued at 4 grade points, then this value would be "4" or "4.0" or "4.00", etc. | | |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: A student's GPA for a specific program within the Award or Diploma would not normally be included in a test score report so this entire section of the schema would not normally be included. | | | | |

Code Example:

```
<GPA>
  <GradePointAverage>2.75</GradePointAverage>
  <GPARangeMinimum>0</GPARangeMinimum>
  <GPARangeMaximum>4</GPARangeMaximum>
</GPA>
```

TestStudent.AcademicPrediction.AcademicPredictionValue.NormReferencedValues



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------------|------------|--|-----------------|--|
| NormPopulation | Required | Attributes of the population used in the norm referenced score | Required | minOcc 1 maxOcc 1 |
| RankValue | Optional | Score expressed as a rank | Optional | minOcc 0 maxOcc 1 minInclusive 1 Type: xs:unsignedInt |
| PercentileLowerBoundValue | Optional | Percent of examinees scoring below the current score | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:unsignedInt |
| PercentileRankValue | Optional | Number of examinees below the current score plus half the examinees at the same score divided by the number of examinees | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:unsignedInt |
| PercentileUpperBoundValue | Optional | Percent of examinees scoring at or below the current score (also called cumulative percent) | Optional | minOcc 0 maxOcc 1 minInclusive 0 maxInclusive 100 Type: xs:unsignedInt |

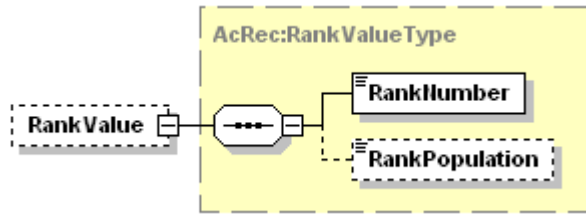
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------------|------------|--|-----------------|--|
| StandardScoreValue | Optional | Score expressed as a scaled derivative of a standard (z) score | Optional | minOcc 0 maxOcc 1 minInclusive -10.0 maxInclusive +10.0 Type: xs:decimal |
| NormalCurveValue | Optional | Score expressed as a percent of cases below this score assuming a normal distribution. | Optional | minOcc 0 maxOcc 1 Type: xs:decimal |
| StanineValue | Optional | Value indicating the stanine (1-9) in which the score falls | Optional | minOcc 0 maxOcc 1 Type: xs:integer |
| ProbabilityValue | Optional | Score expressed as a probability | Optional | minOcc 0 maxOcc 1 minInclusive 0.0 maxInclusive 1.0 Type: xs:decimal |

Code Example:

```

<NormReferencedValues>
  <NormPopulation>
    Subelements Omitted
  </NormPopulation>
  <ProbabilityValue>0.56</ProbabilityValue>
</NormReferencedValues>
    
```

TestStudent.AcademicPrediction.AcademicPredictionValue.RankValue

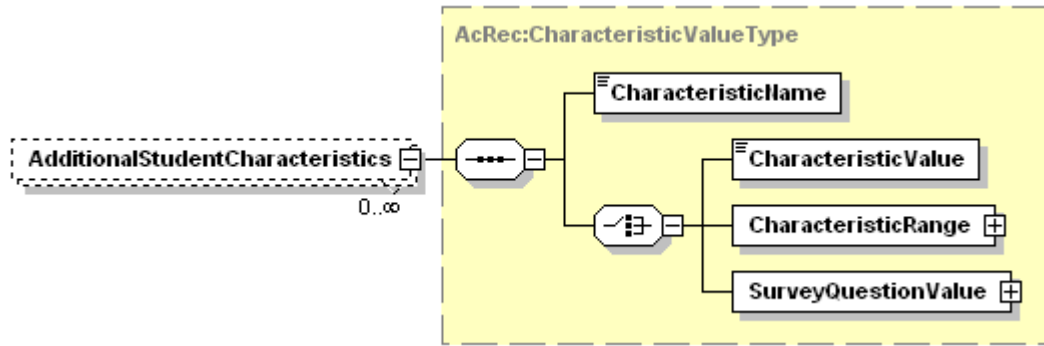


| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------|------------|--|-----------------|--|
| RankNumber | Required | Rank of the student. This may be a decimal number if multiple individuals have the same score. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| RankPopulation | Optional | Number of students in the population for which the rank is presented | Optional | minOcc 0 maxOcc 1 Type: xs:NonNegativeInteger |

Code Example:

```
<RankValue>
  <RankNumber>1.5</RankNumber>
  <RankPopulation>3516</RankPopulation>
</RankValue>
```

TestStudent.AdditionalStudentCharacteristics



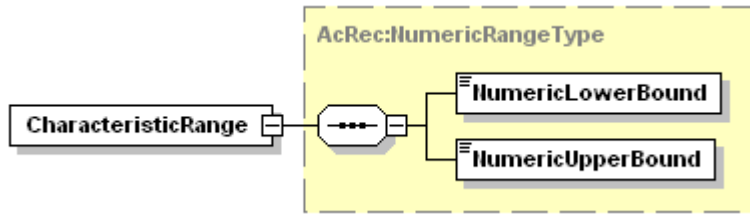
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|-----------------|--|-----------------|---|
| CharacteristicName | Required | Name of the selection characteristic | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 40 Type: xs:unsignedLong |
| Comment: The value of the Characteristic may be expressed as a string value and numeric range or a multiple choice question and answer. | | | | |
| CharacteristicValue | Required Choice | Value of the selection factor if it is a single value or text | Required Choice | minOcc 1 maxOcc 1 minLen 1 maxLen 80 Type: xs:string |
| CharacteristicRange | Required Choice | Value of the characteristic expressed as a range of values | Required Choice | minOcc 1 maxOcc 1 Type: Decimal |
| SurveyQuestionValue | Required Choice | Value of the Characteristic expressed as a multiple choice question and answer | Required Choice | minOcc 1 maxOcc 1 |

Code Example:

```

<AdditionalStudentCharacteristics>
  <CharacteristicName>Leadership</CharacteristicName>
  <CharacteristicValue>Class Vice President</CharacteristicValue>
</AdditionalStudentCharacteristics>
    
```


TestStudent.AdditionalStudentCharacteristics.CharacteristicRange

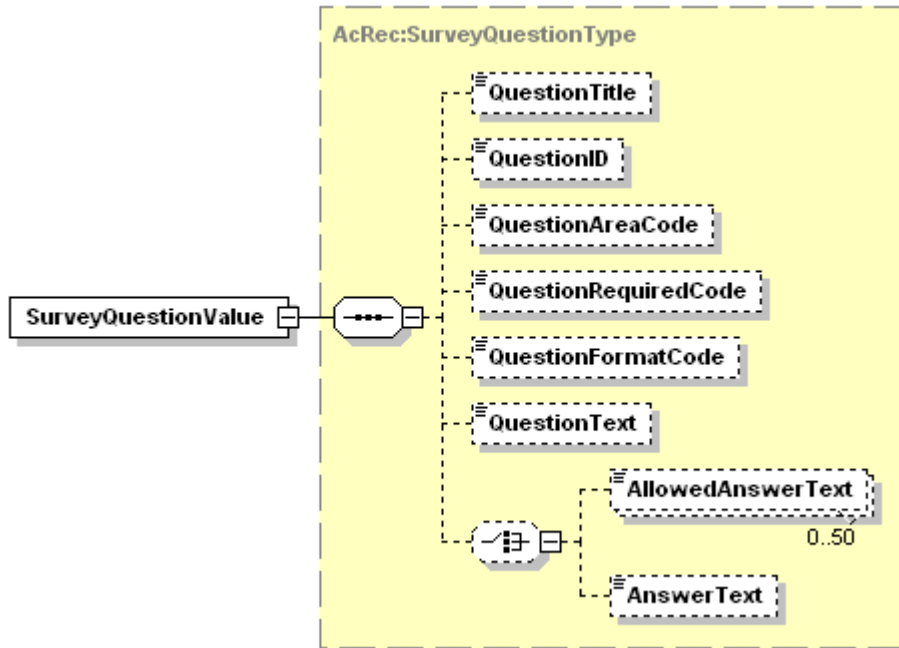


| Tag Name | Schema Use | Description | Recommended Use | Format |
|-----------------------------|---|---|-----------------|--|
| NumericLowerBound | Required | Indicates the minimum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericLowerBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| NumericUpperBound | Required | Indicates the maximum of the desired range. | Required | minOcc 1 maxOcc 1 Type: xs:decimal |
| Attribute: inclusive | Required | If this attribute is set to true then the value of NumericUpperBound is interpreted as including the value specified for the element. | Required | Type: xs:boolean |
| | Comment: The attribute defines interpretation of the value of the element. In this case, "inclusive" is true then the number specified in the LowerBound and UpperBound fields will be part of the range. Ex: a LowerBound of 100 would mean "equal to or greater than 100". | | | |

