

Implementation Guide
to the
Postsecondary Electronic Standards Council



XML Standard Format
for the
Student Transcript Acknowledgment
Version 1.1.0

September 15, 2011

Send corrections and comments to:

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Implementation Guide
Version 1.1.0 September 15, 2011**

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Introduction

For the higher education community to achieve the timely, uniform, accurate, and secure exchange of the academic records for current and previous postsecondary students, the Postsecondary Electronic Standards Council (PESC) developed and obtained approval for a standard format in eXtensible Markup Language (XML) for the Student Transcript Acknowledgment. This Implementation Guide describes the approved format for the electronic exchange of the acknowledgment of student transcript records and can help non-technical users to implement the electronic records exchange process.

Besides its obvious use for secondary and postsecondary educational institutions, this Guide should also be useful for software vendors and state and federal education agencies.

Educational institutions use high school and postsecondary transcripts to transmit current and historical student academic records to other educational institutions. When a student intends to transfer from one school to another school, it is essential that the student's academic record be made available to the receiving school as quickly as possible so that the receiving institution can make a faster admissions decision. In addition, the prompt transmission of the student's prior academic record allows the receiving institution to evaluate the record in a more timely fashion and thereby to advise the student on the applicability of past courses to current program requirements. It is also important for the school sending the electronic transcript to know that the student's academic record was, in fact, received by the new school or agency and that it was received in an accurate and complete manner.

This Implementation Guide is based on the PESC XML Student Transcript Acknowledgment Schema draft version 1.1.0. For the electronic exchange of these student records to be completely automated, it is essential that all users adhere strictly to the requirements of this Schema, and understand and also comply with the requirements outlined in this Guide.

Purpose of the Student Transcript Acknowledgment

The Student Transcript Acknowledgment record is used to ensure that

- a. The original transcript did, in fact, come from the proper office at the educational institution indicated as the sender or source, and
- b. Certain key elements of the student transcript were received as they were sent, and
- c. The sending institution of the original transcript will have proof that the transcript was received by the recipient institution or agency so that it can communicate the receipt and the date and time of the receipt to the student whose transcript was sent, and
- d. If a student transcript acknowledgment is received, and the institution indicated as the sending institution of the original transcript has no record that a student transcript was sent electronically, then the sending institution can initiate an inquiry to determine if a fraudulent transcript was sent on behalf of the student.

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Techniques for Use of the Student Transcript Acknowledgment

By Sender of Original Student Transcript: It is expected that each institution that sends an XML Student Transcript will also anticipate receiving an acknowledgment document. Therefore, when the Student Transcript Acknowledgment is received, it can automatically be compared with the transcript that was sent to insure that certain key pieces of information in the acknowledgment are identical to those in the original transcript sent. These key pieces of information are

- a. Tracking ID of the original transcript
- b. Name of student
- c. GPA sent in the first occurrence of the academic summary record in the first occurrence of the academic record. For the transcript, this is in Student.AcademicRecord.AcademicSummary
- d. Total number of all academic awards included in the original transcript for the student
- e. Total number of all academic courses included in the original transcript for the student.

Upon receipt of the Student Transcript Acknowledgment, the sending institution's computer will verify that the information (noted in a. – e. above) received, compares with what was originally sent in the transcript. Any discrepancies should be carefully rechecked and resolved. This may require personal contact with the other institution.

An important discrepancy would be in the event of receipt of a Student Transcript Acknowledgment that does not match any Student Transcript sent to that institution. In this case an immediate investigation should be launched to determine if a simple error was made by the sender or the receiver of the Student Transcript, or if a fraudulent transcript might have been received by the other institution.

In addition, most schools that sent the original transcript will also capture the date and time that the transcript was received by the destination institution and make this information available in its data system so it will also be available for the student involved. A follow-up system should also be developed for personal intervention if no transcript acknowledgment is received after a reasonable amount of time.

By Receiver of the Original Student Transcript: It is expected that each receiver of an XML Student Transcript will acknowledge the receipt to the original sender by use of this Student Transcript Acknowledgment schema. This process should be automated so that the creation of the acknowledgment schema will be as immediate as possible.

The simplest plan would be to copy:

- a. All the information (data elements and data) from the "Transmission. Source" complex data element in the original Student Transcript document and place it in the "Transmission. Destination" area of the Student Transcript Acknowledgment document; and
- b. All the information (data elements and data) from the "Transmission. Destination" complex data element in the original Student Transcript document and place it in the "Transmission. Source" area of the Student Transcript Acknowledgment document; and
- c. The "TransmissionData. DocumentID" in the original Student Transcript document and place it in the "TransmissionData. RequestTrackingID" of the Student Transcript Acknowledgment document; and

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- d. The “Student. Person. Name” complex data element from the original Student Transcript document and place it in “Person. Name” of the Student Transcript Acknowledgment document; and
- e. The first occurrence of “Student. AcademicRecord. AcademicSummary” from the original Student Transcript document and place it in the “Person. AcademicSummary” of the Student Transcript Acknowledgment document.

Then, count the number of occurrences of “Student. AcademicRecord. AcademicAward” plus the number of occurrences of “Student. AcademicRecord. AcademicSession. AcademicAward” in the original Student Transcript document and place that number in “TotalAcademicAwards” of the Student Transcript Acknowledgment document.

Then, count the number of occurrences of “Student. AcademicRecord. Course” plus the number of occurrences of “Student. AcademicRecord. AcademicSession. Course” in the original Student Transcript document and place that number in “TotalCourses” of the Student Transcript Acknowledgment document.

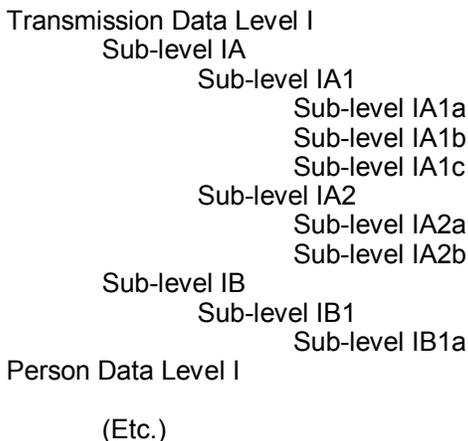
Finally, complete the remaining data elements in the “TransmissionData” complex data element.

Organization and Format

The schema for the Student Transcript Acknowledgment is made up of six main parts:

- 1. Transmission Data
- 2. Person
- 3. Academic Summary
- 4. Academic Award Total
- 5. Course Total
- 6. Note Message

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

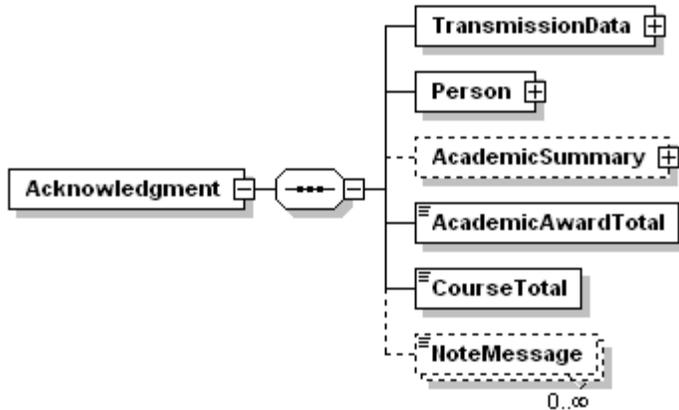


The heading at the top of each page for each level and sub-level indicates the position of the subsequent diagram in the larger Schema. Following the heading, the diagram serves to illustrate its relationship with the preceding branch. All diagrams in this Guide were copied from a graphical representation of the Student Transcript Acknowledgment Schema using a software package from Altova Corporation called XMLSpy.

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Example:



The boxes in the diagrams can illustrate two separate components of the Schema: first, certain boxes show data element groupings which branch out to form either lower-level element groupings, or the Schema's other primary component, the fields that contain actual data. 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 connected to the right in the diagram are required fields and a dotted line indicates the fields connected to 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 the repeatability of a field or data element. 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 instance document, 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.

Under each diagram, a table will appear 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 Student Transcript Acknowledgment with real data for an actual student record that was received.) 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 transcript will normally be rejected by the computer program (XML Parser) of the receiving institution or agency. 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 Student Transcript Acknowledgment Schema, standards of good practice as defined by the Academic Record and Transcript Guide of the American Association of Collegiate Registrars and Admissions Officers (AACRAO), and generally recommended practices for exchanging electronic transcripts. Reaching

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consensus on the recommended use of data elements and fields was an additional task for the PESC Student Transcript Acknowledgment 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 school, 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.

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 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. 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 the Student Transcript Acknowledgment. In these cases, the recommended use may be designated as “Not Recommended.”

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.

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

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“**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, “minLength” and “maxLength” will not be indicated and are not appropriate.

“**DateTime**” always uses the same format: ccyymmddThh: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 “minLength” and “maxLength” 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 Illustration: 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 D shows an example of an XML instance document for a student transcript acknowledgment. This example is not intended to match the Code Illustrations throughout the Guide, since a typical Student Transcript Acknowledgment 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.

Order of Including Data Elements: Although the Schema includes many optional data elements and you may choose not to include them in an instance document, if you do include data elements, they must appear in the same order they appear in the Schema.

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

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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.

In general, the use of NoteMessage is recommended to exchange smaller, uncomplicated data pertaining to a state or province, while UserDefinedExtensions should be reserved for much more complicated amounts of structured data.

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 might 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 UDE standards.

Example Code:

```
<UserDefinedExtensions>  
  <YearTerm>20042</YearTerm>  
  <CourseAbbrev>ENG</CourseAbbrev>  
  <CourseNumb>0114</CourseNumb>  
  <SectNumb>02</SectNumb>  
</UserDefinedExtensions>
```

Please reference Excerpt from PESC Guidelines for XML Architecture and Data Modeling Version 3.0 on the PESC web site at www.pesc.org for a full explanation on the usage of user-defined extensions.

Development History and Acknowledgments

The American Association of Collegiate Registrars and Admissions Officers (AACRAO) Committee on the Standardization of Postsecondary Education Electronic Data Exchange (SPEEDE) began working on a national standard format for the electronic exchange of postsecondary student records in 1989. Initially the work of the committee was funded by AACRAO. At about the same time, the US Department of Education's

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National Center for Education Statistics (NCES) began developing a national standard format for the electronic exchange of student records for kindergarten through high school students. The K12 community was primarily represented by the Council of Chief State School Officers (CCSSO). To gain more credibility in the creation and widespread adoption of the standards, the two groups (AACRAO and NCES) approached the American National Standards Institute's (ANSI) Accredited Standards Committee (ASC) X12 for assistance in developing and approving the two standard formats.

ASC X12 reviewed the two proposals and insisted that only one standard be developed and approved. That standard would be the Pre-Kindergarten through Postsecondary Education Student Record. At that time, NCES decided to fund the travel of the AACRAO SPEEDE Committee as well as those working on the K-12 standard. The ASC X12 Standard in the Electronic Data Interchange (EDI) format was approved in the early 1990's as ANSI ASC X12 Transaction Set 130 for the Student Educational Record (Transcript).

Once the EDI format for the Student Transcript was approved by ANSI ASC X12, work began to develop the Student Educational Record (Transcript) Acknowledgment. This standard was later approved as EDI Transaction Set 131 (TS131).

During this time period (before the Internet was widely available), the format stressed the transmission of as much data as possible using the fewest characters. This emphasis emerged because transmission costs were based on the number of characters or bytes being sent over the Value Added Electronic Networks (VANs).

The ANSI ASC X12 EDI Standard is now in use by a significant number of postsecondary institutions in the United States and Canada. Approximately 600,000 postsecondary transcripts are exchanged electronically in the EDI format through the University of Texas at Austin Internet Server in the ASC X12 EDI format each year. At the secondary level, Florida schools exchange a significant number of electronic high school transcripts, because the state mandates the exchange in its proprietary format. Iowa and Maryland also have significant volumes of electronic exchange.

The number of transcripts exchanged electronically in the ASC X12 EDI format grows significantly each year. However, the education community felt that an alternative format should be explored. In the view of many, the perceived complexity of implementing the EDI standards was one of the reasons that more schools did not use the EDI format.

The Postsecondary Electronic Standards Council (PESC) commissioned this exploration by creating the XML Forum (now known as the Standards Forum). The Forum sought to determine if an XML format might result in significantly increased electronic exchange of high school student educational records. The wide and relatively inexpensive availability of XML software tools and the already existing and pervasive use of XML by many schools' information technology staffs made the XML process appear to have a much better chance of rapid acceptance and implementation by both secondary and postsecondary educational institutions.

The early efforts of the XML Forum emphasized the creation of standard reusable core components. Once the Forum made significant progress with this work, PESC agreed to develop an XML Standard Format for the College Transcript to demonstrate that this could be done.

Bruce Marton from the University of Texas at Austin led this effort and received the bulk of his support from the AACRAO SPEEDE Committee that had developed the earlier EDI standard. PESC approved the XML standard for the College Transcript in May 2004.

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The approval of the XML College Transcript generated considerable interest in the creation of an XML High School Transcript. Bruce Marton reviewed the ANSI ASC X12 EDI version of the transcript, which included both the College Transcript and the High School Transcript and noted many similarities.

Under Bruce's leadership, the AACRAO SPEEDE Committee created a very rough draft of a proposed instance document for an XML High School Transcript in late summer of 2004. A Workgroup was appointed to discuss and develop the proposed schema and this Workgroup completed its work on a proposed schema in late 2005. This proposal was submitted to the PESC Change Control Board (CCB) in early April 2006 and the CCB approved it later that month. It was approved as a PESC Standard in June 2006.

The AACRAO SPEEDE Committee began developing a draft XML schema for a Student Transcript Acknowledgment in October 2005. The need for, and uses of, this schema were pointed out above. A sample of a Student Transcript Acknowledgment instance document is outlined in Appendix D.

This current Implementation Guide is based on Version 1.1.0 of the Student Transcript Acknowledgment Schema and is based on Version 1.10.0 of the Core Main Schema and on Version 1.6.0 of the Academic Record Sector Library Schema.

About Versions

The first digit of the version indicates a major change to the schema. A change in the first digit indicates that the newer schema is not backwardly compatible with earlier versions. A change in the second digit indicates a minor change to the schema. A change in the second digit (and not the first digit) indicates that the newer schema is backwardly compatible with the previous version.

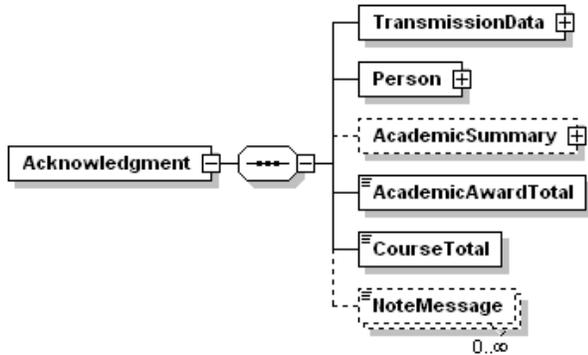
A minor change means that a receiving school that has upgraded to, for example, version 1.1.0 can continue to receive and process any instance document that used version 1.1.0 or earlier. However, a school still using version 1.0.0 would only be able to receive and process instance documents using version 1.1.0 if the instance document did not contain any occurrences of the new data elements, or any new values of existing data elements.

A change in the third digit only indicates a micro change from the previous schema and it is compatible with the previous version. If no change is made to the schema, but only one or more changes to the documentation, e.g., the Implementation Guide, then an alpha suffix will be used to denote a documentation change only. A more complete and detailed list of changes made to the schema from Version 1.0.0 to this version (1.1.0) is included in Appendix E.

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Student Transcript Acknowledgment



Tag Name	Schema Use	Description	Recommended Use	Format
TransmissionData	Required	Routing and header information	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded and explained more fully on page 3 of this document.				
Person	Required	Body of document which identifies the person (student) whose transcript was received and that receipt is now being acknowledged	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded and explained more fully on page 42 of this document.				
AcademicSummary	Optional	Provides the overall academic GPA for the student transcript being acknowledged.	Recommended	minOcc 0 maxOcc 1
Comment: In the original transcript received and now being acknowledged, there are two occurrences of Academic Summary. The one referenced and included here is the first occurrence which typically provides the summary for the entire record. Regardless, this is the academic summary found in the original transcript at Student.AcademicRecord.AcademicSummary. It is recommended that the original student transcript document include the cumulative summary record in this position and then also include this same Academic Summary record in the Acknowledgment document. This complex data element will be expanded and explained more fully on page 50 of this document.				
AcademicAwardTotal	Required	The total number of academic awards reported on the original student transcript being acknowledged	Required	minOcc 1 maxOcc 1 minValue 0 maxValue 9999
Comment: This is a number which totals all of the occurrences of the "AcademicAward" which appear in the original transcript being acknowledged. It is the total of the awards included in "Student.AcademicRecord.AcademicAward" as well as "Student.AcademicRecord.AcademicSession.AcademicAward". Although it would not be appropriate to include the same award in both places, if the original transmission of the transcript included it twice, it would also be counted twice in the Acknowledgment.				
CourseTotal	Required	The total number of academic courses reported on the original student transcript being acknowledged	Required	minOcc 1 maxOcc 1 minValue 0 maxValue 9999
Comment: This is a number which totals all of the occurrences of the data element "Course" which appear in the original transcript being acknowledged. It is the total of the courses included in "Student.AcademicRecord.Course" as well as "Student.AcademicRecord.AcademicSession.Course". Although it would not be appropriate to include the same course in both places, if the original transmission of the transcript included it twice, it would also be counted twice in the Student Transcript Acknowledgment.				
NoteMessage	Optional Repeatable	Additional information about transcript acknowledgment	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

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Student Transcript Acknowledgment (Continued)

Code illustration:

```
<TrnAck:TranscriptAcknowledgment
  XMLns:HSTrn="urn:org: pesc: message: TranscriptAcknowledgment: v1.1.0"
  XMLns:AcRec="urn:org: pesc: sector: AcademicRecord: v1.6.0"
  XMLns:core="urn:org: pesc: core: CoreMain: v1.10.0"
  XMLns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi: schemaLocation="urn:org: pesc: message:
  TranscriptAcknowledgment: v1.1.0
  /TranscriptAcknowledgment_ v1.1.0.xsd">
  <TransmissionData>

    </TransmissionData>
    <Person>

      </Person>
      <AcademicSummary>

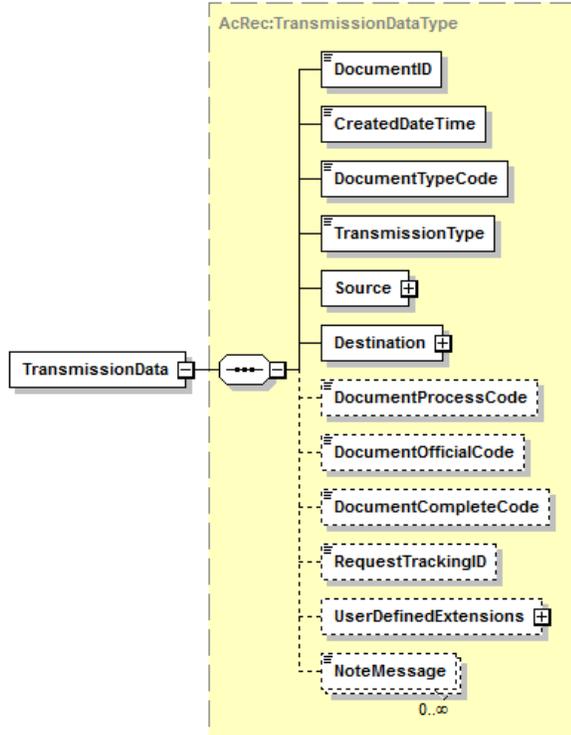
        </AcademicSummary>
        <AcademicAwardTotal>1</AcademicAwardTotal>
        <CourseTotal>32</CourseTotal>
        <NoteMessage/>

    </TrnAck: TranscriptAcknowledgment>
```

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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 minLength 1 maxLength 35
<i>Comment: All this information is for the student transcript acknowledgment document being returned as a result of the receipt of a student high school or college transcript.</i>				
CreatedDateTime	Required	The Date and Time stamp when this acknowledgment document was created	Required	minOcc 1 maxOcc 1 xs:datetime ccyy-mm-ddThh:ii:ss{+GMT}
<i>Comment: All this information is for the student transcript acknowledgment being returned as a result of the receipt of a student high school or college transcript.</i>				
DocumentTypeCode	Required	Type and purpose of document being transmitted	Required	minOcc 1 maxOcc 1 Enumeration: Change TermEnroll TermGrade StudentRequest RequestedRecord InstitutionRequest ThirdPartyRequest TranscriptAcknowledgment