Code Example:

```
<CharacteristicRange>
  <NumericLowerBound inclusive='true'>10</NumericLowerBound>
  <NumericUpperBound inclusive='true'>30</NumericUpperBound>
</CharacteristicRange>
```

TestStudent.AdditionalStudentCharacteristics.SurveyQuestionValue



| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------|------------|--|-----------------|---|
| QuestionTitle | Optional | The title of the question (if applicable) | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| QuestionID | Optional | The survey question number or other identifier | Optional | minOcc 0 maxOcc 1 maxLen 15 |
| QuestionAreaCode | Optional | The general subject matter of the question | Recommended | minOcc 0 maxOcc 1 Enumeration: AcademicRecord Admissions Biographical Education Employment Essay ExtraCurricularActivities Family FinancialAid General Health HonorsAwards Housing Immigration Other Personal References Residency Scholarship Tests |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|--------------------|--|--------------------|--|
| QuestionRequiredCode | Optional | Indicates if Student must answer the question | Optional | minOcc 0 maxOcc 1 Enumeration: Required Optional |
| QuestionFormatCode | Optional | Indicates the presentation format of the question and answers | Optional | minOcc 0 maxOcc 1 Enumeration: RadioButton Checkbox DropDownMenu OneLineText TextArea NoInput |
| QuestionText | Optional | The text of the question | Recommended | minOcc 0 maxOcc 1 Type: String |
| AllowedAnswerText | Optional Choice | The repeated answers along with the answer selected by the student | Optional Choice | minOcc 0 maxOcc 50 |
| AnswerText | Optional Choice | The text of the answer if it is not presented as an alternative in Allowed Answers | Optional Choice | minOcc 0 maxOcc 1 minLen 0 maxLen ∞ |

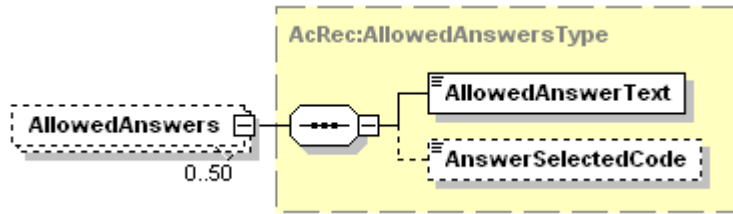
Code Example:

```

<SurveyQuestionValue>
  <QuestionAreaCode>Biographical</QuestionAreaCode>
  <QuestionText>Where were your born?</QuestionText>
  <AnswerText>Des Moines Iowa</AnswerText>
</SurveyQuestionValue>

```

TestStudent.AdditionalStudentCharacteristics.SurveyQuestion.AllowedAnswers



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------|------------|--|-----------------|---|
| AllowedAnswerText | Required | One of the allowed answers to the question. If AllowedAnswers element is present then the text is required | Required | minOcc 1 maxOcc 1 minLen 0 maxLen ∞ Type: xs:string |
| AnswerSelectCode | Optional | The survey question number or other identifier | Recommended | minOcc 0 maxOcc 1 Enumeration: Selected NotSelected |

Code Example:

```

<AllowedAnswers>
  <AllowedAnswerText>Bulldog</AllowedAnswerText>
</AllowedAnswers>
<AllowedAnswers>
  <AllowedAnswerText>Poodle</AllowedAnswerText>
  <AnswerSelectCode>Selected</AnswerSelectCode>
</AllowedAnswers>
    
```

Appendix A – StateProvinceCode

| StateProvinceCode | Description | StateProvinceCode | Description |
|--------------------------|--------------------------------|--------------------------|----------------------|
| AA | Military-Americas | OK | Oklahoma |
| AB | Alberta | ON | Ontario |
| AE | Military-Europe | OR | Oregon |
| AK | Alaska | PA | Pennsylvania |
| AL | Alabama | PE | Prince Edward Island |
| AP | Military-Pacific | PR | Puerto Rico |
| AR | Arkansas | PW | Republic Of Palau |
| AS | American Samoa | QC | Quebec |
| AZ | Arizona | RI | Rhode Island |
| BC | British Columbia | SC | South Carolina |
| CA | California | SD | South Dakota |
| CO | Colorado | SK | Saskatchewan |
| CT | Connecticut | TN | Tennessee |
| CZ | Canal Zone | TX | Texas |
| DC | District Of Columbia | UT | Utah |
| DE | Delaware | VA | Virginia |
| FL | Florida | VI | Virgin Islands |
| FM | Federated States Of Micronesia | VT | Vermont |
| GA | Georgia | WA | Washington |
| GU | Guam | WI | Wisconsin |
| HI | Hawaii | WV | West Virginia |
| IA | Iowa | WY | Wyoming |
| ID | Idaho | YT | Yukon |
| IL | Illinois | | |
| IN | Indiana | | |
| KS | Kansas | | |
| KY | Kentucky | | |
| LA | Louisiana | | |
| MA | Massachusetts | | |
| MB | Manitoba | | |
| MD | Maryland | | |
| ME | Maine | | |
| MH | Marshall Islands | | |
| MI | Michigan | | |
| MN | Minnesota | | |
| MO | Missouri | | |
| MP | Northern Mariana Islands | | |
| MS | Mississippi | | |
| MT | Montana | | |
| NB | New Brunswick | | |
| NC | North Carolina | | |
| ND | North Dakota | | |
| NE | Nebraska | | |
| NF | Newfoundland | | |
| NH | New Hampshire | | |
| NJ | New Jersey | | |
| NL | Newfoundland And Labrador | | |
| NM | New Mexico | | |
| NS | Nova Scotia | | |
| NT | Northwest Territories | | |
| NU | Nunavut | | |
| NV | Nevada | | |
| NY | New York | | |
| OH | Ohio | | |

Appendix B – CountryCode

| CountryCode | Description |
|-------------|---------------------------------------|
| AD | Andorra |
| AE | United Arab Emirates |
| AF | Afghanistan |
| AG | Antigua And Barbuda |
| AI | Anguilla |
| AL | Albania |
| AM | Armenia |
| AN | Netherlands Antilles |
| AO | Angola |
| AQ | Antarctica |
| AR | Argentina |
| AS | American Samoa |
| AT | Austria |
| AU | Australia |
| AW | Aruba |
| AX | Åland Islands |
| AZ | Azerbaijan |
| BA | Bosnia And Herzegovina |
| BB | Barbados |
| BD | Bangladesh |
| BE | Belgium |
| BF | Burkina Faso |
| BG | Bulgaria |
| BH | Bahrain |
| BI | Burundi |
| BJ | Benin |
| BM | Bermuda |
| BN | Brunei Darussalam |
| BO | Bolivia |
| BR | Brazil |
| BS | Bahamas |
| BT | Bhutan |
| BV | Bouvet Island |
| BW | Botswana |
| BY | Belarus |
| BZ | Belize |
| CA | Canada |
| CC | Cocos (Keeling) Islands |
| CD | Congo, The Democratic Republic Of The |
| CF | Central African Republic |
| CG | Congo |
| CH | Switzerland |
| CI | Cote D'ivoire |
| CK | Cook Islands |
| CL | Chile |
| CM | Cameroon |
| CN | China |
| CO | Colombia |
| CR | Costa Rica |
| CS | Serbia And Montenegro |
| CU | Cuba |
| CV | Cape Verde |
| CX | Christmas Island |
| CY | Cyprus |
| CZ | Czech Republic |
| DE | Germany |
| DJ | Djibouti |
| DK | Denmark |
| DM | Dominica |
| DO | Dominican Republic |
| DZ | Algeria |
| EC | Ecuador |
| EE | Estonia |
| EG | Egypt |
| EH | Western Sahara |
| ER | Eritrea |

| CountryCode | Description |
|-------------|--|
| ES | Spain |
| ET | Ethiopia |
| FI | Finland |
| FJ | Fiji |
| FK | Falkland Islands (Malvinas) |
| FM | Micronesia, Federated States Of |
| FO | Faroe Islands |
| FR | France |
| GA | Gabon |
| GB | United Kingdom |
| GD | Grenada |
| GE | Georgia |
| GF | French Guiana |
| GG | Guernsey |
| GH | Ghana |
| GI | Gibraltar |
| GL | Greenland |
| GM | Gambia |
| GN | Guinea |
| GP | Guadeloupe |
| GQ | Equatorial Guinea |
| GR | Greece |
| GS | South Georgia And The South Sandwich Islands |
| GT | Guatemala |
| GU | Guam |
| GW | Guinea Bissau |
| GY | Guyana |
| HK | Hong Kong |
| HM | Heard Island And Mcdonald Islands |
| HN | Honduras |
| HR | Croatia |
| HT | Haiti |
| HU | Hungary |
| ID | Indonesia |
| IE | Ireland |
| IL | Israel |
| IM | Isle of Man |
| IN | India |
| IO | British Indian Ocean Territory |
| IQ | Iraq |
| IR | Iran, Islamic Republic Of |
| IS | Iceland |
| IT | Italy |
| JE | Jersey |
| JM | Jamaica |
| JO | Jordan |
| JP | Japan |
| KE | Kenya |
| KG | Kyrgyzstan |
| KH | Cambodia |
| KI | Kiribati |
| KM | Comoros |
| KN | Saint Kitts And Nevis |
| KP | Korea, Democratic People's Republic Of |
| KR | Korea, Republic Of |
| KW | Kuwait |
| KY | Cayman Islands |
| KZ | Kazakhstan |
| LA | Lao People's Democratic Republic |
| LB | Lebanon |
| LC | Saint Lucia |
| LI | Liechtenstein |
| LK | Sri Lanka |
| LR | Liberia |
| LS | Lesotho |
| LT | Lithuania |
| LU | Luxembourg |
| LV | Latvia |

| CountryCode | Description | CountryCode | Description |
|-------------|--|-------------|--------------------------------------|
| LY | Libyan Arab Jamahiriya | SM | San Marino |
| MA | Morocco | SN | Senegal |
| MC | Monaco | SO | Somalia |
| MD | Moldova, Republic Of | SR | Suriname |
| ME | Montenegro | ST | Sao Tome And Principe |
| MF | Saint Martin | SV | El Salvador |
| MG | Madagascar | SY | Syrian Arab Republic |
| MH | Marshall Islands | SZ | Swaziland |
| MK | Macedonia, The Former Yugoslav Republic Of | TC | Turks And Caicos Islands |
| ML | Mali | TD | Chad |
| MM | Myanmar | TF | French Southern Territories |
| MN | Mongolia | TG | Togo |
| MO | Macao | TH | Thailand |
| MP | Northern Mariana Islands | TJ | Tajikistan |
| MQ | Martinique | TK | Tokelau |
| MR | Mauritania | TL | Timor Leste |
| MS | Montserrat | TM | Turkmenistan |
| MT | Malta | TN | Tunisia |
| MU | Mauritius | TO | Tonga |
| MV | Maldives | TR | Turkey |
| MW | Malawi | TT | Trinidad And Tobago |
| MX | Mexico | TV | Tuvalu |
| MY | Malaysia | TW | Taiwan, Province Of China |
| MZ | Mozambique | TZ | Tanzania, United Republic Of |
| NA | Namibia | UA | Ukraine |
| NC | New Caledonia | UG | Uganda |
| NE | Niger | UM | United States Minor Outlying Islands |
| NF | Norfolk Island | US | United States |
| NG | Nigeria | UY | Uruguay |
| NI | Nicaragua | UZ | Uzbekistan |
| NL | Netherlands | VA | Holy See (Vatican City State) |
| NO | Norway | VC | Saint Vincent And The Grenadines |
| NP | Nepal | VE | Venezuela |
| NR | Nauru | VG | Virgin Islands, British |
| NU | Niue | VI | Virgin Islands, U.S. |
| NZ | New Zealand | VN | Viet Nam |
| OM | Oman | VU | Vanuatu |
| PA | Panama | WF | Wallis And Futuna |
| PE | Peru | WS | Samoa |
| PF | French Polynesia | YE | Yemen |
| PG | Papua New Guinea | YT | Mayotte |
| PH | Philippines | ZA | South Africa |
| PK | Pakistan | ZM | Zambia |
| PL | Poland | ZW | Zimbabwe |
| PM | Saint Pierre And Miquelon | | |
| PN | Pitcairn | | |
| PR | Puerto Rico | | |
| PS | Palestinian Territory, Occupied | | |
| PT | Portugal | | |
| PW | Palau | | |
| PY | Paraguay | | |
| QA | Qatar | | |
| RE | Reunion | | |
| RO | Romania | | |
| RS | Serbia | | |
| RU | Russian Federation | | |
| RW | Rwanda | | |
| SA | Saudi Arabia | | |
| SB | Solomon Islands | | |
| SC | Seychelles | | |
| SD | Sudan | | |
| SE | Sweden | | |
| SG | Singapore | | |
| SH | Saint Helena | | |
| SI | Slovenia | | |
| SJ | Svalbard And Jan Mayen | | |
| SK | Slovakia | | |
| SL | Sierra Leone | | |

Appendix C – StudentLevelCodes

K-12

Infant
PreKindergarten
Kindergarten
FirstGrade
SecondGrade
ThirdGrade
FourthGrade
FifthGrade
SixthGrade
SeventhGrade
EighthGrade
NinthGrade
TenthGrade
EleventhGrade
TwelfthGrade
PostsecondaryBachelorPreliminaryYear

College

NonDegree
CollegeFirstYear
CollegeFirstYearAttendedBefore
CollegeSophomore
CollegeJunior
CollegeSenior
CollegeFifthYear
PostBaccalaureate
GraduateNonDegree
GraduateFirstYear
GraduateSecondYear
GraduateThirdYear
GraduateBeyondThirdYear

Professional/Advanced

Professional
ProfessionalFirstYear
ProfessionalSecondYear
ProfessionalThirdYear
ProfessionalBeyondThirdYear
MastersQualifying
Masters
Doctoral
Postdoctoral

Appendix D – Course Academic Grade Scale Code

| I. Five or more passing grades (alpha with +/-) | | | | | | | | | | | | |
|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Code | Grades Used | | | | | | | | | | | |
| Wt | 4.0 | 3.7 | 3.3 | 3.0 | 2.7 | 2.3 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 | 0.0 |
| 01 | A | A- | B+ | B | B- | C+ | C | C- | D+ | D | D- | F |
| 02 | A+,A | A- | B+ | B | B- | C+ | C | C- | D+ | D | D- | F |
| 03 | A | | B+ | B | | C+ | C | | D+ | D | | F |
| 04 | A+, A | | B+ | B | | C+ | C | | D+ | D | | F |
| 05 | A+, A | A- | B+ | B | B- | C+ | C | C- | D+ | D | | F |
| 06 | A | A- | B+ | B | B- | C+ | C | C- | | | | F |
| 07 | A | | B+ | B | | C+ | C | | | D | | F |
| 08 | A | A- | B+ | B | B- | C+ | C | C- | D+ | D | | F |
| 09 | A | A- | B+ | B | B- | C+ | C | C- | | D | | F |
| 10 | A | A- | B+ | B | B- | C+ | C | C- | D+ | D | D- | E/NC |
| 11 | A+, A | A- | B+ | B | B- | C+ | C | C- | | | | |
| 12 | A+, A | A- | B+ | B | B- | C+ | C | C- | D+ | D | D- | |
| 13 | A | A- | B+ | B | B- | C+ | C | C- | D+ | D | D- | |
| 14 | Non-standard system using 5 or more alpha grades, no "F" | | | | | | | | | | | |
| 15 | Non-standard system using 5 or more alpha grades, and "F" | | | | | | | | | | | |

| II. ABCDF with Halfstep Grades (AB, BC, etc.) | | | | | | | | | |
|---|---|-----|-----|-----|-----|-----|-----|-----|-----|
| Code | Grades Used | | | | | | | | |
| Wt | 4.0 | 3.5 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.5 | 0.0 |
| 16 | A | AB | B | BC | C | CD | D | DF | F |
| 17 | A | AB | B | BC | C | | D | | F |
| 18 | A | | B | C+ | C | | D | | F |
| 19 | A | B+ | B | C+ | C | D+ | D | | F |
| 20 | A | B+ | B | C+ | C | | D | | F |
| 21 | A | B+ | B | C+ | C | C- | D | | F |
| 22 | A+,A | B+ | B | C+ | C | D+ | D | | F |
| 23 | Other ABCDF system with halfstep grades, no "F" grade | | | | | | | | |
| 24 | Other ABCDF system with halfstep grades and "F" grade | | | | | | | | |

Appendix D – CourseAcademicGradeScaleCode (Continued)

| III. ABCD/F Type (4 passing letter grades) | | | | | |
|---|--|-----|-----|-----|------|
| Code | Grades Used | | | | |
| Wt | 4.0 | 3.0 | 2.0 | 1.0 | 0.0 |
| 25 | A | B | C | D | F |
| 26 | A | B | C | D | NC/N |
| 27 | A | B | C | D | E |
| 28 | H | S+ | S | S- | U |
| 29 | E | S | M | I | F |
| 30 | DN | HP | P | HCO | NC |
| 31 | D | E | G | Q | U/F |
| 32 | H | E | G | P | U |
| 33 | S | H | P | LP | F |
| 34 | E | VG | G | P | F |
| 35 | HO | HP | PA | CR | NC |
| 36 | A | B | C | D | |
| 37 | A | B | C | D | U/R |
| 38 | Other ABCD/F type system, no "F" grade | | | | |
| 39 | Other ABCD/F type system, with "F" grade | | | | |

| IV. ABC/F Type (3 passing letter grades) | | | | |
|---|--|-----|-----|-----|
| Code | Grades Used | | | |
| Wt | 4.0 | 3.0 | 2.0 | 0.0 |
| 40 | A | B | C | F |
| 41 | H | HP | CR | NC |
| 42 | H | HP | P | F |
| 43 | A | B | C | NC |
| 44 | A | B | C | |
| 45 | H | HP | P | NP |
| 46 | HH | H | P | |
| 47 | HH | H | P | F |
| 48 | E | G | P | U/F |
| 53 | Other ABC/F type system, with no "F" grade | | | |
| 54 | Other ABC/F type system, with "F" grade | | | |