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Tag Name	Schema Use	Description	Recommended Use	Format
Comment: The appropriate value here would be "TranscriptAcknowledgment".				
TransmissionType	Required	The nature of the Transmission	Required	minOcc 1 maxOcc 1 Enumeration: Original Replace Duplicate Resubmission Reissue MutuallyDefined
Comment: The value to be used when a student transcript was received and is now being acknowledged is "Original".				
Source	Required	This field is required and it is essential to indicate the source of the Student Transcript Acknowledgment being sent. It is college or agency that received the original transcript and is typically a copy of the "Destination" in the transcript being acknowledged.	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded and explained more fully on page 6 of this document.				
Destination	Required	This field is required and it is essential to indicate the destination of the Student Transcript Acknowledgment which should be a copy of the source complex data element of the student transcript being acknowledged.	Required	minOcc 1 maxOcc 1
Comment: This complex data element will be expanded and explained more fully on page 25 of this document.				
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 or testing purposes but may not be binding.	Required if Unofficial; "Official" implied, not recommended	minOcc 0 maxOcc 1 Enumeration: Official Unofficial
Comment: It is always assumed that the electronic Student Transcript Acknowledgment is Official. If for whatever reason, the Acknowledgment is not official (which would be very unusual), then the value "Unofficial" would be sent. Otherwise, this data element would not normally be included in the Acknowledgment document.				
DocumentCompleteCode	Optional	This element indicates whether the document conveys a complete record.	Required if not complete; "Complete" is implied, not recommended	minOcc 0 maxOcc 1 Enumeration: Partial Complete
Comment: It would be very unusual to send a partial acknowledgment. Therefore, this transmission is assumed to be complete, and this data element would not normally be included in the instance document.				
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 minLength 1 maxLength 35

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Tag Name	Schema Use	Description	Recommended Use	Format
<i>Comment: The value to be included in this data element is the DocumentID received with the original high school or college transcript whose receipt is being acknowledged.</i>				
UserDefinedExtensions	Optional	Additional structured information. Requires mutually defined XML schema.	Not Recommended	minOcc 0 maxOcc 1
NoteMessage	Optional Repeatable	Additional information about transmission	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code illustration:

```

<TransmissionData>
  <DocumentID>20061234567</DocumentID>
  <CreatedDateTime>2006-02-04T09:30:47-05:00</CreatedDateTime>
  <DocumentTypeCode>TranscriptAcknowledgment</DocumentTypeCode>
  <TransmissionType>Original</TransmissionType>
  <Source>

  </Source>
  <Destination>

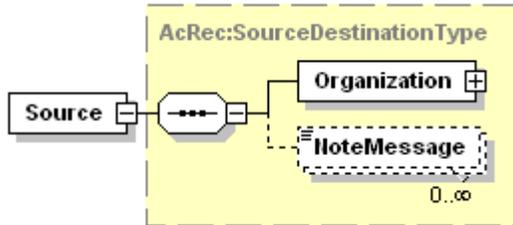
  </Destination>
  <DocumentProcessCode/>
  <DocumentOfficialCode/>
  <DocumentCompleteCode/>
  <RequestTrackingID>20060012345</RequestTrackingID>
  <UserDefinedExtensions/>
  <NoteMessage/>
</TransmissionData>

```

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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
Comment: This is the information about the postsecondary institution or agency that is acknowledging the receipt of a student transcript. This complex data element will be expanded and explained more fully on page 7 of this document.				
NoteMessage	Optional Repeatable	Additional information about Organization	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This gives information about the institution or agency that is acknowledging the receipt of a student high school or college transcript.				

Code illustration:

```

<Source>
  <Organization>

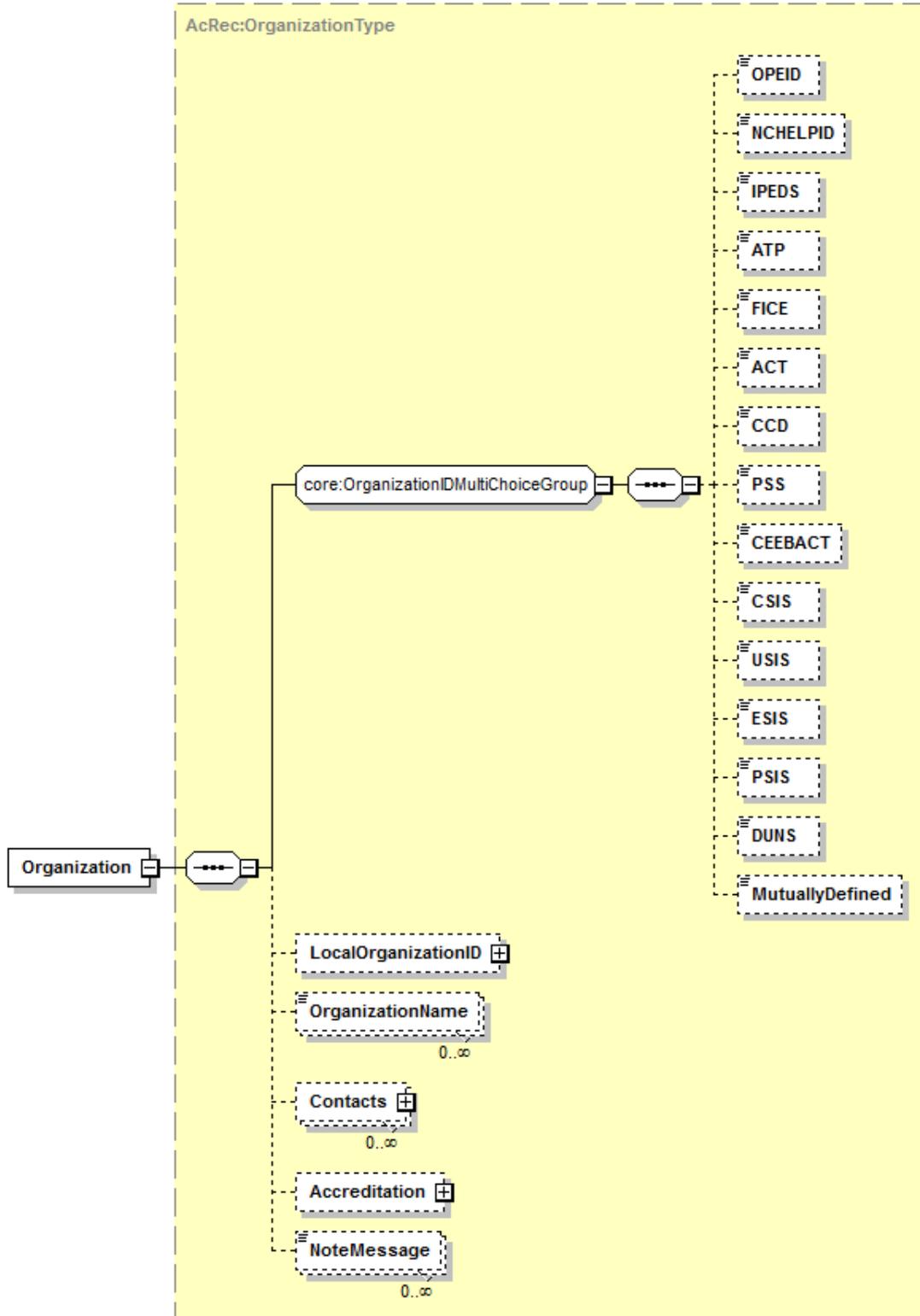
  </Organization>
  <NoteMessage/>
</Source>

```

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TransmissionData.Source.Organization



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TransmissionData.Source.Organization (Continued)

Tag Name	Schema Use	Description	Recommended Use	Format
[OrganizationIDGroup]	Optional	Allowable Organization IDs - Exclusive choice	Required	minOcc 1 maxOcc ∞
Comment: [OrganizationIDMultiChoiceGroup] is not an XML tag and does not appear in an instance document. It allows the choice of one or more of the following code set tags to identify the institution or organization. It is important, if more than one of the identifying codes is used, that they be in the same order as they appear in the schema.				
OPEID	Optional choice	The unique identifier assigned by the Office of Postsecondary Education for each data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 3 maxLength 8
NCHELPID	Optional choice	The unique identifier assigned by National Council on Higher Education Loan Programs for each data exchange partner.	Not Recommended	minOcc 0 maxOcc 1 minLength 3 maxLength 8
Comment: The NCHELPID would not normally be an appropriate choice in this case, since neither high school nor college transcripts are normally generated by the financial aid world.				
IPEDS	Optional choice	The unique identifier for Integrated Postsecondary Education Data System assigned by the National Center for Education Statistics for each postsecondary data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 6 maxLength 6
ATP	Optional choice	The unique identifier for the Admissions Testing Program assigned by the College Board for each data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 6 maxLength 6
FICE	Optional 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.	Recommended choice	minOcc 0 maxOcc 1 minLength 6 maxLength 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.				
ACT	Optional choice	The unique identifier for postsecondary educational institutions assigned by American College Testing available at www.act.org	Recommended choice	minOcc 0 maxOcc 1 minLength 4 maxLength 4
CCD	Optional choice	The unique identifier assigned by National Center for Education Statistics as the Common Core of Data for each data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 12 maxLength 12
PSS	Optional choice	The unique identifier assigned by the US Department of Education's National Center for Education Statistics for private K12 schools in the US.	Recommended choice	minOcc 0 maxOcc 1 minLength 8 maxLength 8
CEEBACT	Optional choice	The unique identifier assigned by the College Entrance Examining Board and ACT for each K-12 data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 6 maxLength 6

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CSIS	Optional 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 minLength 6 maxLength 6
Comment: Since this code set has been used to identify colleges in Canada, it is not a recommended choice for postsecondary schools in the United States. This code set has been replaced by a new code set (PSIS) included below.				
USIS	Optional 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 minLength 6 maxLength 6
Comment: Since this code set has been used to identify colleges in Canada, it is not a recommended choice for postsecondary schools in the United States. This code set has been replaced by a new code set (PSIS) included below.				
ESIS	Optional 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 minLength 8 maxLength 8
Comment: Since this code set has been used to identify colleges in Canada, it is not a recommended choice for postsecondary schools in the United States. This code set has been replaced by a new code set (PSIS) included below.				
PSIS	Optional choice	The unique identifier assigned by the Statistics Canada Postsecondary Student Information System for each data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: The PSIS number would not be a normal choice to identify the sending postsecondary school that created a transcript in the United States. However, it would be used to identify a postsecondary school in Canada.				
DUNS	Optional choice	Data Universal Numbering System (DUNS), unique nine character company identification number issued by Dun and Bradstreet Corporation.	Not Recommended	minOcc 0 maxOcc 1 minLength 9 maxLength 9
Comment: The DUNS number would not be a normal choice to identify the sending school that created a Postsecondary Transcript.				
MutuallyDefined	Optional choice	This code set could be used by a selected set of trading partners if none of the other above code sets is appropriate.	Optional choice	minOcc 0 maxOcc 1 minLength 1 maxLength 60
Comment: If a Student Transcript is being sent by a school or agency that does not have a valid code in one of the other above code sets, and if that code and code set are recognized by the recipient, then this code set might be used for a set of limited exchange partners within a geographic region or used by customers of the same vendor.				
Comment: End of OrganizationIDGroup choice set tags. One of the above values must be included and it should be the one that was received in the TransmissionData.Destination portion of the original student transcript document.				
LocalOrganizationID	Optional	A code set typically used by a state, province or region to further identify the sending school.	Optional	minOcc 0 maxOcc 1
Comment: This complex data element will be expanded and explained more fully on page 11 of this document.				
OrganizationName	Optional Repeatable	Name of Non-person entity such as Organization, Institution, Agency or Business.	Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 60
Comment: This is the name of the college or agency sending the student transcript acknowledgment.				
Contacts	Optional Repeatable	To identify a person or an office at the sending school to which administrative communications should be directed	Recommended	minOcc 0 maxOcc ∞

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Comment: This complex data element will be expanded and explained more fully on page 12 of this document.				
Accreditation	Optional	To provide information about the accreditation that has been awarded to the sending school.	Not Recommended	minOcc 0 maxOcc 1
Comment: This complex data element will be further explained and expanded on page 23 which follows. While this information may be appropriate for the school sending the student transcript, it would not normally be included in the Transcript Acknowledgment.				
NoteMessage	Optional Repeatable	Additional information about the organization	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This entire section for the source organization of the Student Transcript Acknowledgment should just be copied completely from the destination organization of the original transcript being acknowledged.				

Code illustration:

```

<Organization>
  <ATP>006882</ATP>
  <FICE>654321</FICE>
  <ACT>1234</ACT>
  <LocalOrganizationID>

  </LocalOrganizationID>
  <OrganizationName>THE UNIVERSITY OF TEXAS AT AUSTIN</OrganizationName>
  <Contacts>

  </Contacts>
  <Accreditation>

  </Accreditation>
  <NoteMessage/>
</Organization>

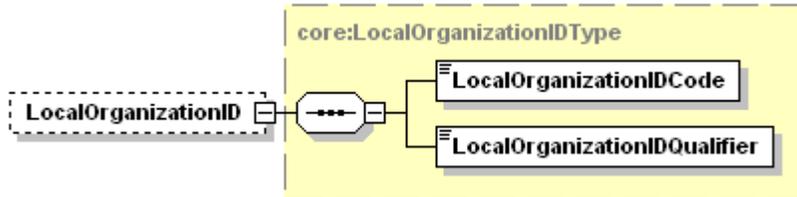
```

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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 send both *LocalOrganizationIDCode* and *LocalOrganizationIDQualifier*.



Tag Name	Schema Use	Description	Recommended Use	Format
LocalOrganizationIDCode	Required	The code assigned for the sending school or agency by the state, province or other mutually defined agency specified in the LocalIDQualifier that follows.	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 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 ID Code above.	Required	minOcc 1 maxOcc 1 Enumeration: See Code Set in 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.				
Comment: This entire section pertains to the college or agency that received the original student transcript. It should mirror the same section, if any, that was received with the original transcript being acknowledged. If it was not included in the original transcript for the destination of the transcript, it should not be included here.				

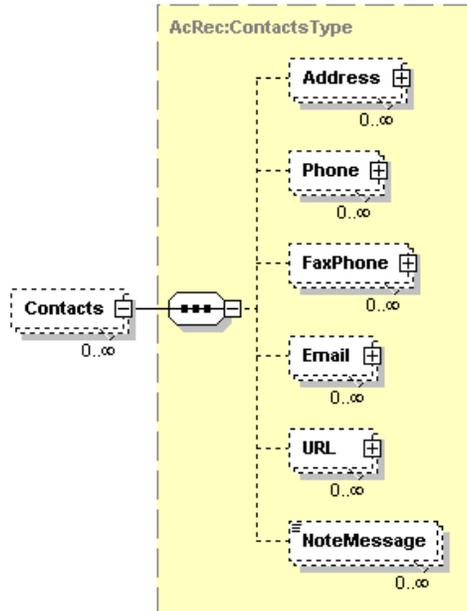
Code illustration:

```
<LocalOrganizationID>
  <LocalOrganizationIDCode>012587</LocalOrganizationIDCode>
  <LocalOrganizationIDQualifier>TX</LocalOrganizationIDQualifier>
</LocalOrganizationID>
```

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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	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 14 of this document.				
Phone	Optional Repeatable	Phone number of source institution contact	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 17 of this document.				
FaxPhone	Optional Repeatable	Fax phone number of source institution contact	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded on page 19 which follows.				
Email	Optional Repeatable	Email address of source institution contact	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 21 of this document.				
URL	Optional Repeatable	The Uniform Resource Locator of source institution	Optional	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 22 of this document.				
NoteMessage	Optional Repeatable	Additional information about the contacts at the source institution	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This should be a copy of the contact information that was received in the original student transcript document for the transmission data destination. Although it is possible for the sender of the Student Transcript Acknowledgment document to include more up to date info in this area, it is recommended that no changes be made to this contact information that was received with the original student transcript.				

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TransmissionData.Source.Organization.Contacts (Continued)

Code illustration:

```
<Contacts>
  <Address>

  </Address>
  <Phone>

  </Phone>
  <FaxPhone>

  </FaxPhone>
  <Email>

  </Email>
  <URL>

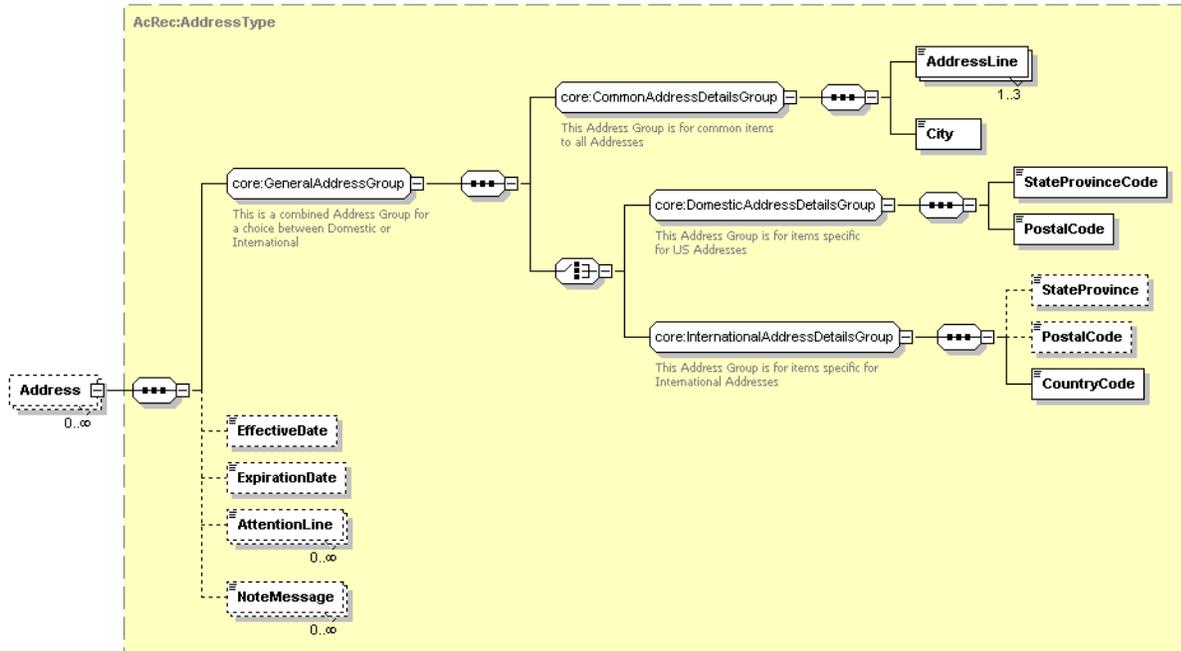
  </URL>
  <NoteMessage/>
</Contacts>
```

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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 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> 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 transcript, 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 college or agency that is acknowledging the receipt of the transcript.	Required	minOcc 1 maxOcc 3 minLength 1 maxLength 40

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Tag Name	Schema Use	Description	Recommended Use	Format
City	Required	The city portion of the Address of a Contact at the college or agency that is acknowledging the receipt of the transcript.	Required	minOcc 1 maxOcc 1 minLength 2 maxLength 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
PostalCode	Required	The postal code portion of the Address.	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 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: [<i>InternationalAddressDetailsGroup</i>] 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 minLength 2 maxLength 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 minLength 1 maxLength 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
EffectiveDate	Optional	The date when this address for the source institution became or will become valid	Optional	minOcc 0 maxOcc 1 Format is xs:date or ccyy-mm-dd
ExpirationDate	Optional	The date when this address for the source institution will or did become no longer valid	Optional	minOcc 0 maxOcc 1 Format is xs:date or ccyy-mm-dd

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AttentionLine	Optional	The individual or office name within the postal address where inquiries should be directed.	Optional	minOcc 1 maxOcc ∞ minLength 1 maxLength 45
Comment: This might be used to indicate where questions about the record should be sent. For example, Registrar, Director of Admissions, or Agency Head,				
NoteMessage	Optional Repeatable	Additional information about the addresses of the contacts at the source school	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This entire section would normally be created by the sender of this acknowledgment by copying the corresponding complex data element in the TransmissionData.Destination.Organization.Contacts.Address portion of the original student transcript being acknowledged.				