Appendix D – CourseAcademicGradeScaleCode (Continued)

| V. Graduate School Grading Systems (not normally found in Manual) | | | | | |
|--|--------------------|-----------|------|----------|-----|
| Code | Grades Used | | | | |
| Wt | 4.0 | 3.7 | 3.0 | 2.7 | 0.0 |
| 49 | H | HP | P | LP | U/F |
| 50 | H | HP | P | | F |
| 51 | DIST | HIGH PASS | PASS | LOW PASS | F |
| 52 | H | HP | P | | U |

| VI. Pass/Fail Type (one or two passing grades) | |
|--|---|
| Code | Grades Used |
| Two passing grades, each converted to an American Medical Colleges Admissions Service (AMCAS) grade of "P"; failing grade converted to "N" | |
| 55 | Pass/Fail: HP and P, F |
| 56 | Pass/Fail: H and P, F |
| 57 | Pass/Fail: HP and P, N/NC |
| 58 | Pass/Fail: H and P, U |
| 59 | Other Pass/Fail types with two passing grades |
| One passing grade, converted to AMCAS grade of "P"; failing grade converted to AMCAS grade of "N" | |
| 60 | Pass/Fail: P, F |
| 61 | Pass/Fail: SAT, U |
| 62 | Pass/Fail: CR, NC |
| 63 | Pass/Fail: S, U |
| 64 | Other Pass/Fail types with one passing grade |

Appendix D – CourseAcademicGradeScaleCode (Continued)

| VII. Numeric - Percent Type | | | | | | | | | | | | |
|-----------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Code | Grades Used | | | | | | | | | | | |
| Wt | 4.0 | 3.7 | 3.3 | 3.0 | 2.7 | 2.3 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 | 0.0 |
| 65 | 100-93 | 92-90 | 89-87 | 86-83 | 82-80 | 79-77 | 76-73 | 72-70 | 69-67 | 66-63 | 62-60 | 59-0 |
| 66 | 100-90 | | | 89-80 | | | 79-70 | | | 69-60 | | 59-0 |
| 67 | 100-94 | 93-90 | | 89-85 | | | 84-75 | | | 74-70 | | 69-0 |
| 68 | 100-90 | | | 89-80 | | | 79-70 | | | 69-65 | | 64-0 |
| 69 | 100-93 | | | 92-85 | | | 84-77 | | | 76-70 | | 69-0 |
| 70 | 100-93 | | | 92-84 | | | 83-75 | | | 74-70 | | 69-0 |
| 71 | 100-90 | | | 89-80 | | 79-76 | 75-70 | | | 69-60 | | 59-0 |
| 72 | 100-90 | | 89-85 | 84-80 | | 79-75 | 74-70 | | | | | 69-0 |
| 73 | Other numeric grading system - percent type | | | | | | | | | | | |

| VIII. Numeric - Percent Type | | | | | | | | | | | | |
|------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Code | Grades Used | | | | | | | | | | | |
| Wt | 4.0 | 3.7 | 3.3 | 3.0 | 2.7 | 2.3 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 | 0.0 |
| 74 | 4.0 | 3.7 | 3.3 | 3.0 | 2.7 | 2.3 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 | 0.0 |
| 77 | 1 | | | 2 | | | 3 | | | 4 | | 5 |
| 79 | 4.0 | | | 3.0 | | | 2.0 | | | 1.0 | | 0.0 |
| 80 | 1+,1 | 1- | 2+ | 2 | 2- | 3+ | 3 | 3- | 4+ | 4 | 4- | 5/6 |
| 81 | 3.0 | | | 2.0 | | | 1.0 | | | | | 0.0 |
| 82 | Other numeric grading system - 4.0 or integer type | | | | | | | | | | | |

| IX. Numeric (4.0 type) Grading Systems using Halfstep Grades | | | | | | | | | |
|--|--|-----|-----|-----|-----|-----|-----|-----|-----|
| Code | Grades Used | | | | | | | | |
| Wt | 4.0 | 3.5 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.5 | 0.0 |
| 76 | 4.0 | 3.5 | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.5 | 0.0 |
| 78 | 4.0 | 3.5 | 3.0 | 2.5 | 2.0 | | 1.0 | | 0.0 |
| 82 | Other numeric grading system - 4.0 or integer type | | | | | | | | |
| 75 | Continuous 4.0 scale (4.0 to 0.0) | | | | | | | | |

Appendix D – CourseAcademicGradeScaleCode (Continued)

| X. Numeric - Canadian Type | | | | | | | | | | | | |
|----------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Code | Grades Used | | | | | | | | | | | |
| Wt | 4.0 | 3.7 | 3.3 | 3.0 | 2.7 | 2.3 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 | 0.0 |
| 83 | 9 | 8 | 7 | | 6 | 5 | | 4 | 3 | | | 2,1 |
| 84 | 10,9 | 8 | 7 | | 6 | 5 | | 4 | 3 | 2 | 1 | 0 |
| 85 | 100-87 | 86-80 | 79-76 | 75-73 | 72-70 | 69-66 | 65-63 | 62-60 | 59-56 | 55-53 | 52-50 | 49-0 |
| 86 | 100-84 | 83-75 | 74-72 | 71-69 | 68-66 | 65-64 | 63-62 | 61-60 | 59-56 | 55-53 | 52-50 | 49-0 |
| 87 | 100-87 | 86-80 | 79-75 | 74-70 | 69-65 | 64-60 | 59-55 | 54-50 | | | | 49-0 |
| 88 | 100-87 | 86-80 | 79-75 | 74-70 | 69-65 | 64-62 | 61-59 | 58-55 | 54-52 | 51-48 | 47-45 | 44-0 |
| 89 | Other numeric grading system – Canadian | | | | | | | | | | | |
| 99 | Grading Scale Unknown | | | | | | | | | | | |

Appendix E – Nonstandardized Test Conditions

| Reason Type | Code | Comments |
|--|---------------------------|--|
| Standard Administration | NoModification | Normal administration |
| | DiagnosticPurpose | Used for diagnostic |
| | ExperiencePurpose | Used for Experience |
| | OutOflevel | No norms for this group |
| Nonstandard Resources Provided | ForeignLanguageDictionary | Provided with a dictionary |
| | ItemInterpreter | Provided with an interpreter |
| | SignLanguageInterpreter | |
| | Audio/VideoTapeReview | |
| Nonstandard method for recording answers | AmanuensisOrRecorder | Another person recorded the answers |
| | MarkOnBooklet | The answers were marked on the booklet |
| | ScribeMarkReponses | Scribe marks were used |
| | Typewriter | Answers were completed with typewriter |
| Nonstandard Test Environment | AdjustableTableHeight | Special table accommodations |
| | FlexibleSetting | |
| Nonstandard Equipment | SeparateRoom | |
| | SpecialFurniture | |
| | SpecialLighting | |
| | EnlargedKeyboard | |
| Nonstandard scheduling of test | HeadMouse | |
| | Trackball | |
| | ExtraBreak | |
| | ExtraTime | |
| | FlexibleSchedule | |
| Nonstandard test presentation method or format | MultiDay | |
| | Untimed | |
| | Braille | |
| | LargePrint | |
| | Reader | |
| | RevisedDirections | |
| | RevisedFormat | |
| SignLanguageReader | | |
| Other Nonstandard contitions | VideotapeScripts | |
| | UnusualTestingEvent | |
| | OtherNonStandardCondition | |

Appendix F – Test Codes and Test Names

Academic Tests

| Test Code | Test Name |
|---------------------------------|--|
| ACT | The ACT |
| ACTExplore | ACT EXPLORE |
| ACTInterestInventory | ACT Interest Inventory |
| ACTPlan | ACT PLAN |
| ACTWorkKeys | ACT WorkKeys |
| APArtDrawing | College Board Adv Placement in Art - Drawing |
| APArtGeneral | College Board Adv Placement in Art - General |
| APBiology | College Board Adv Placement in Biology |
| APCalculusAB | College Board Adv Placement in Calculus AB |
| APCalculusBC | College Board Adv Placement in Calculus BC |
| APChemistry | College Board Adv Placement in Chemistry |
| APComputerScienceA | College Board Adv Placement in Computer Science A |
| APComputerScienceB | College Board Adv Placement in Computer Science B |
| APEconomicsMacro | College Board Adv Placement in Economics Macro |
| APEconomicsMicro | College Board Adv Placement in Economics Micro |
| APEnglishLanguageComposition | College Board Adv Placement in English Language Composition |
| APFrenchLanguage | College Board Adv Placement in French Language |
| APFrenchLiterature | College Board Adv Placement in French Literature |
| APGermanLanguage | College Board Adv Placement in German Language |
| APGovernmentPoliticsComparative | College Board Adv Placement in Government & Politics - Comparative |
| APGovernmentPoliticsUS | College Board Adv Placement in Government & Politics - US |
| APHistoryArt | College Board Adv Placement in Art History |
| APHistoryEurope | College Board Adv Placement in European History |
| APHistoryUS | College Board Adv Placement in US History |
| APLatinCatHor | College Board Adv Placement in Latin Cat Hor |
| APLatinVergil | College Board Adv Placement in Latin - Vergil |
| APMusicListeningLiterature | College Board Adv Placement in Music Listening & Literature |
| APMusicTheory | College Board Adv Placement in Music Theory |
| APPhysics | College Board Adv Placement in Physics |
| APPhysicsEngineeringMechanics | College Board Adv Placement in Physics C - E & M |
| APPhysicsMechanics | College Board Adv Placement in Physics C - Mech |
| APPsychology | College Board Adv Placement in Psychology |

| Test Code | Test Name |
|---|---|
| APSpanishLanguage | College Board Adv Placement in Spanish Language |
| APSpanishLiterature | College Board Adv Placement in Spanish Literature |
| CAHSEE | California High School Exit Exam |
| CLEPAccountingFinancial | College Level Examination Program - Financial Accounting |
| CLEPAlgebraCollege | College Level Examination Program - College Algebra |
| CLEPBiology | College Level Examination Program - Biology |
| CLEPBusinessLawIntroduction | College Level Examination Program - Introduction to Business Law |
| CLEPCalculus | College Level Examination Program - Calculus |
| CLEPChemistry | College Level Examination Program - Chemistry |
| CLEPCompositionCollegeFreshman | College Level Examination Program - Freshman College Composition |
| CLEPCompstionEnglish | College Level Examination Program - EnglishComposition |
| CLEPEconomicsMacro | College Level Examination Program - Principles of Macroeconomics |
| CLEPEconomicsMicro | College Level Examination Program - Principles of Microeconomics |
| CLEPEnglishComposition | College Level Examination Program - English Composition |
| CLEPFrenchLanguage | College Level Examination Program - French Language (Levels 1 and 2) |
| CLEPGermanLanguage | College Level Examination Program - German Lanaguage (Levels 1 and 2) |
| CLEPGovernmentAmerican | College Level Examination Program - American Government |
| CLEPHistoryUSfrom1865 | College Level Examination Program - U.S. History II:1865 to Present |
| CLEPHistoryUSTo1877 | College Level Examination Program - U.S. History I: Early Colonization to 1877 |
| CLEPHumanGrowthDevelopment | College Level Examination Program - Human Growth and Development |
| CLEPHumanities | College Level Examination Program - Humanities |
| CLEPInformationSystems | College Level Examination Program - Information Systems and Computer Applications |
| CLEPLanguageSpanish | College Level Examination Program - Spanish Language (Levels 1 and 2) |
| CLEPLiteratureAmerican | College Level Examination Program - American Literature |
| CLEPLiteratureAnalysisAndInterpretating | College Level Examination Program - Analyzing and Interpreting Literature |
| CLEPLiteratureEnglish | College Level Examination Program - English Literature |
| CLEPManagement | College Level Examination Program - Principles of Management |

| Test Code | Test Name |
|---------------------------------|---|
| CLEPMarketing | College Level Examination Program - Principles of Marketing |
| CLEPMath | College Level Examination Program - Mathematics |
| CLEPMathematicsCollege | College Level Examination Program - College Mathematics |
| CLEPPrecalculus | College Level Examination Program - Precalculus |
| CLEPPsychologyEducational | College Level Examination Program - Educational Psychology |
| CLEPPsychologyIntroductory | College Level Examination Program - Introductory Psychology |
| CLEPSciencesNatural | College Level Examination Program - Natural Sciences |
| CLEPSocialSciencesAndHistory | College Level Examination Program - Social Sciences and History |
| CLEPSocialSciencesHistory | College Level Examination Program - Social Sciences and History |
| CLEPSociologyIntroductory | College Level Examination Program - Introductory Sociology |
| CLEPWesternCivilizationFrom1648 | College Level Examination Program - Western Civilization II: 1648 to Present |
| CLEPWesternCivilizationTo1648 | College Level Examination Program - Western Civilization I: Ancient Near East to 1648 |
| GED | General Education Development |
| GMAT | GMAT (Graduate Management Admission Test) |
| GRE | Graduate Record Examination General Test (ETS) |
| GREBiochemistryCellMolecular | Graduate Record Examination General Test (ETS) |
| GREBiology | Graduate Record Examination - Biology |
| GREChemistry | Graduate Record Examination - Chemistry |
| GREComputerScience | Graduate Record Examination - Computer Science |
| GRELiteratureEnglish | Graduate Record Examination - Literature in English |
| GREMathematics | Graduate Record Examination - Mathematics |
| GREPhysics | Graduate Record Examination - Physics |
| GREPsychology | Graduate Record Examination - Psychology |
| IELTS | International English Language Testing System (Cambridge) |
| InternationalBaccalaureate | International Baccalaureate |
| LSAT | Law School Admission Test |
| MCAT | Medical Colleges Admissions Test |
| SAT | SAT Reasoning Test |
| SATBiology | SAT Subject Test - Biology E/M |
| SATChemistry | SAT Subject Test - Chemistry |
| SATChineseListening | SAT Subject Test - Chinese with Listening |
| SATFrench | SAT Subject Test - French |
| SATFrenchListening | SAT Subject Test - French Listening |

| Test Code | Test Name |
|--------------------------|--|
| SATGerman | SAT Subject Test - German |
| SATGermanListening | SAT Subject Test - German Listening |
| SATHebrew | SAT Subject Test - Hebrew |
| SATHebrewModern | SAT Subject Test - Modern Hebrew |
| SATHistoryWorld | SAT Subject Test - World History |
| SATItalian | SAT Subject Test - Italian |
| SATJapaneseWithListening | SAT Subject Test - Japanese with Listening |
| SATKoreanListening | SAT Subject Test - Korean with Listening |
| SATLatin | SAT Subject Test - Latin |
| SATLiterature | SAT Subject Test - Literature |
| SATMath1 | SAT Subject Test - Mathematics Level I |
| SATMath2 | SAT Subject Test - Mathematics Level II |
| SATPhysics | SAT Subject Test - Physics |
| SATSpanish | SAT Subject Test - Spanish |
| SATSpanishListening | SAT Subject Test - Spanish with Listening |
| SATSpanishListening | SAT Subject Test - Spanish Listening |
| SATUSHistory | SAT Subject Test - American History |
| TABE | Test of Adult Basic Education |
| TOEFL | Test of English as a Foreign Language |
| OtherTest | Test not listed. Use TestName to identify the test |
| OtherStateTest | State test not listed. Use TestName to identify the state test |

Appendix G – Subtest Codes

| Subtest Code | Subtest Name |
|-------------------------------|--------------------------------------|
| Algebra | Algebra |
| Algebra1 | Algebra 1 |
| AlgebraGeometryCoordinate | Algebra/Coordinate Geometry |
| Analytical | Analytical Writing |
| Biochemistry | Biochemistry |
| Biology | Biology |
| BiologyCell | Cell Biology |
| BiologyCellularAndMolecular | Cellular and Molecular Biology |
| BiologyMolecularAndGenetics | Molecular Biology and Genetics |
| BiologyOrganismal | Organismal Biology |
| Chemistry | Chemistry |
| CompositeScore | Composite |
| Comprehension | Comprehension |
| Computation | Computation |
| ConceptsApplications | Concepts/Applications |
| EcologyAndEvolution | Ecology and Evolution |
| English | English |
| EnglishA | English A |
| EnglishB | English B |
| EnglishLanguageArts | English-Language Arts |
| EnglishRhetoricalSkills | English: Rhetorical Skills |
| EnglishTestOfStandardWritten | Test of Standard Written English |
| EnglishUsageMechanics | English: Usage/Mechanics |
| Essay | Essay 1 |
| Expression | Expression |
| Fit | Personal Skills: Fit |
| GeometryTrigonometry | Geometry/Trigonometry |
| HistoryAmerican | History (American) |
| HistoryEuropean | History (European) |
| InformationLocating | Locating Information |
| InterestArts | Interest in Arts |
| InterestBusinessContact | Interest in Business Contact |
| InterestBusinessContact | Interest in Business Contact |
| InterestBusinessOperrations | Interest in Business Operations |
| InterestScience | Interest in Science and Technology |
| InterestSocialService | Interest in Social Service |
| InterestTechnical | Interest in Technical |
| LanguageArts | Language Arts |
| LanguageForeignA | Foreign Language A |
| LanguageForeignB | Foreign Language B |
| Listening | Listening |
| ListeningComprehension | Listening Comprehension |
| LiteraryResponses | Literary Responses and Analysis |
| LiteratureAndArtsInterpreting | Interpreting Literature and the Arts |
| Math | Mathematics |