Code illustration 1 (Domestic Address):

```

<Address>
  <AddressLine> 1 University Station Stop</AddressLine>
  <City>Austin</City>
  <StateProvinceCode>TX</StateProvinceCode>
  <PostalCode>78712</PostalCode>
  <EffectiveDate/>
  <ExpirationDate/>
  <AttentionLine>Janet Doe</AttentionLine>
  <AttentionLine>Admissions Officer</AttentionLine>
  <NoteMessage/>
</Address>

```

Code illustration 2 (International Address):

```

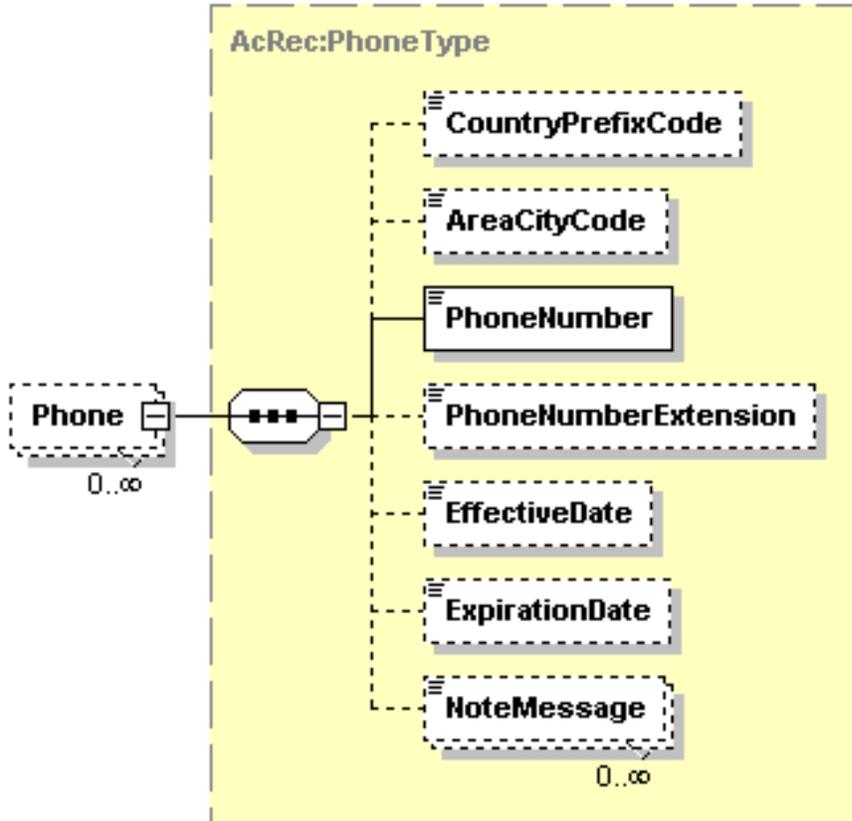
<Address>
  <AddressLine>Altova Corporation</AddressLine>
  <AddressLine>Rudolfsplatz 13a/9</AddressLine>
  <City>Wien</City>
  <StateProvince/>
  <PostalCode>A-1010</PostalCode>
  <CountryCode>AT</CountryCode>
  <EffectiveDate/>
  <ExpirationDate/>
  <NoteMessage/>
</Address>

```

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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 Institution, then you must send a phone number.



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TransmissionData.Source.Organization.Contacts.Phone (Continued)

Tag Name	Schema Use	Description	Recommended Use	Format
CountryPrefixCode	Optional	International dialing code	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 3
AreaCityCode	Optional	Regional dialing code	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 5
PhoneNumber	Required	Telephone number	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 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 minLength 1 maxLength 5
EffectiveDate	Optional	The date when this phone for the sending or source school or agency will or did become valid	Optional	minOcc 0 maxOcc 1 xs:Date or ccyy-mm-dd
ExpirationDate	Optional	The date when this phone for the sending or source school or agency will or was no longer valid	Optional	minOcc 0 maxOcc 1 xs:Date or ccyy-mm-dd
NoteMessage	Optional Repeatable	Additional information about the phone number of the contact at the source institution	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
<i>Comment: This entire section need not be included if it was not included in the destination portion of the original transcript being acknowledged as received by the institution or agency sending this acknowledgment.</i>				

Code illustration:

```

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

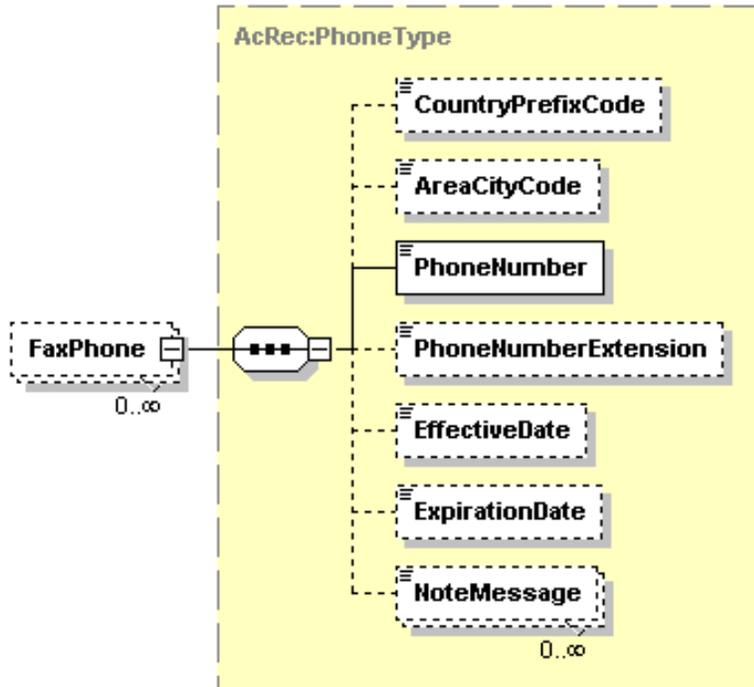
<Phone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>4747935</PhoneNumber>
  <PhoneNumberExtension/>
  <NoteMessage>Fax</NoteMessage>
</Phone>

```

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TransmissionData.Source.Organization.Contacts.FaxPhone

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



Tag Name	Schema Use	Description	Recommended Use	Format
CountryPrefixCode	Optional	International dialing code	Optional within the US	minOcc 0 maxOcc 1 minLength 1 maxLength 3
Comment: For fax phones in the US, the CountryPrefixCode has a value of "1" or "001". If the transcript is being sent to an entity in the US, it is not necessary to include this data element.				
AreaCityCode	Optional	Regional dialing code or area code	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 5
PhoneNumber	Required	Telephone number	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 11
Comment: The phone number will typically be sent as a string of numbers with no spaces, periods or dashes.				
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 minLength 1 maxLength 5
EffectiveDate	Optional	The date when this fax phone for the sending or source school or agency will or did become valid	Optional	minOcc 0 maxOcc 1 xs:date or ccyy-mm-dd

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Tag Name	Schema Use	Description	Recommended Use	Format
ExpirationDate	Optional	The date when this fax phone for the sending or source school or agency will or was no longer valid	Optional	minOcc 0 maxOcc 1 xs>Date or ccyy-mm-dd
NoteMessage	Optional Repeatable	Additional information about the fax phone number of the contact at the source institution	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code illustration:

```

<FaxPhone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>4142505</PhoneNumber>
  <PhoneNumberExtension/>
  <EffectiveDate/>
  <ExpirationDate/>
  <NoteMessage/>
</FaxPhone>

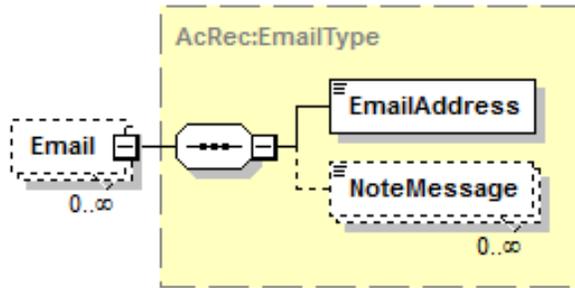
```

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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 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 minLength 1 maxLength 128
NoteMessage	Optional Repeatable	Additional information about the email address of the contact at the sending high school	Not recommended	minOcc 0 maxOc ∞ minLength 1 maxLength 80

Comment: This entire section need not be included if it was not included in the destination portion of the original transcript being acknowledged as received by the institution or agency sending this acknowledgment.

Code illustration:

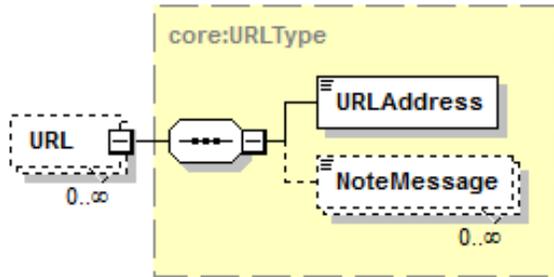
```
<Email>
  <EmailAddress>registrar@austin.utexas.edu</EmailAddress>
  <NoteMessage/>
</Email>
```

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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 Sending 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 sending high school or of a contact at the sending high school	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 512
NoteMessage	Optional Repeatable	Additional information about the URL address of the source institution	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Comment: This entire section need not be included if it was not included in the destination portion of the original transcript being acknowledged as received by the institution or agency sending this acknowledgment.

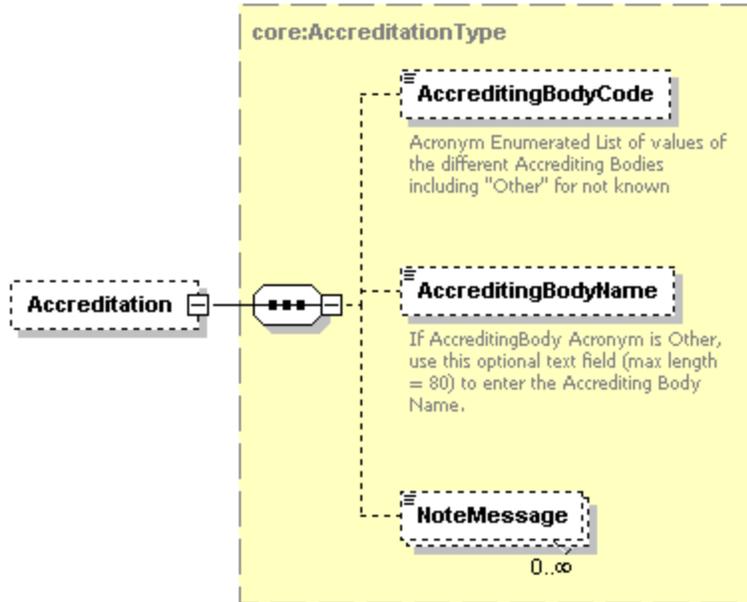
Code illustration:

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

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TransmissionData.Source.Organization.Accreditation



Tag Name	Schema Use	Description	Recommended Use	Format
AccreditingBodyCode	Optional	This is the acronym for the regional or other accrediting body that has given accreditation to the school sending the college transcript	Optional	minOcc 0 maxOcc 1 Enumerations: MSA NCA-HLC NCA-CASI NEASC-CIHE NEASC-CTCI NWCCU SACS WASC-ACCJC WASC-ACSCU Other

Comment: This is information that might accompany a paper transcript, either on the reverse side of a page of paper, or attached to it. The accrediting bodies are

MSA – Middle States Association of Colleges and Schools, Commission on Higher Education

NCA-HLC – North Central Association of Colleges and Schools, Higher Learning Commission

NCA-CASI – North Central Association of Colleges and Schools, Commission on Accreditation and School Improvement, Board of Trustees

NEASC-CIHE – New England Association of Schools and Colleges, Inc., Commission on Institutions of Higher Education

NEASC-CTCI – New England Association of Schools and Colleges, Inc., Commission on Technical and Career Institutions

NWCCU – Northwest Commission on Colleges and Universities

SACS – Southern Association of Colleges and Schools, Commission on Colleges

WASC-ACCJC – Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges

WASC-ACSCU – Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Universities

Other – Other accrediting bodies not shown above

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Tag Name	Schema Use	Description	Recommended Use	Format
AccreditingBodyName	Optional	The name of the accrediting body.	Optional	minOcc 0 maxOc 1 minLength 1 maxLength 80
Comment: This is the specific name of the accrediting body. It would only be important to include it, if the enumerated value of "Other" were used in the data element "AccreditingBodyCode".				
NoteMessage	Optional Repeatable	Additional information about the accreditation of the sending high school	Not recommended	minOcc 0 maxOc ∞ minLength 1 maxLength 80

Code illustration:

```

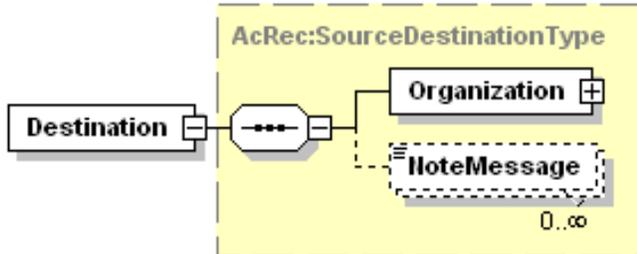
<Accreditation>
  <AccreditingBodyCode>SACS</AccreditingBodyCode>
  <AccreditingBodyName>Southern Association of Colleges and Schools</AccreditingBodyName>
  <NoteMessage/>
</Accreditation>

```

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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
Comment: This complex data element will be expanded and explained more fully on page 26 of this document.				
NoteMessage	Optional Repeatable	Additional information about destination organization or school.	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This is the high school or postsecondary school to which this student transcript acknowledgment is being sent. It is normally automatically created by the sender of this student transcript acknowledgment by copy the same complex data element in TransmissionData.Source in the original student transcript being acknowledged.				

Code illustration:

```

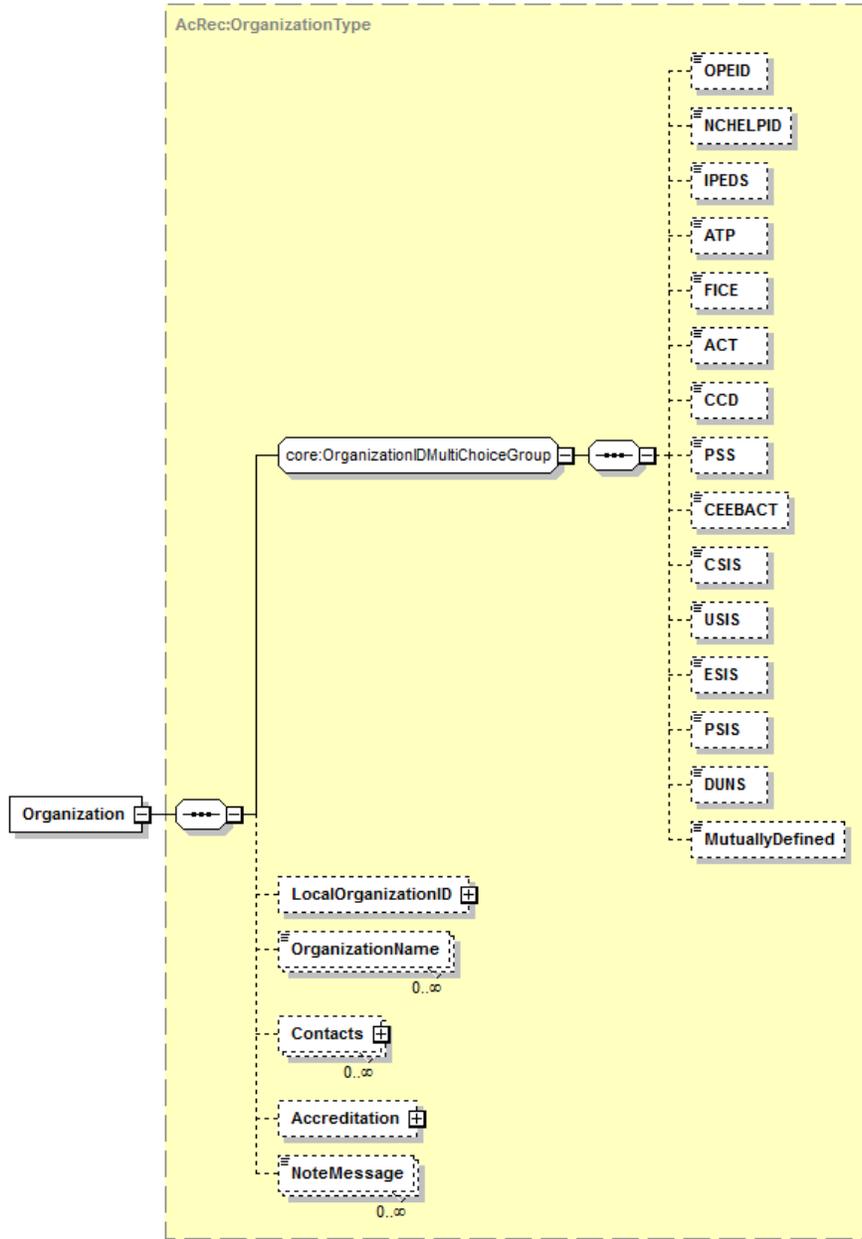
<Destination>
  <Organization>
    </Organization>
  <NoteMessage/>
</Destination>

```

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TransmissionData.Destination.Organization



Tag Name	Schema Use	Description	Recommended Use	Format
[OrganizationIDMultiChoiceGroup]	Optional	Allowable Organization IDs - Allowable choices	Required	minOcc 0 maxOcc ∞

Comment: [OrganizationIDMultiChoiceGroup] is not an XML tag and does not appear in an instance document. It allows the choice of one or more of the following code set tags to identify the institution/organization to which this transcript is being sent.

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Tag Name	Schema Use	Description	Recommended Use	Format
OPEID	Optional choice	The unique identifier assigned by the US Office of Postsecondary Education for each data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 3 maxLength 8
NCHELPID	Optional choice	The unique identifier assigned by US National Council on Higher Education Loan Programs for each data exchange partner.	Not Recommended	minOcc 0 maxOcc 1 minLength 3 maxLength 8
Comment: The NCHELPID would not normally be an appropriate choice in this case since transcripts are not normally sent to the financial aid world.				
IPEDS	Optional choice	The unique identifier for the US Integrated Postsecondary Education Data System assigned by the National Center for Education Statistics for each postsecondary data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 6 maxLength 6
ATP	Optional choice	The unique identifier for the Admissions Testing Program assigned by the College Board for each data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 6 maxLength 6
FICE	Optional choice	The unique identifier once maintained for the US Federal Interagency Committee on Education by the National Center for Education Statistics for each postsecondary data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 6 maxLength 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.				
ACT	Optional choice	The unique identifier for postsecondary educational institutions assigned by ACT, Inc. and available at www.act.org	Recommended choice	minOcc 0 maxOcc 1 minLength 4 maxLength 4
CCD	Optional choice	The unique identifier assigned by the US National Center for Education Statistics as the Common Core of Data for each PreK – 12 school data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 12 maxLength 12
PSS	Optional choice	The unique identifier assigned by the US Department of Education's National Center for Education Statistics for private PreK - 12 schools in the US.	Recommended choice	minOcc 0 maxOcc 1 minLength 8 maxLength 8
CEEBACT	Optional choice	The unique identifier assigned by the College Entrance Examining Board and ACT for each K-12 data exchange partner.	Recommended choice	minOcc 0 maxOcc 1 minLength 6 maxLength 6
CSIS	Optional choice	The unique identifier assigned by the Statistics Canada Canadian College Student Information System for each college data exchange partner.	Not Recommended	minOcc 0 maxOcc 1 minLength 6 maxLength 6

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Tag Name	Schema Use	Description	Recommended Use	Format
Comment: Since the CSIS code set has been used in the past to identify colleges in Canada, it is not a recommended choice for postsecondary schools in the United States. It would have been an appropriate choice for colleges in Canada, but this code set has now been replaced by a new code set (PSIS).				
USIS	Optional choice	The unique identifier assigned by the Statistics Canada University Student Information System for each university data exchange partner.	Not Recommended	minOcc 0 maxOcc 1 minLength 6 maxLength 6
Comment: Since this code set has been used in the past to identify universities in Canada, it is not a recommended choice for postsecondary schools in the United States. This code set has been replaced by the new code set PSIS.				
ESIS	Optional 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 minLength 8 maxLength 8
Comment: The ESIS number would not be a normal choice to identify the recipient agency or postsecondary school in the United States. However, it could have been used to identify a postsecondary school in Canada. However, this code set has been replaced by the new code set PSIS.				
PSIS	Optional choice	The unique identifier assigned by the Statistics Canada Postsecondary Student Information System for each data exchange partner.	Optional choice	minOcc 0 maxOcc 1 minLength 8 maxLength 8
Comment: The PSIS number would not be a normal choice to identify a recipient postsecondary school in the United States. However, it would be used to identify a postsecondary school in Canada.				
DUNS	Optional choice	Data Universal Numbering System (DUNS), unique nine character company identification number issued by Dun and Bradstreet Corporation.	Not Recommended	minOcc 0 maxOcc 1 minLength 9 maxLength 9
Comment: The DUNS number would not be a normal choice to identify a recipient school in the US or Canada.				
MutuallyDefined	Optional choice	This code set could be used by a selected set of trading partners if none of the other above code sets is appropriate.	Optional choice	minOcc 0 maxOcc 1 minLength 1 maxLength 60
Comment: If a Transcript Acknowledgment is being sent to a school or agency that does not have a valid code in one of the other above code sets, and if that code and code set are recognized by the recipient, then this code set might be used for a set of limited exchange partners, frequently within a common regional area.				
Comment: End of OrganizationIDGroup choice set tags				
LocalOrganizationID	Optional	A code set typically used by a state, province or region to identify the receiving school.	Optional	minOcc 0 maxOcc 1
Comment: This complex data element will be expanded on page 30 which follows.				
OrganizationName	Optional Repeatable	Name of Non-person entity such as Organization, Institution, Agency or Business.	Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 60
Comment: This is the name of the recipient school.				

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Tag Name	Schema Use	Description	Recommended Use	Format
Contacts	Optional Repeatable	To identify a person or an office at the receiving school or agency to which administrative communications should be directed	Recommended	minOcc 0 maxOcc ∞
<i>Comment: This complex data element will be further explained and expanded on page 31 which follows.</i>				
Accreditation	Optional	To provide information about the accrediting body that has certified the receiving school.	Not Recommended	minOcc 0 maxOcc 1
<i>Comment: It would be very unusual for the sending school of a transcript to include accreditation information about the recipient school.</i>				
NoteMessage	Optional Repeatable	Additional information about the organization	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

TransmissionData.Destination.Organization (Continued)

Code illustration:

```

<Organization>
  <ATP>135790</ATP>
  <FICE>123456</FICE>
  <ACT>1234</ACT>
  <LocalOrganizationID>

  </LocalOrganizationID>
  <OrganizationName>Southwestern University</OrganizationName>
  <Contacts>

  </Contacts>
  <Accreditation/>
  <NoteMessage/>
</Organization>

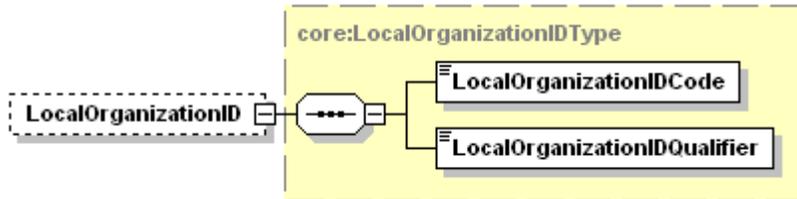
```

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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 receiving school by the state, province or other mutually defined agency specified in the LocalIDQualifier that follows.	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 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 school in that state that sent the original transcript that is being acknowledged. If it is not assigned by a state or province, then code ZZ should be used in the Local ID Qualifier that follows.</p>				
LocalIDQualifier	Required	This is the state, province or other mutually defined agency that assigned the Local D Code above.	Required	minOcc 1 maxOcc 1 Enumeration: Sec Appendix A
<p>Comment: This is a required data element only if the Local ID data element is sent. This is typically the state or province that assigned the code to specifically identify the school in that state that sent the original transcript that is being acknowledged. If it is not assigned by a state or province, then code ZZ should be used in this data element</p>				

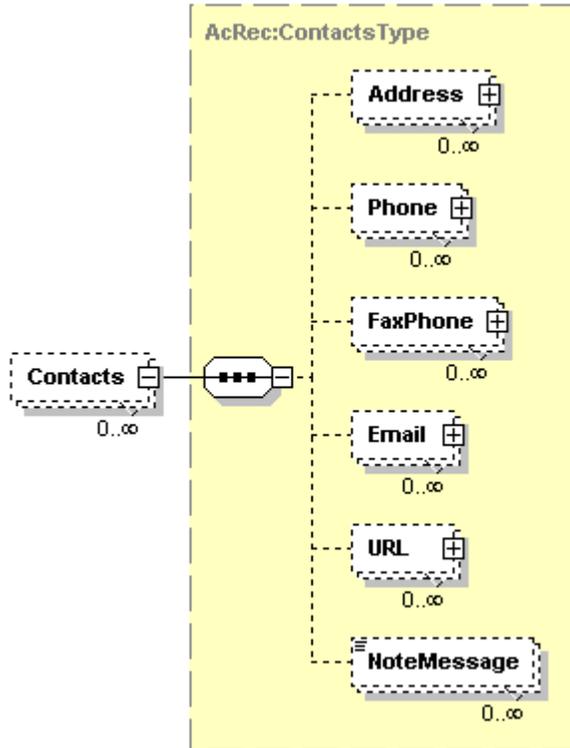
Code illustration:

```
<LocalOrganizationID>
  <LocalOrganizationIDCode>012587</LocalOrganizationIDCode>
  <LocalOrganizationIDQualifier>TX</LocalOrganizationIDQualifier>
</LocalOrganizationID>
```

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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	Optional	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 33 of this document.				
Phone	Optional Repeatable	This is the phone number of the contact at the destination school or agency that sent the original transcript.	Optional	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 36 of this document.				
FaxPhone	Optional Repeatable	This is the fax phone number of the contact at the destination school or agency that sent the original transcript.	Optional	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 38 of this document.				
Email	Optional Repeatable	This is the email address of the contact at the destination school that sent the original transcript.	Optional	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 40 of this document.				
URL	Optional Repeatable	This is the Uniform Resource Locator of the destination school that sent the original transcript.	Not Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 41 of this document.				

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Tag Name	Schema Use	Description	Recommended Use	Format
NoteMessage	Optional Repeatable	Additional information about the contact at the destination school or agency that sent the original transcript.	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This entire section should just be copied from the <i>TransmissionData.Source.Organization.Contacts</i> portion of the original student transcript document that was received.				

TransmissionData.Destination.Organization.Contacts (Continued)

Code illustration:

```

<Contacts>
  <Address>

  </Address>
  <Phone>

  </Phone>
  <FaxPhone>

  </FaxPhone>
  <Email>

  </Email>
  <URL>

  </URL>
  <NoteMessage/>
</Contacts>

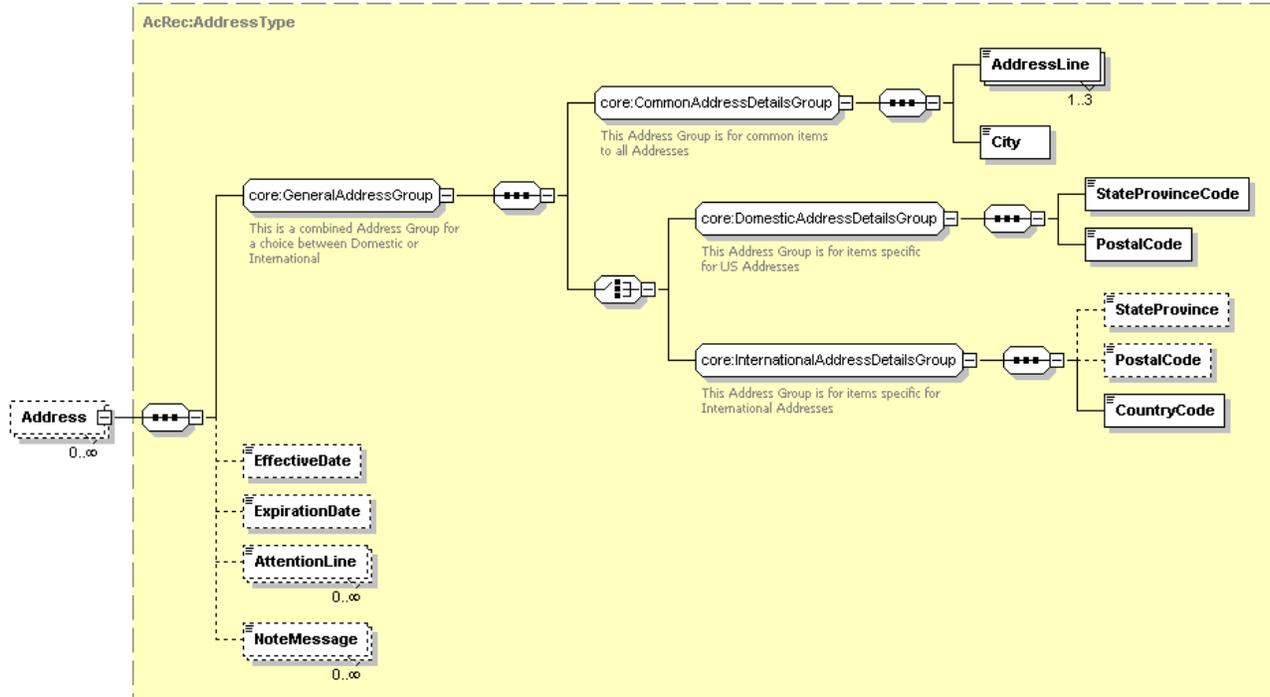
```

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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 Destination Institution or Agency, 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 document only if you choose to send the address of the contact or school.				
<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 transcript, 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 school that sent the original student transcript.	Required	minOcc 1 maxOcc 3 minLength 1 maxLength 40
City	Required	The city portion of the Address of a Contact at the school that sent the original student transcript	Required	minOcc 1 maxOcc 1 minLength 2 maxLength 30

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Tag Name	Schema Use	Description	Recommended Use	Format
<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: [DomesticAddressDetailsGroup] and 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	The postal code portion of the Address.	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 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 minLength 2 maxLength 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 minLength 1 maxLength 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
EffectiveDate	Optional	The date when this address for the receiving institution became or will become valid	Optional	minOcc 0 maxOcc 1 Format is xs>Date or ccy-mm-dd
ExpirationDate	Optional	The date when this address for the receiving institution will or did become no longer valid	Optional	minOcc 0 maxOcc 1 Format is xs>Date or ccy-mm-dd
AttentionLine	Optional Repeatable	The individual or office name within the postal address where inquiries should be directed.	Optional	minOcc 0 maxOcc ∞ minLength 1 maxLength 45
Comment: This might be used to indicate where questions about the record should be sent. For example, Registrar, Enrollment Management Office, or Information Technology Department.				

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NoteMessage	Optional Repeatable	Additional information about the addresses of the contacts at the source school	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
-------------	------------------------	---	--------------------	---

TransmissionData.Destination.Organization.Contacts.Address (Continued)

Code illustration 1 (Domestic Address):

```

<Address>
  <AddressLine>1715 W Cesar Chavez</AddressLine>
  <City>Austin</City>
  <StateProvinceCode>TX</StateProvinceCode>
  <PostalCode>78703</PostalCode>
  <EffectiveDate/>
  <ExpirationDate/>
  <AttentionLine>Jane Doe</AttentionLine>
  <AttentionLine>Guidance Counselor</AttentionLine>
  <NoteMessage/>
</Address>

```

Code illustration 2 (International Address):

```

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

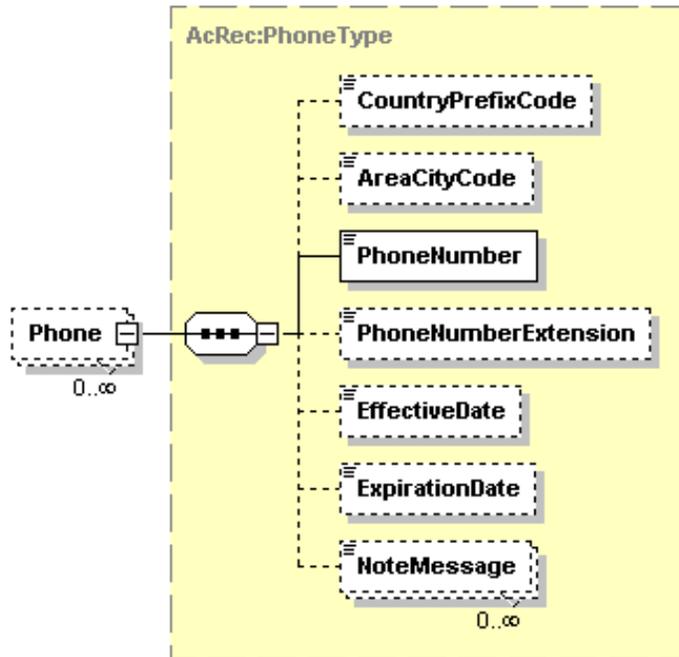
```

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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	Optional	minOcc 0 maxOcc 1 minLength 1 maxLength 3
Comment: For phones in the US, the CountryPrefixCode has a value of "1" or "001". If the transcript acknowledgment is being sent to an entity in the US, it is not necessary to include this data element.				
AreaCityCode	Optional	Regional dialing code	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 5
PhoneNumber	Required	Telephone number	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 11
Comment: The phone number will typically be sent as a string of numbers with no spaces, periods or dashes.				
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 minLength 1 maxLength 5
EffectiveDate	Optional	The date when this phone for the destination school or agency will or did become valid	Optional	minOcc 0 maxOcc 1 xs>Date or ccyy-mm-dd

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Tag Name	Schema Use	Description	Recommended Use	Format
ExpirationDate	Optional	The date when this phone for the destination school or agency will be or was no longer valid	Optional	minOcc 0 maxOcc 1 xs:date or ccyy-mm-dd
NoteMessage	Optional Repeatable	Additional information about the phone number of the contact at the destination school or agency	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Comment: This entire section would normally just be copied from the *TransmissionData.Source.Organization.Contacts.Phone* section of the original transcript document that was received and is now being acknowledged.

TransmissionData.Destination.Organization.Contacts.Phone (Continued)

Code illustration:

```

<Phone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>4757638</PhoneNumber>
  <PhoneNumberExtension>4589</PhoneNumberExtension>
  <EffectiveDate/>
  <ExpirationDate/>
  <NoteMessage/>
</Phone>

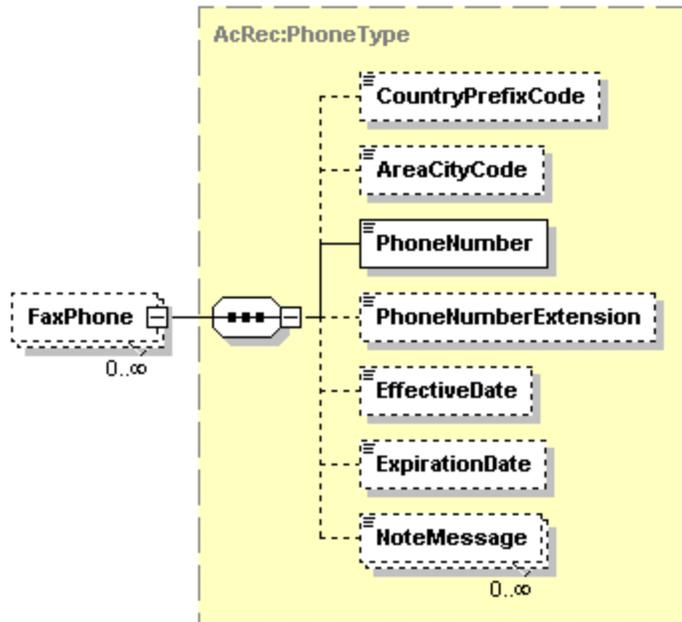
```

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TransmissionData.Source.Organization.Contacts.FaxPhone

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



Tag Name	Schema Use	Description	Recommended Use	Format
CountryPrefixCode	Optional	International dialing code	Optional within the US	minOcc 0 maxOcc 1 minLength 1 maxLength 3
Comment: For fax phones in the US, the CountryPrefixCode has a value of "1" or "001". If the transcript is being sent to an entity in the US, it is not necessary to include this data element.				
AreaCityCode	Optional	Regional dialing code or area code	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 5
PhoneNumber	Required	Telephone number	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 11
Comment: The phone number will typically be sent as a string of numbers with no spaces, periods or dashes.				
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 minLength 1 maxLength 5
EffectiveDate	Optional	The date when this fax phone for the receiving or destination school or agency will be or did become valid	Optional	minOcc 0 maxOcc 1 xs:date or ccyy-mm-dd

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Tag Name	Schema Use	Description	Recommended Use	Format
ExpirationDate	Optional	The date when this fax phone for the receiving or destination school or agency will be or was no longer valid	Optional	minOcc 0 maxOcc 1 xs:date or ccyy-mm-dd
NoteMessage	Optional Repeatable	Additional information about the fax phone number of the contact at the destination institution	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

TransmissionData.Destination.Organization.Contacts.FaxPhone (Continued)

Code illustration:

```

<FaxPhone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>4142505</PhoneNumber>
  <PhoneNumberExtension/>
  <EffectiveDate/>
  <ExpirationDate/>
  <NoteMessage/>
</FaxPhone>

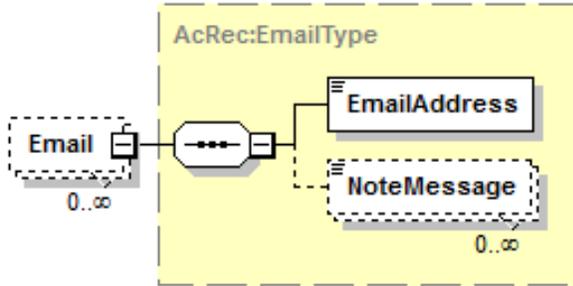
```

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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 maxOcc 1 minLength 1 maxLength 128
NoteMessage	Optional Repeatable	Additional information about the email address of the contact at the destination school or agency	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code illustration:

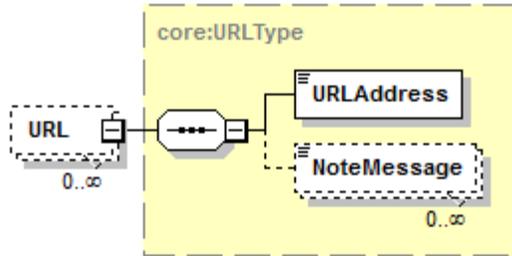
```
<Email>
  <EmailAddress>GuidanceCounselor@AustinISD.edu</EmailAddress>
  <NoteMessage/>
</Email>
```

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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 a Contact at the Receiving Institution or Agency, then you must send the URLAddress.



Tag Name	Schema Use	Description	Recommended Use	Format
URLAddress	Required	The Uniform Resource Locator (URL) address associated with a product, deliverable or contact, i.e., the URL of the school that sent the original student transcript.	Required	minOcc 1 maxOcc 1 minLength 0 maxLength 512
NoteMessage	Optional Repeatable	Additional information about the URL of the contact at the destination school or agency	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code illustration:

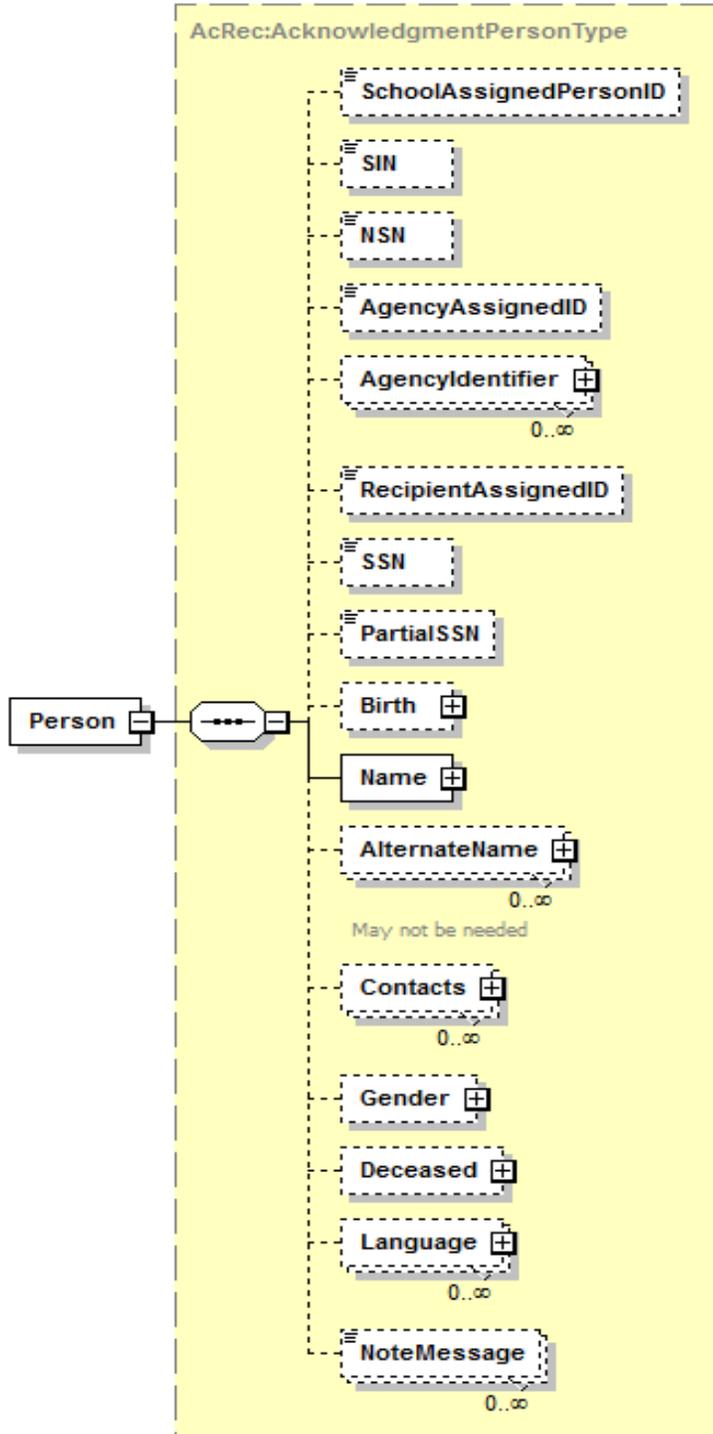
```

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

```

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Person



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Person (Continued)

Tag Name	Schema Use	Description	Recommended Use	Format
SchoolAssignedPersonID	Optional	School Assigned Identifier Type	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 20
Comment: This is the student's ID at the source or sending school. It is recommended that this ID number be included, even if the student ID number used is an Agency Assigned ID. This would be the same as was received in the original transcript now being acknowledged.				
SIN	Optional	The person's Canadian Social Insurance Number	Recommended	minOcc 0 maxOcc 1 minLength 9 maxLength 9
Comment: This is a Canadian student's Social Insurance Number assigned by the Canadian government. It would be returned in the acknowledgment, if it had been received with the transcript document.				
NSN	Optional	Canadian National Student Identifier Type	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
Comment: This is a postsecondary Canadian student's National Student Number assigned by postsecondary schools using the format used by Statistics Canada. If this ID was received with the original student transcript, then it must be returned in the student transcript acknowledgment.				
AgencyAssignedID	Optional	The ID assigned by the state or an agency, to the person (student).	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
Comment: If this ID was received with the original student transcript, then it must be returned in the student transcript acknowledgment. However, this data element is now being phased out and replaced with the following complex data element.				
AgencyIdentifier	Optional	The identifying alpha numeric used to identify a student, including information about the state or agency that assigned the identifier	Recommended	minOcc 0 maxOcc ∞
Comment: If this complex data element was received with the original student transcript, then it must be returned in the student transcript acknowledgment. This data element will be further explained and expanded on Page 47 which follows in this Guide.				
RecipientAssignedID	Optional	RecipientAssigned Identifier Type	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 20
Comment: If this ID was received with the original student transcript, then it must be returned in the student transcript acknowledgment.				
SSN	Optional	The person's U.S. Social Security Number	Recommended	pattern \d{9} minOcc 0 maxOcc 1
Comment: If this ID was received with the original student transcript, then it must be returned in the student transcript acknowledgment. Either the SSN or the PartialSSN should be returned in the Acknowledgment, but not both.				
PartialSSN	Optional	The person's partial U.S. Social Security Number	Recommended	pattern \d{4} minOcc 0 maxOcc 1
Comment: If this ID was received with the original student transcript, then it must be returned in the student transcript acknowledgment. It is the last four digits of the student's U. S. Social Security Number. Either the SSN or the PartialSSN should be returned in the Acknowledgment, but not both.				