| Subtest Code | Subtest Name |
|-------------------------------|---|
| Math | Mathematical |
| MathAlgebraPreAlgebra | Mathematics: Pre-algebra/Algebra |
| MathApplied | Applied Mathematics |
| MathElementaryPreAlgebra | Mathematics: Pre-algebra/elementary |
| MathGeometry | Mathematics: Geometry |
| MathIntermediate | Mathematics: Intermediate |
| MathPlaneGeometryTrigonometry | Mathematics: Plane Geometry and Trigonometry |
| MeasurementAndGeometry | Measurement & Geometry |
| Mechanics | Mechanics |
| NumberSense | Number Sense |
| Observation | Observation |
| Performance | Personal Skills: Performance |
| Physics | Physics |
| ProbabilityAndStatistics | Probability and Statistics |
| PsychologyExperimental | Experimental Psychology |
| PsychologySocial | Social Psychology |
| Quantitative | Quantitative |
| Readin | Reading |
| Reading | Reading |
| ReadingArtsLiterature | Reading: Arts/Literature |
| ReadingComprehension | Reading Comprehension |
| ReadingInformational | Reading for Information |
| ReadingSocialStudiesScience | Reading: Social Studies/Science |
| Science | Science |
| SocialStudies | Social Studies |
| Spelling | Spelling |
| Talent | Personal Skills: Talent |
| Teamwork | Teamwork |
| TechnologyApplied | Applied Technology |
| Total | Total |
| TotalScore | Total |
| Usage | Usage |
| Verbal | Verbal |
| Vocabulary | Vocabulary |
| WordAnalysis | Word Analysis |
| Writing | Writing |
| Writing | Writing Skills |
| WritingAnalytic | Analytical Writing Assessment |
| WritingBusiness | Business Writing |
| WritingConventions | Writing Conventions |
| WritingEnglish | Combined Writing/English |
| WritingStrategies | Writing Strategies |
| WrittenExpressionAndStructure | Structure and Written Expression |
| OtherSubtest | Subtest not listed. Use SubtestName to identify the subtest |

Appendix H – Activity Codes

| Category | Activity Code |
|--------------|--------------------------------------|
| Clubs | BoyScouts |
| Clubs | Club4H |
| Clubs | ClubArt |
| Clubs | ClubCareer |
| Clubs | ClubChess |
| Clubs | ClubComputer |
| Clubs | ClubDistributiveEducationAmerica |
| Clubs | ClubDrama |
| Clubs | ClubEnvironmental |
| Clubs | ClubEthnic |
| Clubs | ClubForeignLanguage |
| Clubs | ClubFrench |
| Clubs | ClubFutureBusinessLeadersAmerica |
| Clubs | ClubFutureFarmersAmerica |
| Clubs | ClubFutureHomemakersAmerica |
| Clubs | ClubFutureTeachersAmerica |
| Clubs | ClubGerman |
| Clubs | ClubHealthOccupationsStudentsAmerica |
| Clubs | ClubItalian |
| Clubs | ClubLatin |
| Clubs | ClubOther |
| Clubs | ClubPortuguese |
| Clubs | ClubRussian |
| Clubs | ClubScience |
| Clubs | ClubSpanish |
| Clubs | ClubSpeechDebate |
| Clubs | ClubStudentsAgainstDrunkDriving |
| Clubs | Fraternity |
| Clubs | GirlScouts |
| Clubs | KeyClub |
| Clubs | PeerCounseling |
| Clubs | Sorority |
| Clubs | Tutoring |
| HonorSociety | AcademicHonorSociety |
| HonorSociety | AcademicTeamBrainBowl |
| HonorSociety | ClubBeta |
| HonorSociety | ClubMuAlphaTheta |
| HonorSociety | ClubPsiEtaScience |
| HonorSociety | NationalForensicsLeague |

| Category | Activity Code |
|-----------------|------------------------------|
| HonorSociety | NationalHonorSociety |
| HonorSociety | ThespianSociety |
| Inventions | Invention |
| Inventions | Patent |
| Inventions | Research |
| Journalism | Broadcasting |
| Journalism | Journalism |
| Journalism | JournalismOther |
| Journalism | LiteraryMagazine |
| Journalism | YearBook |
| Leadership | ClassOfficer |
| Leadership | ClassPresident |
| Leadership | StudentBodyOfficer |
| Leadership | StudentBodyPresident |
| Leadership | StudentLeadershipOther |
| PerformingArts | ArtGraphicDesign |
| PerformingArts | Band |
| PerformingArts | Chorus |
| PerformingArts | Dance |
| PerformingArts | DanceTeam |
| PerformingArts | DrillTeam |
| PerformingArts | JazzEnsemble |
| PerformingArts | MusicInstrumental |
| PerformingArts | MusicOther |
| PerformingArts | MusicTheoryComposition |
| PerformingArts | MusicVocal |
| PerformingArts | Orchestra |
| PerformingArts | PerformingArtsOther |
| PerformingArts | TheaterDrama |
| Publications | Dissertation |
| Publications | NovelBook |
| Publications | Poetry |
| Publications | ProfessionalPresentation |
| Publications | ProfessionalScholarlyArticle |
| Publications | ProseShortStory |
| Publications | PublicationOther |
| Publications | Textbook |
| Publications | Thesis |
| Publications | UnpublishedManuscript |
| Sports | Archery |
| Sports | Badminton |
| Sports | Baseball |

| Category | Activity Code |
|-----------------|----------------------|
| Sports | Basketball |
| Sports | Bowling |
| Sports | Boxing |
| Sports | Cheerleading |
| Sports | Crew |
| Sports | CrossCountry |
| Sports | Diving |
| Sports | DivingScuba |
| Sports | Fencing |
| Sports | Football |
| Sports | Golf |
| Sports | Gymnastics |
| Sports | HandballTeam |
| Sports | HockeyField |
| Sports | HockeyIce |
| Sports | HorsebackRiding |
| Sports | Lacrosse |
| Sports | ManagerTeam |
| Sports | MartialArts |
| Sports | Polo |
| Sports | PoloWater |
| Sports | Racquetball |
| Sports | Riflery |
| Sports | Rodeo |
| Sports | Rugby |
| Sports | Sailing |
| Sports | Skiing |
| Sports | Soccer |
| Sports | Softball |
| Sports | SportOther |
| Sports | Squash |
| Sports | Swimming |
| Sports | SwimmingSynchronized |
| Sports | Tennis |
| Sports | TennisTable |
| Sports | TrackField |
| Sports | Volleyball |
| Sports | Wrestling |
| Volunteering | ChurchService |
| Volunteering | CommunityService |
| Volunteering | VolunteeringOther |
| Volunteering | VolunteerWork |

Appendix I – Language Codes

| Language Code | Description |
|---------------|---|
| AAR | Afar |
| ABK | Abkhazian |
| ACE | Achinese |
| ACH | Acoli |
| ADA | Adangme |
| ADY | Adyghe; Adygei |
| AFA | Afro-Asiatic (Other) |
| AFH | Afrihili |
| AFR | Afrikaans |
| AIN | Ainu |
| AKA | Akan |
| AKK | Akkadian |
| ALB | Albanian |
| ALE | Aleut |
| ALG | Algonquian Languages |
| ALT | Southern Altai |
| AMH | Amharic |
| ANG | English, Old (ca. 450-1100) |
| ANP | Angika |
| APA | Apache Languages |
| ARA | Arabic |
| ARC | Aramaic (700-300 BCE); Imperial Aramaic (700-300 BCE) |
| ARG | Aragonese |
| ARM | Armenian |
| ARN | Mapudungun; Mapuche |
| ARP | Arapaho |
| ART | Artificial (Other) |
| ARW | Arawak |
| ASM | Assamese |
| AST | Asturian; Bable |
| ATH | Athapascan Languages |
| AUS | Australian Languages |
| AVA | Avaric |
| AVE | Avestan |
| AWA | Awadhi |
| AYM | Aymara |
| AZE | Azerbaijani |
| BAD | Banda Languages |
| BAI | Bamileke Languages |
| BAM | Bambara |
| BAN | Balinese |
| BAQ | Basque |
| BAS | Basa |
| BAT | Baltic (Other) |
| BEJ | Beja |
| BEL | Belarusian |
| BEM | Bemba |
| BEN | Bengali |
| BER | Berber (Other) |
| BHO | Bhojpuri |