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Tag Name	Schema Use	Description	Recommended Use	Format
Birth	Optional	Identifying information related to a person's birth	Recommended	minOcc 0 maxOcc 1
Comment: If this information was received with the original student transcript, then it must be returned in the student transcript acknowledgment. This complex data element will be expanded and explained more fully on page 48 of this document.				
Name	Required	The name of record at the sending institution	Required	minOcc 1 maxOcc 1
Comment: If this information was received with the original transcript, then it must be returned in the student transcript acknowledgment. This complex data element will be expanded and explained more fully on page 49 of this document.				
AlternateName	Optional Repeatable	Any other names by which the person may be known	Recommended	minOcc 0 maxOcc ∞
Comment: If this information was received with the original transcript, then it should be returned in the student transcript acknowledgment. This complex data element will be expanded and explained more fully on page 51 of this document.				
Contacts	Optional Repeatable	Contact information for the student as recorded by the sending institution	Recommended	minOcc 0 maxOcc ∞
Comment: If this information was received with the original transcript, then it should be returned in the student transcript acknowledgment. This complex data element will be expanded and explained more fully on page 53 of this document.				
Gender	Optional	Gender of the student	Recommended	minOcc 0 maxOcc 1 minLength 9 maxLength 9
Comment: If this information was received with the original transcript, then it must be returned in the student transcript acknowledgment. This complex data element will be expanded and explained more fully on page 64 of this Implementation Guide.				
Deceased	Optional	Information related a student's death	Optional	minOcc 0 maxOcc 1
Comment: Recommended if the student is deceased; useful for fraud prevention. If this information was received in the original transcript, then it warrants an investigation to insure that the appropriate officials at the school sending this acknowledgment are aware that the sending institution's records indicated that the student is deceased. This complex data element will be expanded and explained more fully on page 65 of this Implementation Guide				
Language	Optional Repeatable	Information about the language proficiency of the student	Optional	minOcc 0 maxOcc ∞
Comment: If this information was received with the original transcript, then it should be returned in the student transcript acknowledgment. This complex data element will be expanded and explained more fully on page 40 of this document.				
NoteMessage	Optional Repeatable	Additional information about the person	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original transcript document. Note that not all the elements included in the Student.Person complex data element In the original student transcript are included in the Person complex element of the Student Transcript Acknowledgment.				

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Person (Continued)

Code illustration:

```
<Person>
  <SchoolAssignedPersonID>5555555</SchoolAssignedPersonID>
  <SIN/>
  <NSN/>
  <AgencyAssignedID/>
  <AgencyIdentifier>

  </AgencyIdentifier>
  <RecipientAssignedID/>
  <SSN>55555555</SSN>
  <PartialSSN>5555</PartialSSN>
  <Birth>

  </Birth>
  <Name>

  </Name>
  <AlternateName>

  </AlternateName>
  <Contacts>

  </Contacts>
  <Gender>

  </Gender>
  <Deceased>

  </Deceased>
  <Language>

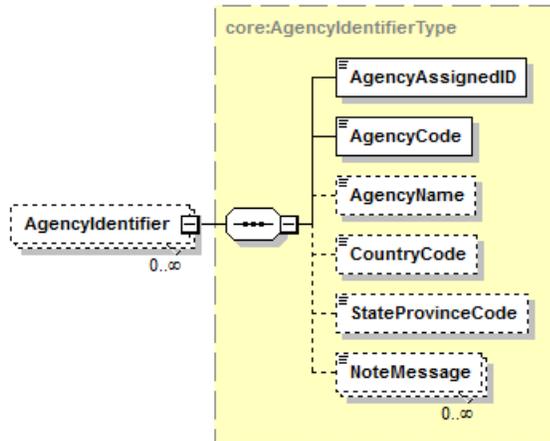
  </Language>
  <NoteMessage/>
</Person>
```

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Person.AgencyIdentifier

Note: Although *AgencyIdentifier* is an optional data element, if it is included in the instance document, then both *AgencyAssignedID* and *AgencyCode* must be included.



Tag Name	Schema Use	Description	Recommended Use	Format
AgencyAssignedID	Required	This is the student identification number assigned by an agency, other than the school, to the student at the school sending the transcript.	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 30
AgencyCode	Required	The type of agency that assigned the student ID	Required	minOcc 1 maxOcc 1 Enumerations: District Migrant MutuallyDefined National Regional State
AgencyName	Optional	The title or name of the agency that assigned the student ID at the school sending the transcript	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 60
CountryCode	Optional	The country in which the agency is located, if other than the country where the school is located	Optional	minOcc 0 maxOcc 1 See Appendix B1 or B2
StateProvinceCode	Optional	The state or province assigning the student ID	Optional	minOcc 0 maxOcc 1 See Appendix A
NoteMessage	Optional Repeatable	Additional information about the agency identifier	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

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Student.Person.AgencyIdentifier (Continued)

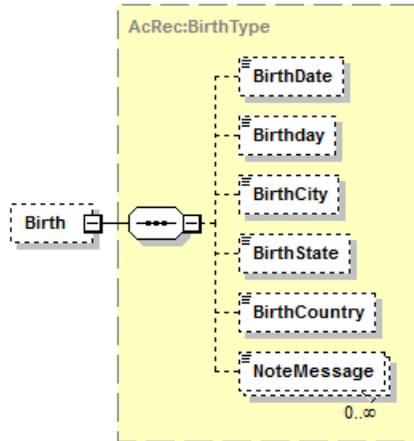
Code illustration:

```
<AgencyIdentifier>  
  <AgencyAssignedID>123456789</AgencyAssignedID>  
  <AgencyCode>State</AgencyCode>  
  <AgencyName/>Texas Education Agency</AgencyName>  
  <CountryCode/>  
  <StateProvinceCode>TX</StateProvinceCode>  
  <NoteMessage/>  
</AgencyIdentifier>
```

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Person.Birth



Tag Name	Schema Use	Description	Recommended Use	Format
BirthDate	Optional	Date of Birth	Recommended	minOcc 0 maxOcc 1 xs:date Format is ccyy-mm-dd
Birthday	Optional	Month and day of Birth	Optional	minOcc 0 maxOcc 1 xs:gMonthDay Format is mm-dd
Comment: Use instead of BirthDate when it is desirable to withhold the student's age.				
BirthCity	Optional	The city in which the person was born.	Optional	minOcc 0 maxOcc 1 minLength 2 maxLength 30
BirthState	Optional	The state (within the United States) or extra-state jurisdiction in which the person was born	Optional	minOcc 0 maxOcc 1 Enumerations: See Appendix A
BirthCountry	Optional	The name of the country in which the person was born. Use ISO 3 155-1 alpha-2 standard.	Optional	minOcc 0 maxOcc 1 Enumerations: See Appendix B
NoteMessage	Optional Repeatable	Additional information about Birth	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original student transcript document.				

Code illustration:

```

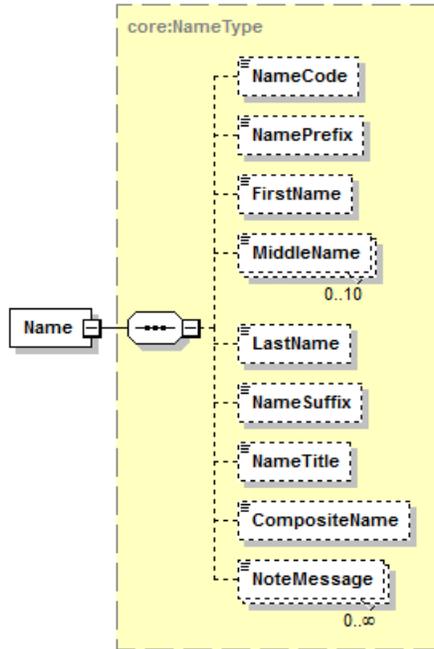
<Birth>
  <BirthDate>1987-07-20</BirthDate>
  <Birthday/>
  <BirthCity>Miami</BirthCity>
  <BirthState>FL</BirthState>
  <BirthCountry>US</BirthCountry>
  <NoteMessage/>
</Birth>

```

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Person.Name



Tag Name	Schema Use	Description	Recommended Use	Format
NameCode	Optional	A simple data element code that identifies the type of a person's name that is being included	Recommended	minOcc 0 maxOcc 1 Enumerations: Casual Formal Former LawSchoolApplicationSource Legal MedicalSchoolApplicationSource Nickname Other
NamePrefix	Optional	An honorific, title or form of address that precedes the name.	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
FirstName	Optional	The first name of the person, usually given at birth, baptism, or during, another ceremony, or through legal change	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 35
MiddleName	Optional Repeatable	A secondary name of the person, usually given at birth, baptism, or during another naming ceremony or through legal change	Recommended	minOcc 0 maxOcc 10 minLength 1 maxLength 35
LastName	Optional	The last name or surname by which a person is legally known	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 35

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Tag Name	Schema Use	Description	Recommended Use	Format
NameSuffix	Optional	The expression of an individual's generation within a family.	Recommended	minOcc 0 maxOcc 1 Enumerations: JR SR I II III IV V VI VII VIII IX X
NameTitle	Optional	An honorific, title or credential that follows the name.	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
CompositeName	Optional	The full name of the person in Last NameSuffix, First Middle order; comma after last name or NameSuffix	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 45
Comment: The use of the Composite Name, while it is allowed, is not recommended. It is felt that the storing of a person's name in schools' student information systems as individual components is becoming more common. And it should be easier for the sending school to break up a composite name into its individual components, than for the receiving school to do so.				
NoteMessage	Optional Repeatable	Additional information about the student name	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 0
Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original student transcript document.				

Code illustration:

```

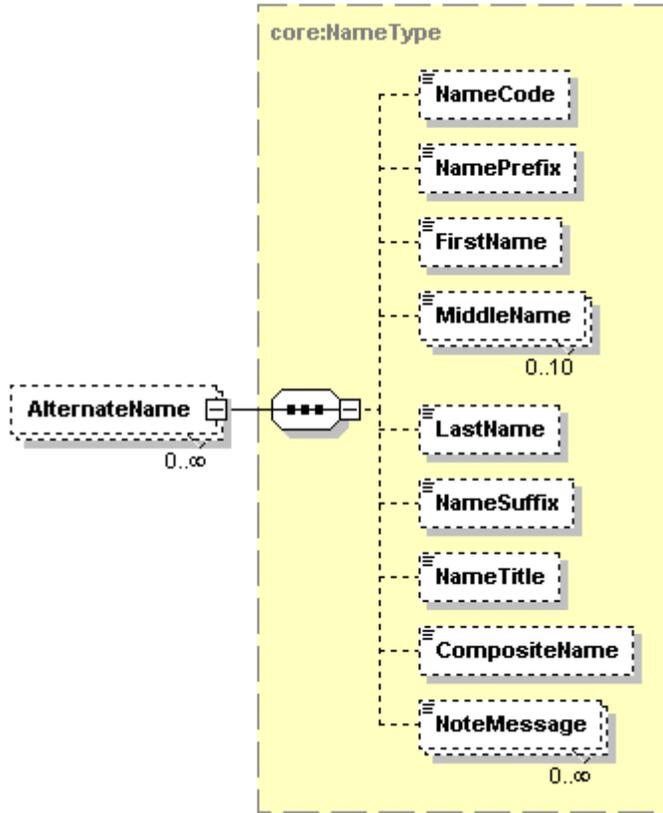
<Name>
  <NameCode>Legal</NameCode>
  <NamePrefix/>
  <FirstName>John</FirstName>
  <MiddleName>Billy</MiddleName>
  <MiddleName>Bob</MiddleName>
  <LastName>Thornton</LastName>
  <NameSuffix>JR</NameSuffix>
  <NameTitle/>
  <CompositeName/>
  <NoteMessage/>
</Name>

```

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Person.AlternateName



Tag Name	Schema Use	Description	Recommended Use	Format
NameCode	Optional	The type of name being included in the transcript of the student	Recommended	minOcc 0 maxOcc 1 Enumerations: Casual Formal Former LawSchoolApplicationSource Legal MedicalSchoolApplicationSource Nickname Other
NamePrefix	Optional	An honorific, title or form of address that precedes the name.	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
FirstName	Optional	The first name of the person, usually given at birth, baptism, or during, another ceremony, or through legal change	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 35

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Tag Name	Schema Use	Description	Recommended Use	Format
MiddleName	Optional Repeatable	A secondary Name of the person, usually given at birth, baptism, or during another naming ceremony or through legal change	Recommended	minOcc 0 maxOcc 10 minLength 1 maxLength 35
LastName	Optional	The last name or surname by which a person is legally known	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 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 VI VII VIII IX X
NameTitle	Optional	An honorific, title or credential that follows the name.	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
CompositeName	Optional	The full name of the person in Last, First Middle order, comma after last name	Not Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 45
Comment: The use of the Composite Name, while it is allowed, is not recommended. It is felt that the storing of a person's name in schools' student information systems as individual components is becoming more common. And it should be easier for the sending school to break up a composite name into its individual components, than for the receiving school to do so.				
NoteMessage	Optional Repeatable	Additional information about the alternate name	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original student transcript document.				

Code illustration:

```

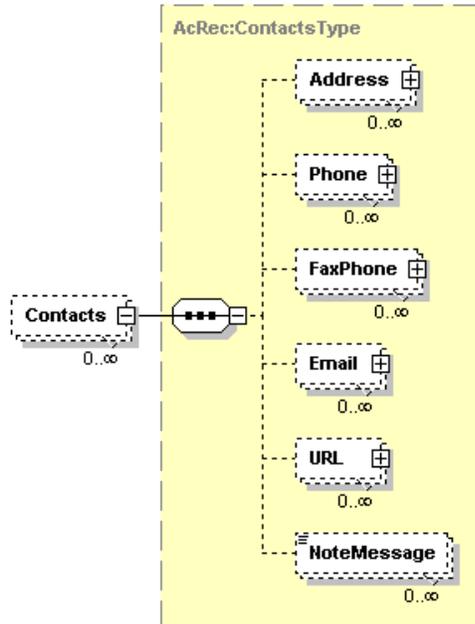
<AlternateName>
  <NameCode>Legal</NameCode>
  <NamePrefix/>
  <FirstName>Test</FirstName>
  <MiddleName>Record</MiddleName>
  <MiddleName>Test</MiddleName>
  <LastName>Speede</LastName>
  <NameSuffix/>
  <NameTitle/>
  <CompositeName/>
  <NoteMessage/>
</AlternateName>

```

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Person.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 ∞
Comment: This complex data element will be expanded and explained more fully on page 55 of this document.				
Phone	Optional Repeatable	Phone number(s) for the student	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 58 of this document.				
FaxPhone	Optional Repeatable	Fax phone number(s) for the student	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 60 of this document.				
Email	Optional Repeatable	Email address(es) for the student	Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 62 of this document.				
URL	Optional Repeatable	Personal URL(s) on record for the student	Not Recommended	minOcc 0 maxOcc ∞
Comment: This complex data element will be expanded and explained more fully on page 63 of this document.				
NoteMessage	Optional Repeatable	Additional information about the Contacts	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This entire section should just be a copy of what was received in the corresponding data elements in Student. Person. Contacts of the original student transcript document.				

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Person.Contacts (Continued)

Code illustration:

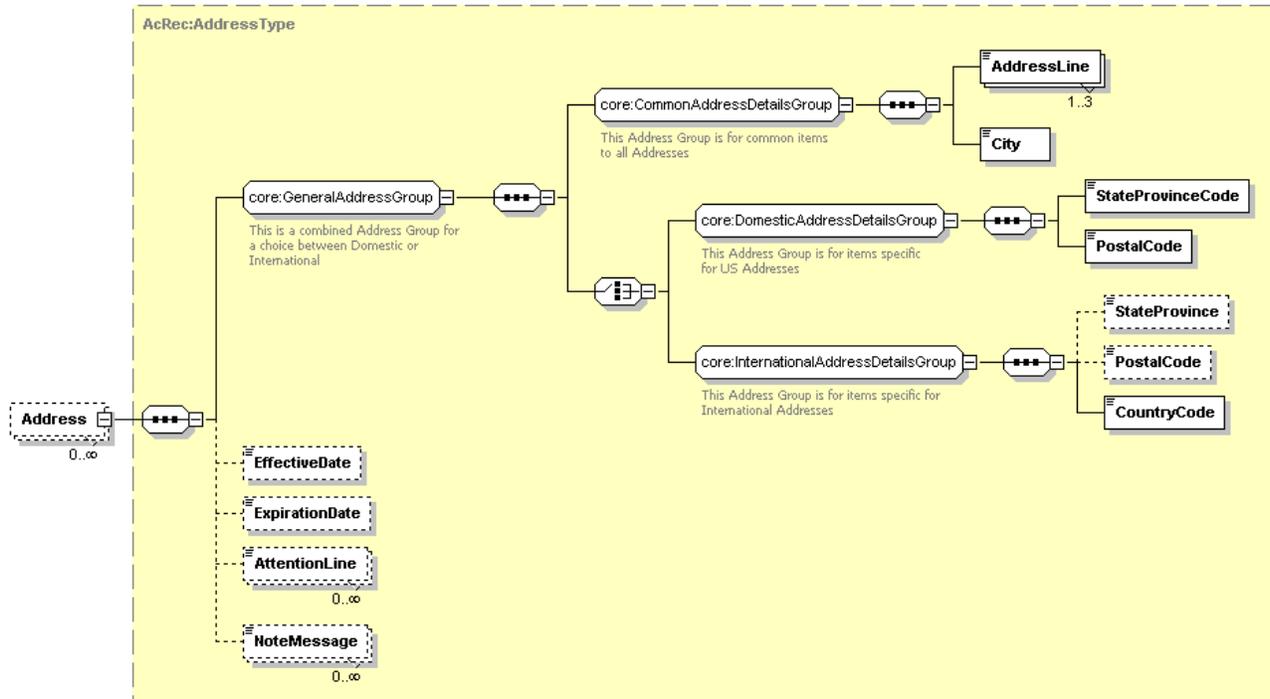
```
<Contacts>
  <Address>
    </Address>
  <Phone>
    </Phone>
  <FaxPhone>
    </FaxPhone>
  <Email>
    </Email>
  <URL>
    </URL>
  <NoteMessage/>
</Contacts>
```

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Person.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
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 student transcript acknowledgment document 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 transcript, 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) High School.	Required	minOcc 1 maxOcc 3 minLength 1 maxLength 40
City	Required	The city portion of the Address of a Contact at the Sending (Source) High School.	Required	minOcc 1 maxOcc 1 minLength 2 maxLength 30

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Tag Name	Schema Use	Description	Recommended Use	Format
<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: [DomesticAddressDetailsGroup] and 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	The postal code portion of the Address.	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 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 minLength 2 maxLength 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 minLength 1 maxLength 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
EffectiveDate	Optional	The date when this address for the student became or will become effective	Optional	minOcc 0 maxOcc 1 xs>Date with format of cyy-mm-dd
ExpirationDate	Optional	The date when this address for the student was or no longer will be valid	Optional	minOcc 0 maxOcc 1 xs>Date with format of cyy-mm-dd
AttentionLine	Optional	The individual or office name within the postal address where inquiries should be directed.	Optional	minOcc 1 maxOcc ∞ minLength 1 maxLength 45
Comment: This might be used to indicate where questions about the record should be sent. For example, Principal, Guidance Counselor, Headmaster, etc.				