| Language Code | Description |
|---------------|--|
| BIH | Bihari |
| BIK | Bikol |
| BIN | Bini; Edo |
| BIS | Bislama |
| BLA | Siksika |
| BNT | Bantu (Other) |
| BOD | Tibetan |
| BOS | Bosnian |
| BRA | BRAJ |
| BRE | Breton |
| BTK | Batak Languages |
| BUA | Buriat |
| BUG | Buginese |
| BUL | Bulgarian |
| BYN | Bilin; Blin |
| CAD | Caddo |
| CAI | Central American Indian (Other) |
| CAR | Galibi Carib |
| CAT | Catalan; Valencian |
| CAU | Caucasian (Other) |
| CEB | Cebuano |
| CEL | Celtic (Other) |
| CES | Czech |
| CHA | Chamorro |
| CHB | Chibcha |
| CHE | Chechen |
| CHG | Chagatai |
| CHI | Chinese |
| CHK | Chuukese |
| CHM | Mari |
| CHN | Chinook Jargon |
| CHO | Choctaw |
| CHP | Chipewyan |
| CHR | Cherokee |
| CHU | Church Slavonic; Old Slavonic; Church Slavonic; Old Bulgarian; Old Church Slavonic |
| CHV | Chuvash |
| CHY | Cheyenne |
| CMC | Chamic Languages |
| COP | Coptic |
| COR | Cornish |
| COS | Corsican |
| CPE | Creoles and Pidgins, English Based (Other) |
| CPF | Creoles and Pidgins, French Based (Other) |
| CPP | Creoles and Pidgins, Portuguese Based (Other) |
| CRE | Cree |
| CRH | Crimean Tatar; Crimean Turkish |
| CRP | Creoles and Pidgins (Other) |
| CSB | Kashubian |
| CUS | Cushitic (Other) |
| CYM | Welsh |
| CZE | Czech |
| DAK | Dakota |

| Language Code | Description |
|----------------------|--------------------------------|
| DAN | Danish |
| DAR | Dargwa |
| DAY | Dayak (Land) Languages |
| DEL | Delaware |
| DEN | Slave (Athapascan) |
| DEU | German |
| DGR | Dogrib |
| DIN | Dinka |
| DIV | Divehi; Dhivehi; Maldivian |
| DOI | Dogri |
| DRA | Dravidian (Other) |
| DSB | Lower Sorbian |
| DUA | Duala |
| DUM | Dutch, Middle (ca. 1050–1350) |
| DUT | Dutch; Flemish |
| DYU | Dyula |
| DZO | Dzongkha |
| EFI | Efik |
| EGY | Egyptian (Ancient) |
| EKA | Ekajuk |
| ELL | Greek, Modern (1453-) |
| ELX | Elamite |
| ENG | English |
| ENM | English, Middle (1100-1500) |
| EPO | Esperanto |
| EST | Estonian |
| EUS | Basque |
| EWE | Ewe |
| EWO | Ewondo |
| FAN | Fang |
| FAO | Faroese |
| FAS | Persian |
| FAT | Fanti |
| FIJ | Fijian |
| FIL | Filipino; Pilipino |
| FIN | Finnish |
| FIU | Finno-Ugrian (Other) |
| FON | Fon |
| FRA | French |
| FRE | French |
| FRM | French, Middle (ca. 1400-1600) |
| FRO | French, Old (842-ca. 1400) |
| FRR | Frisian, Northern |
| FRS | Frisian, Eastern |
| FRY | Frisian, Western |
| FUL | Fulah |
| FUR | Friulian |
| GAA | Ga |
| GAY | Gayo |
| GBA | Gbaya |
| GEM | Germanic (Other) |
| GEO | Georgian |

| Language Code | Description |
|----------------------|--|
| GER | German |
| GEZ | Geez |
| GIL | Gilbertese |
| GLA | Gaelic; Scottish Gaelic |
| GLE | Irish |
| GLG | Galician |
| GLV | Manx |
| GMH | German, Middle High (ca.1050-1500) |
| GOH | German, Old High (ca. 750-1050) |
| GON | Gondi |
| GOR | Gorontalo |
| GOT | Gothic |
| GRB | Grebo |
| GRC | Greek, Ancient (to 1453) |
| GRE | Greek, Modern (1453-) |
| GRN | Guarani |
| GSW | Swiss German, Alemannic |
| GUJ | Gujarati |
| GWI | Gwich'in |
| HAI | Haida |
| HAT | Taitian; Haitian Creole |
| HAU | Hausa |
| HAW | Hawaiian |
| HEB | Hebrew |
| HER | Herero |
| HIL | Hiligaynon |
| HIM | Himigaynon |
| HIN | Hindi |
| HIT | Hittite |
| HMN | Hmong |
| HMO | Hiri Motu |
| HRV | Croatian |
| HSB | Sorbian (Upper) |
| HUN | Hungarian |
| HUP | Hupa |
| HYE | Armenian |
| IBA | Iban |
| IBO | Igbo |
| ICE | Icelandic |
| IDO | Ido |
| III | Sichuan Yi |
| IJO | Ijo Languages |
| IKU | Inuktitut |
| ILE | Interlingue |
| ILO | Iloko |
| INA | Interlingua (International Auxiliary Language Association) |
| INC | Indic (Other) |
| IND | Indonesian |
| INE | Indo-European (Other) |
| INH | Ingush |
| IPK | Inupiaq |
| IRA | Iranian (Other) |

| Language Code | Description |
|---------------|----------------------------------|
| IRO | Iroquoian Languages |
| ISL | Icelandic |
| ITA | Italian |
| JAV | Javanese |
| JBO | Lojban |
| JPN | Japanese |
| JPR | Judeo-Persian |
| JRB | Judeo-Arabic |
| KAA | Kara-Kalpak |
| KAB | Kabyle |
| KAC | Kachin; Jingpho |
| KAL | Greenlandic; Kalaallisut |
| KAM | Kamba |
| KAN | Kannada |
| KAR | Karen Languages |
| KAS | Kashmiri |
| KAT | Georgian |
| KAU | Kanuri |
| KAW | Kawi |
| KAZ | Kazakh |
| KBD | Kabardian |
| KHA | Khasi |
| KHI | Khoisan (Other) |
| KHM | Khmer (Central) |
| KHO | Khotanese |
| KIK | Kikuyu; Gikuyu |
| KIN | Kinyarwanda |
| KIR | Kirghiz; Kyrgyz |
| KMB | Kimbundu |
| KOK | Konkani |
| KOM | Komi |
| KON | Kongo |
| KOR | Korean |
| KOS | Kosraean |
| KPE | Kpelle |
| KRC | Karachay-Balkar |
| KRL | Karelian |
| KRO | Kru Languages |
| KRU | Kurukh |
| KUA | Kuanyama; Kwanyama |
| KUM | Kumyk |
| KUR | Kurdish |
| KUT | Kutenai |
| LAD | Ladino |
| LAH | Lahnda |
| LAM | Lamba |
| LAO | Lao |
| LAT | Latin |
| LAV | Latvian |
| LEZ | Lezghian |
| LIM | Limburgan; Limburger; Limburgish |
| LIN | Lithuanian |

| Language Code | Description |
|---------------|------------------------------|
| LOL | Mongo |
| LOZ | Lozi |
| LTZ | Luxembourgish; Letzeburgesch |
| LUA | Luba-Lulua |
| LUB | Luba-Katanga |
| LUG | Ganda |
| LUI | Luiseno |
| LUN | Lunda |
| LUO | Luo (Kenya and Tanzania) |
| LUS | Lushai |
| MAC | Macedonian |
| MAD | Madurese |
| MAG | Magahi |
| MAH | Marshallese |
| MAI | Maithili |
| MAK | Makasar |
| MAL | Malayalam |
| MAN | Mandingo |
| MAO | Maori |
| MAP | Austronesian (Other) |
| MAR | Marathi |
| MAS | Masai |
| MAY | Malay |
| MDF | Moksha |
| MDR | Mandar |
| MEN | Mende |
| MGA | Irish, Middle (900-1200) |
| MIC | Mi'kmaq; Micmac |
| MIG | Malagasy |
| MIN | Minangkabau |
| MIS | Uncoded Languages |
| MKD | Macedonian |
| MKH | Mon-Khmer (Other) |
| MLT | Maltese |
| MNC | Manchu |
| MNI | Manipuri |
| MNO | Manobo Languages |
| MOH | Mohawk |
| MOL | Moldavian |
| MON | Mongolian |
| MOS | Mossi |
| MRI | Maori |
| MSA | Malay |
| MUL | Multiple Languages |
| MUN | Munda Languages |
| MUS | Creek |
| MWL | Mirandese |
| MWR | Marwari |
| MYA | Burmese |
| MYA | Burmese |
| MYN | Mayan Languages |
| MYV | Erzya |