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Tag Name	Schema Use	Description	Recommended Use	Format
NoteMessage	Optional Repeatable	Additional information about the addresses of the contacts at the source school	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original transcript schema.				

Person.Contacts.Address (Continued)

Code illustration 1 (Domestic Address):

```

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

```

Code illustration 2 (International Address):

```

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

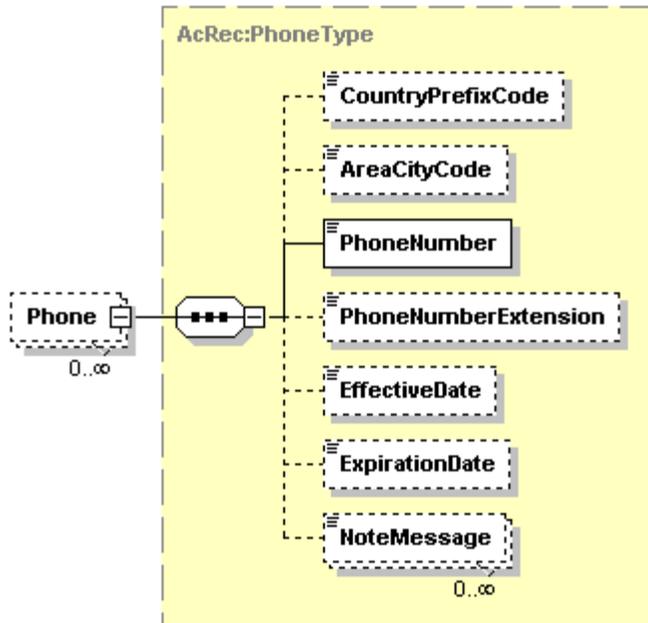
```

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Person.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 minLength 1 maxLength 3
Comment: For phone numbers in the United States, this is the number "1" or "001", but it is not normally included for a US phone number being sent within the US.				
AreaCityCode	Optional	Regional dialing code.	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 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 minLength 1 maxLength 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 minLength 1 maxLength 5
EffectiveDate	Optional	The date when this phone information for the student became or will become effective	Optional	minOcc 0 maxOcc 1 xs>Date with format ccyy-mm-dd

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Tag Name	Schema Use	Description	Recommended Use	Format
ExpirationDate	Optional	The date when this phone information became or will become no longer valid	Optional	minOcc 0 maxOcc 1 xs>Date with format ccyy-mm-dd
NoteMessage	Optional Repeatable	Additional information about the phone number	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original transcript schema.

Code illustration:

```

<Phone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>8888888</PhoneNumber>
  <PhoneNumberExtension/>
  <EffectiveDate/>
  <ExpirationDate/>
  <NoteMessage/>
</Phone>

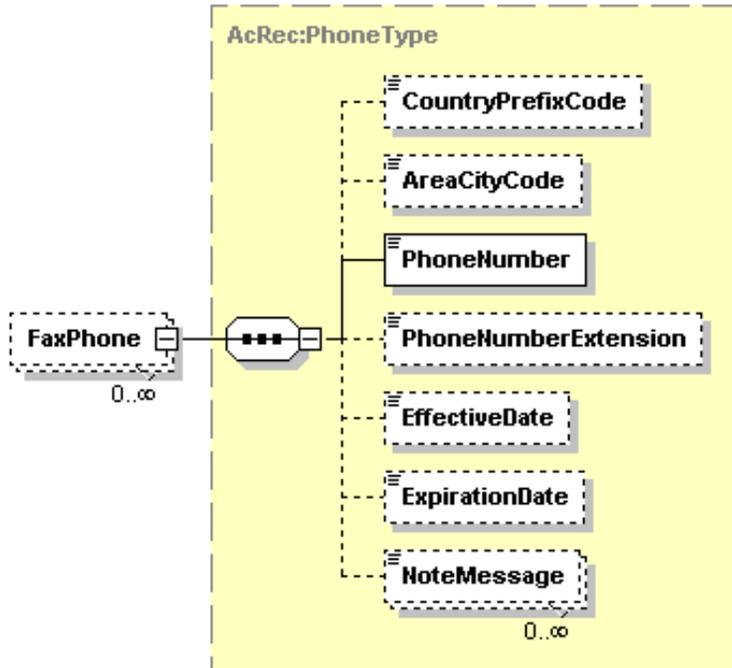
```

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Person.Contacts.FaxPhone

Note: Although the complex data element FaxPhone is an optional data element, if you choose to send the FaxPhone 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 minLength 1 maxLength 3
Comment: For phone numbers in the United States, this is the number "1" or "001", but it is not normally included for US phone number being sent within the US.				
AreaCityCode	Optional	Regional dialing code.	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 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 minLength 1 maxLength 11
Comment: The phone number is normally sent as a string of 7 numbers with no dashes or periods.				
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 minLength 1 maxLength 5

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Tag Name	Schema Use	Description	Recommended Use	Format
EffectiveDate	Optional	The date when this fax phone information for the student became or will become effective	Optional	minOcc 0 maxOcc 1 xs>Date with format ccyy-mm-dd
ExpirationDate	Optional	The date when this fax phone information became or will become no longer valid	Optional	minOcc 0 maxOcc 1 xs>Date with format ccyy-mm-dd
NoteMessage	Optional Repeatable	Additional information about the phone number	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Code illustration:

```

<FaxPhone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>8888888</PhoneNumber>
  <PhoneNumberExtension/>
  <EffectiveDate/>
  <ExpirationDate/>
  <NoteMessage/>
</FaxPhone>

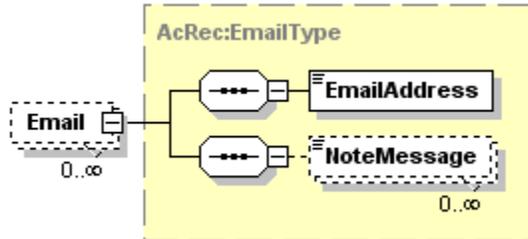
```

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Person.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	The numbers, letters, and symbols used to identify an electronic mail (Email) user within a network.	Required	minOcc 1 maxOcc 1 minLength 1 maxLength 128
NoteMessage	Optional Repeatable	Additional information about the email address	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original transcript schema.

Code illustration:

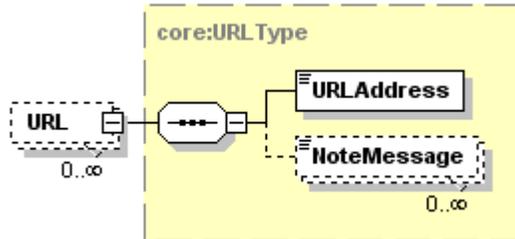
```
<Email>
  <EmailAddress>stewartj@aol.com</EmailAddress>
  <NoteMessage/>
</Email>
```

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Person.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	The Uniform Resource Locator (URL) address associated with a student	Required	minOcc 1 maxOcc 1 minLength 0 maxLength 512
NoteMessage	Optional Repeatable	Additional information about the URL	Not recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original transcript schema.

Code illustration:

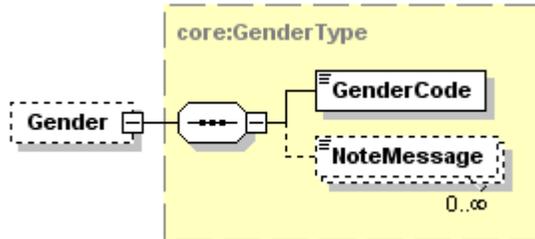
```
<URL>
  <URLAddress>www.John.Appleseed.com</URLAddress>
  <NoteMessage/>
</URL>
```

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Person.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	The 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 ∞ minLength 1 maxLength 80

Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original transcript schema.

Code illustration:

```

<Gender>
  <GenderCode>Male</GenderCode>
  <NoteMessage/>
</Gender>

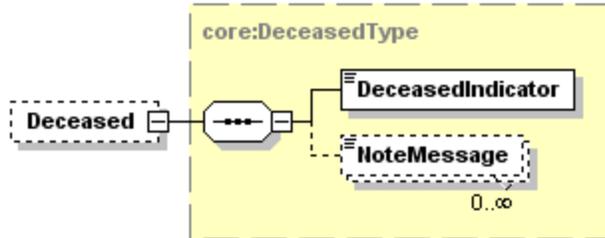
```

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Person.Deceased

Note: *Deceased is an optional complex data element, but if it is included, then the Deceased Indicator must also be included.*



Tag Name	Schema Use	Description	Recommended Use	Format
DeceasedIndicator	Required	Indicates the person is deceased.	Required	minOcc 1 maxOcc 1 true/false
<p>Comment: A value of 'true' indicates the person is reported as deceased in the sending school's records. If the student is not shown to be deceased, the complex data element "deceased" would not be sent. This indicator would only be sent if the complex data element Deceased is included.</p>				
NoteMessage	Optional Repeatable	Additional information about the deceased student	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
<p>Comment: This entire section should just be a copy of what was received in the corresponding data elements of the original transcript schema. However, if an indication that the student is deceased was received with the original student transcript, then it should be brought to the personal attention of appropriate officials at the receiving school or agency. It could be a recent death, or a clerical error, or it could be an indication of a possible fraudulent admissions application.</p>				

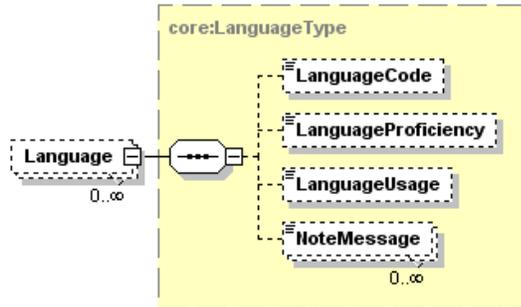
Code illustration:

```
<Deceased>
  <DeceasedIndicator>true</DeceasedIndicator>
  <NoteMessage>This student died during his senior year in high school.</NoteMessage>
</Deceased>
```

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Person.Language



Tag Name	Schema Use	Description	Recommended Use	Format
LanguageCode	Optional	Code indicating the language being used, using ISO 639-2 code (Alpha-3) set. These codes are available at http://www.loc.gov/standards/iso639-2/	Optional	minOcc 0 maxOcc 1 See codes in Appendix C1 or C2
LanguageProficiency	Optional	Adeptness in comprehending and using the language	Optional	minOcc 0 maxOcc 1 Enumerations: EnglishOnly FullyEnglishProficient LimitedEnglishProficiency NonEnglishSpeaking RedesignatedFluentEnglish oficient Excellent Good Fair Poor Unacceptable Unknown
LanguageUsage	Optional	Indication of person's use of the language	Optional	minOcc 0 maxOcc 1 Enumerations: FirstSpokenlanguage Native Reading Speaking SpokenAtHome Writing WrittenCommunication
NoteMessage	Optional Repeatable	Additional information about the language proficiency	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80

Comment: This is the appropriate place in the Schema to indicate that a student is proficient in a language other than English.

Code illustration:

```

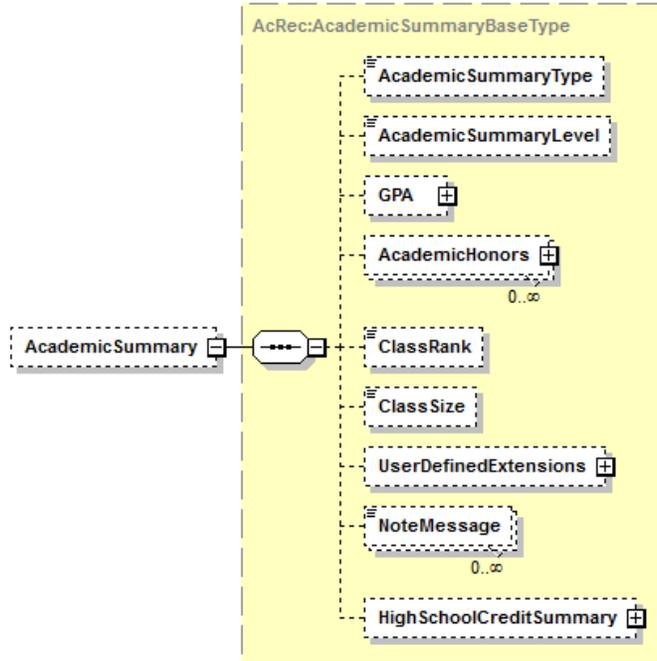
<Language>
  <LanguageCode>RUS</LanguageCode>
  <LanguageProficiency>Excellent</LanguageProficiency>
  <LanguageUsage>Speaking</LanguageUsage>
  <NoteMessage/>
</Language>

```

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AcademicSummary



Tag Name	Schema Use	Description	Recommended Use	Format
AcademicSummaryType	Optional	<p>Summary Type is an indication of what is being summarized over what period of time</p> <p><i>All</i> - Summary of all courses regardless of institution</p> <p><i>SenderOnly</i> - Summary of all courses at sending institution (or recorded as if they were taken at the sending institution)</p> <p><i>TransferOnly</i> - Summary of transfer work (courses taken at other than the sending institution)</p> <p><i>AllNotRepeated</i> - Summary of all courses except for repeated or forgiven courses/credits</p> <p><i>SenderNotRepeated</i> - Summary of all courses at sending institution except for repeated or forgiven courses/credits</p> <p><i>TransferNotRepeated</i> - Summary of transfer work except for repeated or forgiven courses/credits</p> <p><i>AcademicRenewal</i> - Subset of forgiven courses</p> <p><i>CarryoverCredit</i> - Summary from offline records and used as the initial point for cumulatives and averages</p> <p><i>DegreeApplicable</i> - Summary of course that apply to degree</p> <p><i>NonDegreeApplicable</i> - Summary of</p>	Recommended	<p>minOcc 0 maxOcc 1</p> <p>Enumeration: All SenderOnly TransferOnly AllNotRepeated SenderNotRepeated TransferNotRepeated AcademicRenewal CarryoverCredit DegreeApplicable NonDegreeApplicable ConvertedFrom ConvertedTo</p> <p>Weighted NonWeighted UserDefined Cumulative</p>

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Tag Name	Schema Use	Description	Recommended Use	Format
		<p>courses that do not apply toward degree</p> <p><i>ConvertedFrom</i> - Summary of credits before an institutional term-basis conversion, such as from quarters to semesters</p> <p><i>ConvertedTo</i> - Summary of credits after an institutional term-basis conversion, such as from quarters to semesters</p> <p><i>Weighted</i> – Summary that gives additional (higher) value to specific courses taken by a student, such as honors courses, International Baccalaureate, Advanced Placement, high school /college dual enrollment.</p> <p><i>NonWeighted</i> – Summary that does not give additional value to courses, regardless of special characteristics of the courses. For example, if the grading scale is from 0 to 4.00, then it is not possible to have a summary higher than 4.00.</p> <p><i>UserDefined</i> - see NoteMessage for explanation</p> <p><i>Cumulative</i> – A summary of all credits on the transcript taken up to the point in time of this summary</p>		
AcademicSummaryLevel	Optional	The level of credit associated with the credit hours earned for the course.	Recommended	minOcc 0 maxOcc 1 Enumerations: SeventhGrade EighthGrade NinthGrade TenthGrade EleventhGrade TwelfthGrade Dual DualGraduateUndergraduate DualHighSchoolCollege Graduate GraduateProfessional LowerDivision Professional Secondary TechnicalPreparatory Undergraduate UpperDivision Vocational
GPA	Optional	GPA for this Academic Summary	Recommended	minOcc 0 maxOcc 1
Comment: This complex data element will be expanded and explained more fully on page 70 of this Implementation Guide.				
AcademicHonors	Optional	Academic Honors for this Academic Summary	Recommended	minOcc 0 maxOcc ∞

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Comment: This complex data element will be expanded and explained more fully on page 73 of this Implementation Guide.				
ClassRank	Optional	The student's class rank relative to other students in their academic cohort (e.g. class).	Recommended	minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4
Comment: It would be unusual for this data element to be found on a postsecondary transcript, but fairly common on the high school transcript.				
ClassSize	Optional	The numeric size of the academic cohort (e.g. class).	Recommended	minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4
Comment: If there were 753 students in the student's class and they were ranked by the high school, then this value would be "753". This information is not normally included in a college transcript.				
UserDefinedExtensions	Optional	A mini schema that is created in advance by trading partners that are usually within a common geographic area or who use a common vendor. It can be used to exchange specific data of value to those partners.	Optional	minOcc 0 maxOcc 1
NoteMessage	Optional Repeatable	Additional information about the Academic Summary	Optional	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: If the class rank and class size are included in the transcript, then this note message could be used to indicate the cohort and/or date of the ranking.				
HighSchoolCreditSummary	Optional	A summary of high school credits taken by subject area	Optional	minOcc 0 maxOcc 1
Comment: This portion of the XML Student Transcript is the recommended place for the overall summary of the student's entire high school or college academic record. Specifically, it is from the first occurrence of the Student.AcademicRecord.AcademicSummary portion from the original student transcript document. However, the important issue is that this should be a copy of the corresponding portion of the student transcript that was received and is now being acknowledged. Therefore, the recommended usage in the chart above is "recommended" which means that if it was received in the original transcript document, then it should be copied and returned in this student transcript acknowledgment document.				

Code illustration:

```

<AcademicSummary>
  <AcademicSummaryType>All</AcademicSummaryType>
  <AcademicSummaryLevel/>
  <GPA>

  </GPA>
  <AcademicHonors>

  </AcademicHonors>
  <ClassRank>1</ClassRank>
  <ClassSize>753</ClassSize>
  <UserDefinedExtensions>

  </UserDefinedExtensions>
  <NoteMessage>Class ranking was of all seniors at the end of the seventh semester.</NoteMessage>
  <HighSchoolCreditSummary>

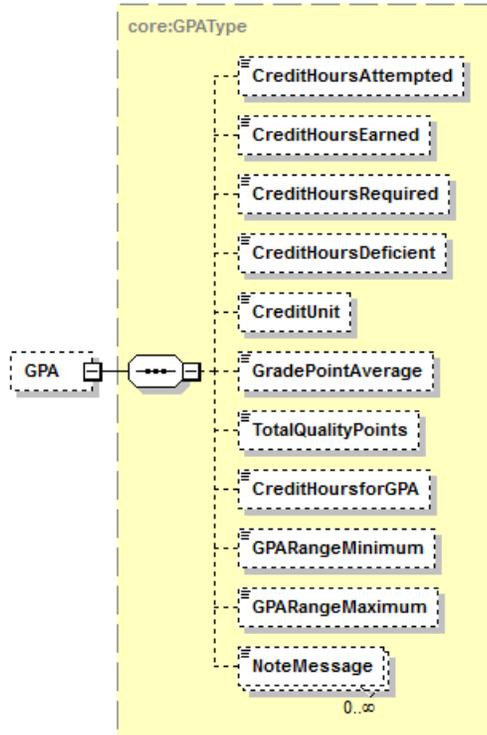
  </HighSchoolCreditSummary>
</AcademicSummary>

```

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AcademicSummary.GPA



Tag Name	Schema Use	Description	Recommended Use	Format
CreditHoursAttempted	Optional	The total value of credit hours attempted whether or not included in the hours for GPA or hours earned	Recommended	minOcc 0 maxOcc 1 xs:decimal
Comment: This would also include the credit value of a course from which the student withdrew, if it appears on the transcript. So if a student had enrolled in 10 Carnegie Units which are all included in the specified program and appear on the transcript, and had passed 5 units and withdrawn from 5 units, then the value of this field would be "10". If the student had enrolled for 10.5 units that are included on the transcript, then the value of this field would be "10.5".				
CreditHoursEarned	Optional	The total value of credit hours successfully completed or earned	Recommended	minOcc 0 maxOcc 1 xs:decimal
Comment: If the student had earned 5 Carnegie Units and they all are included on the transcript, then the value of this data element would be "5". If only 4.5 units were earned, then the value would be "4.5".				
CreditHoursRequired	Optional	The total number of credit hours required to complete the requirements for an academic award.	Not Recommended	minOcc 0 maxOcc 1 xs:decimal
Comment: This data element would not normally be included in a Student Transcript. It would be included in a Degree Audit document.				
CreditHoursDeficient	Optional	The total value of credit hours successfully completed or earned	Not Recommended	minOcc 0 maxOcc 1 xs:decimal

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Tag Name	Schema Use	Description	Recommended Use	Format
Comment: This data element would not normally be included in a Student Transcript. It would be included in a Degree Audit Document.				
CreditUnit	Optional	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course	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
Comment: For example, if the student had enrolled for 10 Carnegie Units, passed 8 units with grades of B worth 3 grade points for each Carnegie Unit, and 2 Carnegie Units with grades of F worth 0 grade points, then the calculation would be 24 grade points divided by 10 or a GPA of "2.4" or "2.40" or "2.400" depending on the policy of the sending school.				
TotalQualityPoints	Optional	The total value of quality points used for the calculation of the Grade Point Average	Recommended	minOcc 0 maxOcc 1 xs:decimal
Comment: If a student earned all grades of B (worth 3 grade points for each Carnegie Unit) in 8.5 Carnegie Units that count toward this diploma and this program, then the value of this data element would be "25.5".				
CreditHoursforGPA	Optional	The total value of credit hours used to calculate the Grade Point Average	Recommended	minOcc 0 maxOcc 1 xs:decimal
Comment: If a student earned grades of A (worth 4 grades points per unit) in 3 Carnegie Units, grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA would be "7".				
GPARangeMinimum	Optional	The minimum possible Grade Point Average	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	The maximum possible Grade Point Average	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 ∞ minLength 1 maxLength 80
Comment: The GPA included at this point in the Schema should represent the overall GPA for the student's entire record included on the transcript. However, in any case, it is to be a copy of the first occurrence of Student.AcademicRecord.AcademicSummary.GPA portion from the original transcript.				

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AcademicSummary.GPA (Continued)

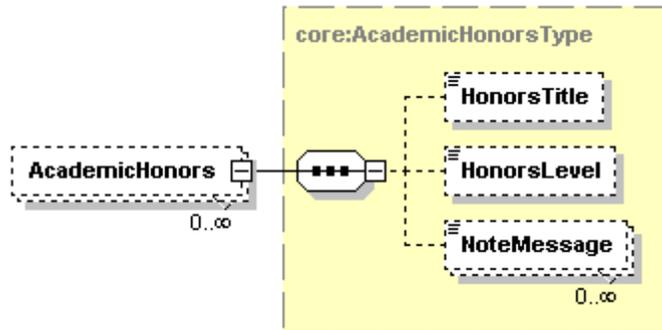
Code illustration:

```
<GPA>
  <CreditHoursAttempted>159</CreditHoursAttempted>
  <CreditHoursEarned>136</CreditHoursEarned>
  <CreditHoursRequired/>
  <CreditHoursDeficient/>
  <CreditUnit>Semester</CreditUnit>
  <GradePointAverage>3.0915</GradePointAverage>
  <TotalQualityPoints>473</TotalQualityPoints>
  <CreditHoursforGPA>153</CreditHoursforGPA>
  <GPARangeMinimum>0</GPARangeMinimum>
  <GPARangeMaximum>4</GPARangeMaximum>
  <NoteMessage/>
</GPA>
```

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AcademicSummary.AcademicHonors



Tag Name	Schema Use	Description	Recommended Use	Format
HonorsTitle	Optional	The descriptive title for the honors received	Recommended	minOcc 0 maxOcc 1 minLength 1 maxLength 30
Comment: There is a great variety of titles for honors that are associated with the diploma being awarded. Among these are "Star Student", "Sigma Alpha Tau", "Salutatorian", "Valedictorian", "Summa Cum Laude", "Magna Cum Laude", "Cum Laude", "With Highest Honors", etc.				
HonorsLevel	Optional	A code value representing 1st highest honor, 2nd highest and 3rd highest	Recommended	minOcc 0 maxOcc 1 Enumeration: FirstHighest SecondHighest ThirdHighest
Comment: Honors Level is critical to understanding the context of HonorsTitle.				
NoteMessage	Optional Repeatable	Additional information about the Academic Honors	Not Recommended	minOcc 0 maxOcc ∞ minLength 1 maxLength 80
Comment: This should be an exact copy of what was received in the first occurrence of the Student.AcademicRecord.AcademicSummary.AcademicHonors portion of the student transcript that was received. If nothing was originally sent with the student transcript document, then this portion would not be included in the acknowledgment.				

Code illustration:

```
<AcademicHonors>
  <HonorsTitle>Sigma Alpha Tau</HonorsTitle>
  <HonorsLevel>FirstHighest</HonorsLevel>
  <NoteMessage>For seniors earning a composite SAT score of 1,200 or higher</NoteMessage>
</AcademicHonors>
```

End of the Student Transcript Acknowledgment Schema

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Appendix A State and Province Codes Sorted by State and Province Codes	
State and Province Code	State and Province Name
AA	Military – Americas
AB	Alberta
AE	Military – Europe
AK	Alaska
AL	Alabama
AP	Military – Pacific
AR	Arkansas
AS	American Samoa
AZ	Arizona
BC	British Columbia
CA	California
CO	Colorado
CT	Connecticut
CZ	Canal Zone
DC	District of Columbia
DE	Delaware
FL	Florida
FM	Federated States of Micronesia
GA	Georgia
GU	Guam
HI	Hawaii
IA	Iowa
ID	Idaho
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

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Appendix A State and Province Codes Sorted by State and Province Codes	
State and Province Code	State and Province Name
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
OK	Oklahoma
ON	Ontario
OR	Oregon
PA	Pennsylvania
PE	Prince Edward Island
PR	Puerto Rico
PW	Republic of Palau
QC	Quebec
RI	Rhode Island
SC	South Carolina
SD	South Dakota
SK	Saskatchewan
TN	Tennessee
TX	Texas
UT	Utah
VA	Virginia
VI	Virgin Islands
VT	Vermont

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Appendix A State and Province Codes Sorted by State and Province Codes	
State and Province Code	State and Province Name
WA	Washington
WI	Wisconsin
WV	West Virginia
WY	Wyoming
YT	Yukon

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Appendix B1

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Code

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

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Appendix B1

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Code

CountryCode	Description
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 (Deleted as of April 2007 – see ME and RS) *
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
ES	Spain
ET	Ethiopia
FI	Finland
FJ	Fiji
FK	Falkland Islands (Malvinas)
FM	Micronesia, Federated States Of
FO	Faroe Islands

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Appendix B1

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Code

CountryCode	Description
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 *

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Appendix B1

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Code

CountryCode	Description
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
LY	Libyan Arab Jamahiriya
MA	Morocco
MC	Monaco
MD	Moldova, Republic Of
ME	Montenegro *
MG	Madagascar
MH	Marshall Islands
MK	Macedonia, The Former Yugoslav Republic Of
ML	Mali
MM	Myanmar
MN	Mongolia
MO	Macao
MP	Northern Mariana Islands

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Appendix B1

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Code

CountryCode	Description
--------------------	--------------------

MQ	Martinique
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NU	Niue
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	French Polynesia
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre And Miquelon
PN	Pitcairn
PR	Puerto Rico
PS	Palestinian Territory, Occupied
PT	Portugal
PW	Palau
PY	Paraguay

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Appendix B1

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Code

CountryCode	Description
--------------------	--------------------

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
SM	San Marino
SN	Senegal
SO	Somalia
SR	Suriname
ST	Sao Tome And Principe
SV	El Salvador
SY	Syrian Arab Republic
SZ	Swaziland
TC	Turks And Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tajikistan
TK	Tokelau
TL	Timor Leste
TM	Turkmenistan
TN	Tunisia
TO	Tonga
TR	Turkey

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Appendix B1

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Code

CountryCode	Description
TT	Trinidad And Tobago
TV	Tuvalu
TW	Taiwan, Province Of China
TZ	Tanzania, United Republic Of
UA	Ukraine
UG	Uganda
UM	United States Minor Outlying Islands
US	United States
UY	Uruguay
UZ	Uzbekistan
VA	Holy See (Vatican City State)
VC	Saint Vincent And The Grenadines
VE	Venezuela
VG	Virgin Islands, British
VI	Virgin Islands, U.S.
VN	Viet Nam
VU	Vanuatu
WF	Wallis And Futuna
WS	Samoa
YE	Yemen
YT	Mayotte
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe

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**Appendix B2
Country Codes**

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Country Name

CountryCode	Description
--------------------	--------------------

AF	Afghanistan
AX	Åland Islands
AL	Albania
DZ	Algeria
AS	American Samoa
AD	Andorra
AO	Angola
AI	Anguilla
AQ	Antarctica
AG	Antigua And Barbuda
AR	Argentina
AM	Armenia
AW	Aruba
AU	Australia
AT	Austria
AZ	Azerbaijan
BS	Bahamas
BH	Bahrain
BD	Bangladesh
BB	Barbados
BY	Belarus
BE	Belgium
BZ	Belize
BJ	Benin
BM	Bermuda
BT	Bhutan
BO	Bolivia
BA	Bosnia And Herzegovina
BW	Botswana
BV	Bouvet Island
BR	Brazil
IO	British Indian Ocean Territory
BN	Brunei Darussalam
BG	Bulgaria
BF	Burkina Faso
BI	Burundi

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Appendix B2

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Country Name

CountryCode	Description
--------------------	--------------------

KH	Cambodia
CM	Cameroon
CA	Canada
CV	Cape Verde
KY	Cayman Islands
CF	Central African Republic
TD	Chad
CL	Chile
CN	China
CX	Christmas Island
CC	Cocos (Keeling) Islands
CO	Colombia
KM	Comoros
CG	Congo
CD	Congo, The Democratic Republic Of The
CK	Cook Islands
CR	Costa Rica
CI	Cote D'ivoire
HR	Croatia
CU	Cuba
CY	Cyprus
CZ	Czech Republic
DK	Denmark
DJ	Djibouti
DM	Dominica
DO	Dominican Republic
EC	Ecuador
EG	Egypt
SV	El Salvador
GQ	Equatorial Guinea
ER	Eritrea
EE	Estonia
ET	Ethiopia
FK	Falkland Islands (Malvinas)
FO	Faroe Islands
FJ	Fiji
FI	Finland

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Appendix B2

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Country Name

CountryCode	Description
--------------------	--------------------

FR	France
GF	French Guiana
PF	French Polynesia
TF	French Southern Territories
GA	Gabon
GM	Gambia
GE	Georgia
DE	Germany
GH	Ghana
GI	Gibraltar
GR	Greece
GL	Greenland
GD	Grenada
GP	Guadeloupe
GU	Guam
GT	Guatemala
GG	Guernsey *
GN	Guinea
GW	Guinea Bissau
GY	Guyana
HT	Haiti
HM	Heard Island And Mcdonald Islands
VA	Holy See (Vatican City State)
HN	Honduras
HK	Hong Kong
HU	Hungary
IS	Iceland
IN	India
ID	Indonesia
IR	Iran, Islamic Republic Of
IQ	Iraq
IE	Ireland
IM	Isle of Man *
IL	Israel
IT	Italy
JM	Jamaica
JP	Japan

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**Appendix B2
Country Codes**

**ISO 3166-1 Alpha-2 Standard (as of April 2007)
Not to be used for US SEVIS Purposes
Sorted by Country Name**

CountryCode	Description
JE	Jersey *
JO	Jordan
KZ	Kazakhstan
KE	Kenya
KI	Kiribati
KP	Korea, Democratic People's Republic Of
KR	Korea, Republic Of
KW	Kuwait
KG	Kyrgyzstan
LA	Lao People's Democratic Republic
LV	Latvia
LB	Lebanon
LS	Lesotho
LR	Liberia
LY	Libyan Arab Jamahiriya
LI	Liechtenstein
LT	Lithuania
LU	Luxembourg
MO	Macao
MK	Macedonia, The Former Yugoslav Republic Of
MG	Madagascar
MW	Malawi
MY	Malaysia
MV	Maldives
ML	Mali
MT	Malta
MH	Marshall Islands
MQ	Martinique
MR	Mauritania
MU	Mauritius
YT	Mayotte
MX	Mexico
FM	Micronesia, Federated States Of
MD	Moldova, Republic Of
MC	Monaco
MN	Mongolia
ME	Montenegro *

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**Appendix B2
Country Codes**

**ISO 3166-1 Alpha-2 Standard (as of April 2007)
Not to be used for US SEVIS Purposes
Sorted by Country Name**

CountryCode	Description
MS	Montserrat
MA	Morocco
MZ	Mozambique
MM	Myanmar
NA	Namibia
NR	Nauru
NP	Nepal
NL	Netherlands
AN	Netherlands Antilles
NC	New Caledonia
NZ	New Zealand
NI	Nicaragua
NE	Niger
NG	Nigeria
NU	Niue
NF	Norfolk Island
MP	Northern Mariana Islands
NO	Norway
OM	Oman
PK	Pakistan
PW	Palau
PS	Palestinian Territory, Occupied
PA	Panama
PG	Papua New Guinea
PY	Paraguay
PE	Peru
PH	Philippines
PN	Pitcairn
PL	Poland
PT	Portugal
PR	Puerto Rico
QA	Qatar
RE	Reunion
RO	Romania
RU	Russian Federation
RW	Rwanda
SH	Saint Helena

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Appendix B2

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Country Name

CountryCode	Description
KN	Saint Kitts And Nevis
LC	Saint Lucia
PM	Saint Pierre And Miquelon
VC	Saint Vincent And The Grenadines
WS	Samoa
SM	San Marino
ST	Sao Tome And Principe
SA	Saudi Arabia
SN	Senegal
RS	Serbia *
CS	Serbia And Montenegro (Deleted as of April 2007 – see ME and RS) *
SC	Seychelles
SL	Sierra Leone
SG	Singapore
SK	Slovakia
SI	Slovenia
SB	Solomon Islands
SO	Somalia
ZA	South Africa
GS	South Georgia And The South Sandwich Islands
ES	Spain
LK	Sri Lanka
SD	Sudan
SR	Suriname
SJ	Svalbard And Jan Mayen
SZ	Swaziland
SE	Sweden
CH	Switzerland
SY	Syrian Arab Republic
TW	Taiwan, Province Of China
TJ	Tajikistan
TZ	Tanzania, United Republic Of
TH	Thailand
TL	Timor Leste
TG	Togo
TK	Tokelau
TO	Tonga

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Appendix B2

Country Codes

ISO 3166-1 Alpha-2 Standard (as of April 2007)

Not to be used for US SEVIS Purposes

Sorted by Country Name

CountryCode	Description
--------------------	--------------------

TT	Trinidad And Tobago
TN	Tunisia
TR	Turkey
TM	Turkmenistan
TC	Turks And Caicos Islands
TV	Tuvalu
UG	Uganda
UA	Ukraine
AE	United Arab Emirates
GB	United Kingdom
US	United States
UM	United States Minor Outlying Islands
UY	Uruguay
UZ	Uzbekistan
VU	Vanuatu
VE	Venezuela
VN	Viet Nam
VG	Virgin Islands, British
VI	Virgin Islands, U.S.
WF	Wallis And Futuna
EH	Western Sahara
YE	Yemen
ZM	Zambia
ZW	Zimbabwe

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Appendix C – Sample XML Student College Transcript Version 1.3.0 to be used with Appendix D

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSPY v2010 (http://www.altova.com) -->
<!-- Sample XML file generated by XMLSPY v2010 (http://www.altova.com)-->
<ColTrn:CollegeTranscript xmlns:ColTrn="urn:org:pesc:message:CollegeTranscript:v1.2.0"
xmlns:AcRec="urn:org:pesc:sector:AcademicRecord:v1.5.0"
xmlns:core="urn:org:pesc:core:CoreMain:v1.8.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="urn:org:pesc:message:CollegeTranscript:v1.2.0
CollegeTranscript_v1.2.0.xsd">
  <TransmissionData>
    <DocumentID>050330001</DocumentID>
    <CreatedDateTime>2005-02-02T10:04:29-05:00</CreatedDateTime>
    <DocumentTypeCode>RequestedRecord</DocumentTypeCode>
    <TransmissionType>Original</TransmissionType>
    <Source>
      <Organization>
        <ATP>006882</ATP>
        <LocalOrganizationID>

        <LocalOrganizationIDCode>123456</LocalOrganizationIDCode>

        <LocalOrganizationIDQualifier>TX</LocalOrganizationIDQualifier>
        </LocalOrganizationID>
        <OrganizationName>THE UNIVERSITY OF TEXAS AT
AUSTIN</OrganizationName>
      <Contacts>
        <Address>
          <AddressLine>Office of the Registrar</AddressLine>
          <City>Austin</City>
          <StateProvinceCode>TX</StateProvinceCode>
          <PostalCode>78712</PostalCode>
          <AttentionLine>Jane Shaugness</AttentionLine>
        </Address>
        <Phone>
          <AreaCityCode>512</AreaCityCode>
          <PhoneNumber>4757638</PhoneNumber>
        </Phone>
        <FaxPhone>
          <AreaCityCode>512</AreaCityCode>
          <PhoneNumber>4757600</PhoneNumber>
        </FaxPhone>
        <Email>

        <EmailAddress>Registrar@mail.utexas.edu</EmailAddress>
        </Email>
        <URL>
          <URLAddress>www.utexas.edu</URLAddress>
        </URL>
      </Contacts>
    <Accreditation>
```

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```

        <AccreditingBodyCode>SACS</AccreditingBodyCode>
        <AccreditingBodyName>Southern Association of Colleges and
Schools</AccreditingBodyName>
        </Accreditation>
    </Organization>
</Source>
<Destination>
    <Organization>
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        <LocalOrganizationID>
            <LocalOrganizationIDCode>1234</LocalOrganizationIDCode>
        <LocalOrganizationIDQualifier>FL</LocalOrganizationIDQualifier>
        </LocalOrganizationID>
        <OrganizationName>Miami Dade College</OrganizationName>
    </Organization>
</Destination>
    <RequestTrackingID>23456778009</RequestTrackingID>
</TransmissionData>
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        </Birth>
        <Name>
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        <FirstName>Test</FirstName>
            <MiddleName>Record</MiddleName>
            <MiddleName>Test</MiddleName>
            <LastName>Speede</LastName>
            <NameSuffix>IV</NameSuffix>
        </Name>
        <HighSchool>
            <OrganizationName>AUSTIN HIGH SCHOOL</OrganizationName>
            <CEEBACT>440320</CEEBACT>
        </HighSchool>
        <Contacts>
            <Address>
                <AddressLine>1223 University Dr</AddressLine>
                <City>Austin</City>
                <StateProvinceCode>TX</StateProvinceCode>
                <PostalCode>78211</PostalCode>
                <ExpirationDate>2009-06-15</ExpirationDate>
            </Address>
            <Email>
                <EmailAddress>TestSpeede@aol.com</EmailAddress>
            </Email>
        </Contacts>
        <Gender>
            <GenderCode>Female</GenderCode>
        </Gender>
        <Deceased>

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```

        <DeceasedIndicator>true</DeceasedIndicator>
    </Deceased>
</Person>
<AcademicRecord>
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        <CEEBACT>440320</CEEBACT>
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        <NoteMessage>LOCATION: AUSTIN, TX</NoteMessage>
    </School>
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        <AcademicAwardDate>1985-05-01</AcademicAwardDate>
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    </AcademicAward>
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COLLEGE</OrganizationName>
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    </School>
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STATION</OrganizationName>
        <ATP>006003</ATP>
        <SchoolOverrideCode>Transfer</SchoolOverrideCode>
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        </GPA>
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        <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
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STATION </OrganizationName>
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        <CourseCIPCode>999</CourseCIPCode>

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        <CourseNumber>406</CourseNumber>
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        <CourseTitle>BEGINNING SPANISH 1</CourseTitle>
    </Course>
    <Course>
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        <CourseCreditEarned>3</CourseCreditEarned>

    <CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
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        <CourseCIPCode>999</CourseCIPCode>
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    </Course>
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            <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
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STATION </OrganizationName>
            <ATP>006003</ATP>
            <SchoolOverrideCode>Transfer</SchoolOverrideCode>
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```

    <Course>
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      <CourseCreditUnits>Semester</CourseCreditUnits>
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      <CourseCreditEarned>4</CourseCreditEarned>

    <CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
      <CourseAcademicGrade>A</CourseAcademicGrade>
      <CourseRepeatCode>NotCountedOther</CourseRepeatCode>
      <CourseCIPCode>999</CourseCIPCode>

    <CourseSubjectAbbreviation>SPN</CourseSubjectAbbreviation>
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      <CourseTitle>BEGINNING SPANISH 2</CourseTitle>
    </Course>
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  <AcademicSessionDetail>
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    <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
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    <SessionType>Semester</SessionType>
  </AcademicSessionDetail>
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SCIENCES</AcademicProgramName>
  </AcademicProgram>
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    <NoteMessage>EFFECTIVE SPRING 1987 SCHOLASTIC
PROBATION</NoteMessage>
    <Delinquencies>ProbationGPA</Delinquencies>
  </AcademicSummary>
</AcademicSession>
<AcademicSession>
  <AcademicSessionDetail>
    <SessionDesignator>1986-09</SessionDesignator>
    <SessionDesignatorSuffix>2</SessionDesignatorSuffix>
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    <SessionType>Semester</SessionType>
  </AcademicSessionDetail>
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  </AcademicProgram>
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    <CourseCreditLevel>LowerDivision</CourseCreditLevel>
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    <CourseCreditEarned>3</CourseCreditEarned>

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```

<CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
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    <CourseTitle>AMERICAN GOVERNMENT</CourseTitle>
</Course>
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    <CourseCreditEarned>0</CourseCreditEarned>

<CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
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    <CourseCIPCode>999</CourseCIPCode>
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    <CourseNumber>309K</CourseNumber>
    <CourseTitle>WESTERN CIV IN MEDIEVAL
TIMES</CourseTitle>
</Course>
<Course>
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    <CourseCreditUnits>Semester</CourseCreditUnits>
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    <CourseNumber>305G</CourseNumber>
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    <CourseTitle>ELEM FUNCTIONS-COORD
GEOMETRY</CourseTitle>
</Course>
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        <CreditHoursEarned>7</CreditHoursEarned>
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```

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        <SessionDesignatorSuffix>2</SessionDesignatorSuffix>
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    </AcademicSessionDetail>
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ARTS</AcademicProgramName>
    </AcademicProgram>
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        <CourseCreditUnits>Semester</CourseCreditUnits>
        <CourseCreditLevel>UpperDivision</CourseCreditLevel>
        <CourseCreditValue>3</CourseCreditValue>
        <CourseCreditEarned>3</CourseCreditEarned>

    <CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
        <CourseAcademicGrade>A</CourseAcademicGrade>
        <CourseCIPCode>999</CourseCIPCode>

    <CourseSubjectAbbreviation>GOV</CourseSubjectAbbreviation>
        <CourseNumber>320K</CourseNumber>
        <OriginalCourseID> </OriginalCourseID>
        <CourseTitle>AMER CONSTITUTIONAL DEVEL</CourseTitle>
    </Course>
    <AcademicSummary>

    <AcademicSummaryLevel>Undergraduate</AcademicSummaryLevel>
        <GPA>
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            <CreditHoursEarned>15</CreditHoursEarned>
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        </GPA>
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ENDED
</NoteMessage>

        <Delinquencies>GoodStanding</Delinquencies>
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</AcademicSession>
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    <AcademicSessionDetail>
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        <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
        <SessionName>SUMMER SEMESTER 1988</SessionName>
        <SessionType>SummerSession</SessionType>
    </AcademicSessionDetail>
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ARTS</AcademicProgramName>
    </AcademicProgram>
    <Course>

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```

        <CourseCreditBasis>CreditByExam</CourseCreditBasis>
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        <CourseCreditEarned>3</CourseCreditEarned>

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    <CourseNumber>346K</CourseNumber>
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COLLEGE</OrganizationName>
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    </CourseOverrideSchool>
    </Course>
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    <AcademicSessionDetail>
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ARTS</AcademicProgramName>
    </AcademicProgram>
    <Course>
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        <CourseCreditUnits>Semester</CourseCreditUnits>
        <CourseCreditLevel>LowerDivision</CourseCreditLevel>
        <CourseCreditValue>3</CourseCreditValue>
        <CourseCreditEarned>3</CourseCreditEarned>

    <CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
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    <AcademicSessionDetail>
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        <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
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ARTS</AcademicProgramName>
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            <CourseCreditUnits>Semester</CourseCreditUnits>
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            <CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
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            <CourseCIPCode>999</CourseCIPCode>

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            <CourseCreditUnits>Semester</CourseCreditUnits>
            <CourseCreditLevel>LowerDivision</CourseCreditLevel>
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            <CourseCreditEarned>3</CourseCreditEarned>

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SOCIETY</CourseTitle>
        </Course>
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            <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
            <SessionName>FALL SEMESTER 1989</SessionName>
            <SessionType>Semester</SessionType>
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```

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```

        <AcademicProgram>
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ARTS</AcademicProgramName>
        </AcademicProgram>
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            <CourseCreditUnits>Semester </CourseCreditUnits>
            <CourseCreditLevel>UpperDivision</CourseCreditLevel>
            <CourseCreditValue>3</CourseCreditValue>
            <CourseCreditEarned>3</CourseCreditEarned>

        <CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
            <CourseAcademicGrade>A</CourseAcademicGrade>
            <CourseCIPCode>999</CourseCIPCode>
            <CourseSubjectAbbreviation>HIS</CourseSubjectAbbreviation>
            <CourseNumber>344D</CourseNumber>
            <CourseTitle>ENGLAND IN THE MIDDLE AGES</CourseTitle>
        </Course>
        <Course>
            <CourseCreditBasis>Regular</CourseCreditBasis>
            <CourseCreditUnits>Semester </CourseCreditUnits>
            <CourseCreditLevel>UpperDivision</CourseCreditLevel>