| Language Code | Description |
|---------------|--|
| NAH | Nahuatl Languages |
| NAI | North American Indian |
| NAP | Neapolitan |
| NAU | Nauru |
| NAV | Navajo; Navaho |
| NBL | Nddbele, South; South Ndebele |
| NDE | Ndebele, North; North Ndebele |
| NDO | Ndonga |
| NDS | Low German; Low Saxon; German, Low; Saxon, Low |
| NEP | Nepali |
| NEW | Nepal Bhasa; Newari |
| NIA | Nias |
| NIC | Niger-Kordofanian (Other) |
| NIU | Niuean |
| NLD | Dutch, Flemish |
| NNO | Norwegian Nynorsk; Nynorsk, Norwegian |
| NOB | Bokmål, Norwegian; Norwegian Bokmål |
| NOG | Nogai |
| NON | Norse, Old |
| NOR | Norwegian |
| NQO | N'Ko |
| NSO | Northern Sotho; Pedi; Sepedi |
| NUB | Nubian Languages |
| NWC | Nepal Bhasa, Classical; Classical Newari |
| NYA | Nyanja; Chichewa; Chewa |
| NYM | Nyamwezi |
| NYN | Nyankole |
| NYO | Nyoro |
| NZI | Nzima |
| OCI | Occitan (post 1500); Provençal |
| OJI | Ojibwa |
| ORI | Oriya |
| ORM | Oromo |
| OSA | Osage |
| OSS | Ossetian; Ossetic |
| OTA | Turkish, Ottoman (1500-1928) |
| OTO | Otomian Languages |
| PAA | Papuan (Other) |
| PAG | Pangasinan |
| PAL | Pahlavi |
| PAM | Pampanga |
| PAN | Panjabi; Punjabi |
| PAP | Papiamentu |
| PAU | Palauan |
| PEO | Persian, Old (ca. 600-400 B.C.) |
| PER | Persian |
| PHI | Philippine (Other) |
| PHN | Phoenician |
| PLI | Pali |
| POL | Polish |
| PON | Pohnpeian |
| POR | Portuguese |

| Language Code | Description |
|---------------|---------------------------------------|
| PRA | Prakrit Languages |
| PRO | Provençal, Old (to 1500) |
| PUS | Pushto |
| QAA | Reserved for Local Use |
| QTZ | Reserved for Local Use |
| QUE | Quechua |
| RAJ | Rajasthani |
| RAP | Rapanui |
| RAR | Rarotongan; Cook Islands Maori |
| ROA | Romance (Other) |
| ROH | Romansh |
| ROM | Romany |
| RON | Romanian |
| RUM | Romanian |
| RUN | Rundi |
| RUP | Aromanian, Arumanian; Macedo-Romanian |
| RUS | Russian |
| SAD | Sandawe |
| SAG | Sango |
| SAH | Yakut |
| SAI | South American Indian (Other) |
| SAL | Salishan Languages |
| SAM | Samaritan Aramaic |
| SAN | Sanskrit |
| SAS | Sasak |
| SAT | Santali |
| SCC | Serbian |
| SCN | Sicilian |
| SCO | Scots |
| SCR | Croatian |
| SEL | Selkup |
| SEM | Semitic (Other) |
| SGA | Irish, Old (to 900) |
| SGN | Sign Languages |
| SHN | Shan |
| SID | Sidamo |
| SIN | Sinhala; Sinhalese |
| SIO | Siouan Languages |
| SIT | Sino-Tibetan (Other) |
| SLA | Slavic (Other) |
| SLK | Slovak |
| SLO | Slovak |
| SLV | Slovenian |
| SMA | Southern Sami |
| SME | Northern Sami |
| SMI | Sami Languages (Other) |
| SMJ | Lule Sami |
| SMN | Inari Sami |
| SMO | Samoaan |
| SMS | Skolt Sami |
| SNA | Shona |
| SND | Sindhi |

| Language Code | Description |
|---------------|-----------------------|
| SNK | Soninke |
| SOG | Sogdian |
| SOM | Somali |
| SON | Songhai Languages |
| SOT | Sotho, Southern |
| SPA | Spanish, Castilian |
| SQI | Albanian |
| SQI | Albanian |
| SRD | Sardinian |
| SRN | Sranan Tongo |
| SRP | Serbian |
| SRR | Serer |
| SSA | Nilo-Saharan (Other) |
| SSW | Swati |
| SUK | Sukuma |
| SUN | Sundanese |
| SUS | Susu |
| SUX | Sumerian |
| SWA | Swahili |
| SWE | Swedish |
| SYC | Syriac, Classical |
| SYR | Syriac |
| TAH | Tahitian |
| TAI | Tai (Other) |
| TAM | Tamil |
| TAT | Tatar |
| TEL | Telugu |
| TEM | Timne |
| TER | Tereno |
| TET | Tetum |
| TGK | Tajik |
| TGL | Tagalog |
| THA | Thai |
| TIB | Tibetan |
| TIB | Tibetan |
| TIG | Tigre |
| TIR | Tigrinya |
| TIV | Tiv |
| TKL | Tokelau |
| TLH | TlhIngan-Hol; Klingon |
| TLI | Tlingit |
| TMH | Tamashek |
| TOG | Tonga (Nyasa) |
| TON | Tonga (Tonga Islands) |
| TPI | Tok Pisin |
| TSI | Tsimshian |
| TSN | Tswana |
| TSO | Tsonga |
| TUK | Turkmen |
| TUM | Tumbuka |
| TUP | Tupi Languages |
| TUR | Turkish |

| Language Code | Description |
|----------------------|--|
| TUT | Altaic (Other) |
| TVL | Tuvalu |
| TWI | Twi |
| TYV | Tuvinian |
| UDM | Udmurt |
| UGA | Ugaritic |
| UIG | Uighur; Uyghur |
| UKR | Ukrainian |
| UMB | Umbundu |
| UND | Undetermined |
| URD | Urdu |
| UZB | Uzbek |
| VAI | Vai |
| VEN | Venda |
| VIE | Vietnamese |
| VOL | Volapük |
| VOT | Votic |
| WAK | Wakashan Languages |
| WAL | Walamo |
| WAR | Waray |
| WAS | Washo |
| WEL | Welsh |
| WEN | Sorbian Languages |
| WLN | Walloon |
| WOL | Wolof |
| XAL | Kalmyk; Oirat |
| XHO | Xhosa |
| YAO | Yao |
| YAP | Yapese |
| YID | Yiddish |
| YOR | Yoruba |
| YPK | Yupik Languages |
| ZAP | Zapotec |
| ZEN | Zenaga |
| ZHA | Zhuang; Chuang |
| ZHO | Chinese |
| ZND | Zande languages |
| ZUL | Zulu |
| ZUN | Zuni |
| ZXX | No linguistic content |
| ZZA | Zaza; Dimili; Dimli; Kirdki; Kirmanjki; Zazaki |

Appendix J – Religious Affiliation Codes

| Code | Name |
|------|--|
| 01 | African Methodist Episcopal |
| 02 | Agnostic |
| 03 | Anglican |
| 04 | Apostolic Christian |
| 05 | Assemblies of God |
| 06 | Atheist |
| 07 | Baha'i Faith |
| 08 | Baptist |
| 09 | Baptist (Conservative) |
| 10 | Baptist (Other) |
| 11 | Baptist (Southern) |
| 12 | Buddhist |
| 13 | Campus Crusade for Christ |
| 14 | Catholic |
| 15 | Catholic (Greek) |
| 16 | Catholic (Other) |
| 17 | Catholic (Roman) |
| 18 | Christian |
| 19 | Christian (Disciples of Christ) |
| 20 | Christian (Other) |
| 21 | Christian Brethren (Plymouth Brethren) |
| 22 | Christian Reformed |
| 23 | Christian Science |
| 24 | Church of Christ |
| 25 | Church of God |
| 26 | Church of the Nazarene |
| 27 | Congregational |
| 28 | Coptic |
| 29 | Eastern Christian Orthodox |
| 30 | Episcopal |
| 31 | Evangelist |
| 32 | First Christian |
| 33 | Grace Reformed |
| 34 | Great Commission |
| 35 | Hindu |
| 36 | Interdenominational |
| 37 | Intervarsity Christian Fellowship |
| 38 | Jain |
| 39 | Jehovah's Witnesses |
| 40 | Jewish |
| 41 | Jewish (Conservative) |
| 42 | Jewish (Orthodox) |
| 43 | Jewish (Other) |
| 44 | Jewish (Reform) |
| 45 | Latter day Saint (Mormon) |
| 46 | Lutheran (Missouri Synod) |
| 47 | Lutheran (National Conference) |
| 48 | Lutheran (Unspecified) |
| 49 | Lutheran (Wisconsin) |

| | |
|----|---|
| 50 | Mennonite |
| 51 | Methodist |
| 52 | Muslim |
| 53 | Navigators |
| 54 | Non Christian (Other) |
| 55 | None |
| 56 | Other Religion |
| 57 | Pentecostal |
| 58 | Presbyterian |
| 59 | Presbyterian (Reformed) |
| 60 | Protestant |
| 61 | Protestant (Other) |
| 62 | Reorganized Latter day Saint |
| 63 | Seventh Day Adventist |
| 64 | Sikh |
| 65 | Society of Friends |
| 66 | Trinity Church |
| 67 | Unification |
| 68 | Unified Family |
| 69 | Unitarian Universalists |
| 70 | United Church |
| 71 | Wesleyan |
| 72 | World Wide Discipleship |
| ZZ | Not found in table. Free form name of religion to follow. |

Appendix K – XML Sample

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