```

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```

        <CourseCreditValue>3</CourseCreditValue>
        <CourseCreditEarned>3</CourseCreditEarned>

<CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
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    <CourseNumber>350L</CourseNumber>
    <CourseTitle>FIRST LADIES IN THE 20TH CEN</CourseTitle>
</Course>
<AcademicSummary>

<AcademicSummaryLevel>Undergraduate</AcademicSummaryLevel>
    <GPA>
        <CreditHoursAttempted>12</CreditHoursAttempted>
        <CreditHoursEarned>12</CreditHoursEarned>
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        <GradePointAverage>4</GradePointAverage>
        <CreditHoursforGPA>12</CreditHoursforGPA>
    </GPA>
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</AcademicSession>
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    <AcademicSessionDetail>
        <SessionDesignator>2001-01</SessionDesignator>
        <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
        <SessionName>SPRING SEMESTER 2001</SessionName>
        <SessionType>Semester</SessionType>
    </AcademicSessionDetail>
    <AcademicProgram>
        <AcademicProgramName>INTERNATIONAL
EXCHANGE</AcademicProgramName>
        <NoteMessage>CURRIC: LIBERAL ARTS</NoteMessage>
    </AcademicProgram>
</AcademicSession>
<AcademicSession>
    <AcademicSessionDetail>
        <SessionDesignator>20010-01</SessionDesignator>
        <SessionDesignatorSuffix>2</SessionDesignatorSuffix>
        <SessionName>SPRING SEMESTER 2001</SessionName>
        <SessionType>Semester</SessionType>
    </AcademicSessionDetail>
    <AcademicProgram>
        <AcademicProgramName>FINE
ARTS</AcademicProgramName>
    </AcademicProgram>
<Course>
    <CourseCreditBasis>Regular</CourseCreditBasis>
    <CourseCreditUnits>Semester </CourseCreditUnits>
    <CourseCreditLevel>LowerDivision</CourseCreditLevel>
    <CourseCreditValue>3</CourseCreditValue>
    <CourseCreditEarned>3</CourseCreditEarned>

```

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```
<CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
  <CourseAcademicGrade>A</CourseAcademicGrade>
  <CourseCIPCode>999</CourseCIPCode>
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  <CourseNumber>303C</CourseNumber>
  <CourseTitle>TRAINING SPEAKING VOICE-CXS</CourseTitle>
</Course>
<Course>
  <CourseCreditBasis>Regular</CourseCreditBasis>
  <CourseCreditUnits>Semester</CourseCreditUnits>
  <CourseCreditLevel>UpperDivision</CourseCreditLevel>
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  <CourseCreditEarned>3</CourseCreditEarned>

<CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
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  <CourseCIPCode>999</CourseCIPCode>
  <CourseSubjectAbbreviation>E</CourseSubjectAbbreviation>
  <CourseNumber>321</CourseNumber>
  <CourseTitle>SHAKESPEARE: SELECTED
PLAYS</CourseTitle>
</Course>
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  <CourseCreditUnits>Semester </CourseCreditUnits>
  <CourseCreditLevel>UpperDivision</CourseCreditLevel>
  <CourseCreditValue>3</CourseCreditValue>
  <CourseCreditEarned>3</CourseCreditEarned>

<CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
  <CourseAcademicGrade>B</CourseAcademicGrade>
  <CourseCIPCode>999</CourseCIPCode>

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  <CourseNumber>365N</CourseNumber>
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POLIT</CourseTitle>
</Course>
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  <CourseCreditUnits>Semester </CourseCreditUnits>
  <CourseCreditLevel>LowerDivision</CourseCreditLevel>
  <CourseCreditValue>3</CourseCreditValue>
  <CourseCreditEarned>3</CourseCreditEarned>

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  <CourseAcademicGrade>A</CourseAcademicGrade>
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  <CourseSubjectAbbreviation>TLC</CourseSubjectAbbreviation>
  <CourseNumber>311</CourseNumber>
  <CourseTitle>INFORMATION IN CYBERSPACE</CourseTitle>
</Course>
```

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```

    <Course>
      <CourseCreditBasis>Regular</CourseCreditBasis>
      <CourseCreditUnits>Semester </CourseCreditUnits>
      <CourseCreditLevel>LowerDivision</CourseCreditLevel>
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      <CourseCreditEarned>3</CourseCreditEarned>

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      <CourseTitle>INTRO TO SOCL WORK & SOCL
WELF</CourseTitle>
    </Course>
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      <GPA>
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        <CreditHoursEarned>15</CreditHoursEarned>
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  <AcademicSession>
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      <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
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      <SessionType>Semester</SessionType>
    </AcademicSessionDetail>
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EXCHANGE</AcademicProgramName>
      <NoteMessage>CURRIC: LIBERAL ARTS</NoteMessage>
    </AcademicProgram>
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      <CourseCreditLevel>Graduate</CourseCreditLevel>
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      <CourseCIPCode>999</CourseCIPCode>
      <CourseSubjectAbbreviation>PHL</CourseSubjectAbbreviation>
      <CourseNumber>388</CourseNumber>
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    </Course>
  <Course>
    <CourseCreditBasis>Regular</CourseCreditBasis>

```

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```

    <CourseCreditUnits>Semester </CourseCreditUnits>
    <CourseCreditLevel>Graduate</CourseCreditLevel>
    <CourseCreditValue>3</CourseCreditValue>
    <CourseCreditEarned>3</CourseCreditEarned>

<CourseAcademicGradeScaleCode>501</CourseAcademicGradeScaleCode>
    <CourseAcademicGrade>CR</CourseAcademicGrade>
    <CourseRepeatCode>NotCountedOther</CourseRepeatCode>
    <CourseCIPCode>999</CourseCIPCode>
    <CourseSubjectAbbreviation>PHL</CourseSubjectAbbreviation>
    <CourseNumber>388C</CourseNumber>
    <CourseTitle>CONFERENCE COURSE</CourseTitle>
</Course>
<Course>
    <CourseCreditBasis>Regular</CourseCreditBasis>
    <CourseCreditUnits>Semester </CourseCreditUnits>
    <CourseCreditLevel>Graduate</CourseCreditLevel>
    <CourseCreditValue>3</CourseCreditValue>
    <CourseCreditEarned>3</CourseCreditEarned>

<CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
    <CourseAcademicGrade>A</CourseAcademicGrade>
    <CourseCIPCode>999</CourseCIPCode>

<CourseSubjectAbbreviation>SOC</CourseSubjectAbbreviation>
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    <CourseTitle>FUNDAMENTALS OF RESEARCH
METHODS</CourseTitle>
</Course>
<Course>
    <CourseCreditBasis>Regular</CourseCreditBasis>
    <CourseCreditUnits>Semester </CourseCreditUnits>
    <CourseCreditLevel>Graduate</CourseCreditLevel>
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    <CourseCreditEarned>3</CourseCreditEarned>

<CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
    <CourseAcademicGrade>B</CourseAcademicGrade>
    <CourseCIPCode>999</CourseCIPCode>

<CourseSubjectAbbreviation>SOC</CourseSubjectAbbreviation>
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    <CourseTitle>3-HUMAN MORTALITY</CourseTitle>
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    <GPA>
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        <CreditUnit>Semester </CreditUnit>
        <GradePointAverage>3.6666</GradePointAverage>
        <CreditHoursforGPA>9</CreditHoursforGPA>
    </GPA>
</AcademicSummary>

```

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```
                </GPA>  
            </AcademicSummary>  
        </AcademicSession>  
    </AcademicRecord>  
    </Student>  
</ColTrn:CollegeTranscript>
```

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Appendix D – Sample Transcript Acknowledgment Instance Document for Version 1.1.0 using the Sample Transcript in Appendix C of this Implementation Guide

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Sample XML file generated by XMLSpy v2011 rel. 3 (x64) (http://www.altova.com)-->
<TrnAck:Acknowledgment xsi:schemaLocation="urn:org:psc:message:TranscriptAcknowledgment:v1.1.0
TranscriptAcknowledgement_v1.1.0.xsd" xmlns:n1="http://www.altova.com/samplexml/other-namespaces"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:TrnAck="urn:org:psc:message:TranscriptAcknowledgment:v1.1.0">
  <TransmissionData>
    <DocumentID>2011-07-17-123456789</DocumentID>
    <CreatedDateTime>2011-12-17T09:30:47Z</CreatedDateTime>
    <DocumentTypeCode>Acknowledgment</DocumentTypeCode>
    <TransmissionType>Original</TransmissionType>
    <Source>
      <Organization>
        <FICE>001506</FICE>
        <LocalOrganizationID>
          <LocalOrganizationIDCode>123456</LocalOrganizationIDCode>
          <LocalOrganizationIDQualifier>FL</LocalOrganizationIDQualifier>
        </LocalOrganizationID>
        <OrganizationName>MIAMI DADE COLLEGE</OrganizationName>
        <Contacts>
          <Address>
            <AddressLine>Office of the Registrar</AddressLine>
            <City>Miami</City>
            <StateProvinceCode>FL</StateProvinceCode>
            <PostalCode>33176</PostalCode>
          </Address>
          <Phone>
            <AreaCityCode>305</AreaCityCode>
            <PhoneNumber>2372222</PhoneNumber>
          </Phone>
          <Email>
            <EmailAddress>Registrar@mdc.edu</EmailAddress>
          </Email>
          <URL>
            <URLAddress>www.mdc.edu</URLAddress>
          </URL>
        </Contacts>
        <Accreditation>
          <AccreditingBodyCode>SACS</AccreditingBodyCode>
        </Accreditation>
      </Organization>
    </Source>
    <Destination>
      <Organization>
        <ATP>006882</ATP>
        <LocalOrganizationID>
          <LocalOrganizationIDCode>123456</LocalOrganizationIDCode>
          <LocalOrganizationIDQualifier>TX</LocalOrganizationIDQualifier>
        </LocalOrganizationID>
        <OrganizationName>THE UNIVERSITY OF TEXAS AT AUSTIN</OrganizationName>
        <Contacts>
          <Address>
            <AddressLine>Office of the Registrar</AddressLine>
            <City>Austin</City>
            <StateProvinceCode>TX</StateProvinceCode>
            <PostalCode>78712</PostalCode>
            <AttentionLine>Jane Shaugness</AttentionLine>
          </Address>
          <Phone>
```

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```

        <AreaCityCode>512</AreaCityCode>
        <PhoneNumber>4757688</PhoneNumber>
    </Phone>
    <FaxPhone>
        <AreaCityCode>512</AreaCityCode>
        <PhoneNumber>4757600</PhoneNumber>
        <PhoneNumberExtension>a</PhoneNumberExtension>
    </FaxPhone>
    <Email>
        <EmailAddress>Registrar@mail.utexas.edu</EmailAddress>
    </Email>
    <URL>
        <URLAddress>www.utexas.edu</URLAddress>
    </URL>
    </Contacts>
    <Accreditation>
        <AccreditingBodyCode>SACS</AccreditingBodyCode>
    </Accreditation>
</Organization>
</Destination>
<RequestTrackingID>23456778009</RequestTrackingID>
</TransmissionData>
<Person>
    <SSN>100000000</SSN>
    <Birth>
        <BirthDate>1967-07-14</BirthDate>
    </Birth>
    <Name>
        <NameCode>Legal</NameCode>
        <FirstName>Test</FirstName>
        <MiddleName>Record</MiddleName>
        <MiddleName>Test</MiddleName>
        <LastName>Speede</LastName>
        <NameSuffix>IV</NameSuffix>
    </Name>
    <Contacts>
        <Address>
            <AddressLine>1223 University Dr</AddressLine>
            <City>Austin</City>
            <StateProvinceCode>TX</StateProvinceCode>
            <PostalCode>78211</PostalCode>
            <ExpirationDate>2009-06-15</ExpirationDate>
        </Address>
        <Email>
            <EmailAddress>TestSpeede@aol.com</EmailAddress>
        </Email>
    </Contacts>
    <Gender>
        <GenderCode>Female</GenderCode>
    </Gender>
    <Deceased>
        <DeceasedIndicator>true</DeceasedIndicator>
    </Deceased>
</Person>
<AcademicSummary>
    <AcademicSummaryType>All</AcademicSummaryType>
    <AcademicSummaryLevel>Undergraduate</AcademicSummaryLevel>
    <GPA>
        <CreditHoursAttempted>159</CreditHoursAttempted>
        <CreditHoursEarned>136</CreditHoursEarned>
        <CreditUnit>Semester</CreditUnit>
        <GradePointAverage>3.0915</GradePointAverage>
        <CreditHoursforGPA>153</CreditHoursforGPA>
    </GPA>
</AcademicSummary>
<AcademicAwardTotal>0</AcademicAwardTotal>

```

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```
<CourseTotal>24</CourseTotal>  
</TrnAck:Acknowledgment>
```

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Appendix E

Record of Changes Made to the Schema and Implementation Guide Since Version 1.0.0

Version 1.0.0

The initial version of the Implementation Guide was issued when the standard was approved in October 2005. It was based on Version 1.3.0 of the Core Main Schema and Version 1.2.0 of the Academic Record Sector Schema.

Version 1.1.0

Version 1.1.0 of the PESC XML Student Transcript Acknowledgment Schema was approved and released in April 2011.

Version 1.1.0 was a minor change to the schema.

This means that all those users of the schema that upgrade to the latest version (1.1.0) of the schema can receive and process all instance documents that were created using Version 1.0.0.

However, those users who are using Version 1.0.0 *may* not be able to receive all instance documents created with Version 1.1.0 of the schema. Any instance document that does not use the new optional data elements introduced in the newer version and does not use the new enumerated values for data elements that were contained in Version 1.0.0 may still be processed with no problems.

Changes made in Version 1.1.0 were as follows:

Diagrams: Many of the diagrams in the first Implementation Guide used for complex data elements were incorrect in the cardinality of some data elements. These diagrams were corrected in this version.

TransmissionData.Source.Organization: A new (13th) optional code set, MutuallyDefined, was added to the list of choice code sets to identify organizations and schools. Although it should be rarely needed, if a code cannot be found for a school or other organization in one of the others, then trading partners can agree to create new mutually defined codes.

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AcademicRecord.School: Once again, a new choice code set of “MutuallyDefined” and a new optional complex data element “LocalOrganizationID” were added.

AcademicSummaryType: Three new enumerated values were added (Weighted, NonWeighted, and Cumulative).

AcademicSummary.GPA: Two new optional data elements were added (GPARangeMinimum and GPARangeMaximum). In addition, some enumerated values with trailing spaces were included in “CreditUnit” in version 1.0.0. New values have been added without the trailing spaces, and the values with the trailing spaces will be deleted in a future release.

Appendix B of Country Codes: These two lists were updated from the latest available list from ISO.

Accreditation Information: An optional complex data element was added as child to the complex data element “Organization” to allow for a sending school to provide information about its accreditation. Although it appears in all iterations of “Organization”, it is only intended to be used when “Organization” appears in the complex data element “Source” when it is child to “TransmissionData”.

Organization ID Group: Two new optional code sets were added to this group of code sets. PSS was added to provide a code set for private secondary schools and PSIS was added to provide the latest set of codes for postsecondary schools in Canada.

FaxPhone: A new complex data element “FaxPhone” was added as a child to “Contacts”.

Effective and Expiration Dates for Contacts: These two new optional data elements were added to the address, phone and fax phone complex data elements.

Name: A new optional data element “NameCode” was added as child to “Name”. It has enumerated values such as Nickname and Legal Name. In addition, new enumerated values (VI through X) were added to Name Suffix.

AcademicHonors: This complex data element was made repeatable in those cases where it had previously been not repeatable.

UserDefinedExtensions: This optional complex data element which is really a mini schema was added to several places in the schema.

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Organization ID Group: In previous versions, the Organization ID Group presented the sender with a choice of *one* of a list of code sets used to identify a school or other organization. In this version, this was modified so that the sender can send either one, or more than one code that can identify a school or other organization. For example, a school may have a code in the FICE code set, and a code in the OPEID code set, and another code in the ACT code set. The sender may now send only one, or more of these codes.

Language: The optional complex data element “Language” was added as child to “Person”. This allows the sender to include information about a student’s ability to speak, write and understand one or more languages.

Partial Social Security Number: Although the US FERPA regulations do not preclude the inclusion of the complete SSN on an official student transcript, many schools prefer to send only the last four digits of the SSN on the transcript. A new optional simple data element “PartialSSN” has been added as child to “Person” for schools that prefer to send only the last four digits.

Agency Identifier: A new optional complex data element “AgencyIdentifier” has been added as child to “Person” to be used in place of the existing simple data element “AgencyAssignedID”. By using the new complex data element, it is now possible to send both the assigned student ID, and the identification of the agency or state that assigned the ID.

DocumentTypeCode: In this version, a new enumerated value was added (“Acknowledgment”) for use in this schema.