



Supplemental Implementation Guide

to the

Postsecondary Electronic Standards Council

XML Standard Format

for

Education Test Score Reporting

Student.AcademicRecord Element

Version 1.0.0.1

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Introduction

This document is a supplemental guide for developers implementing software to process XML files based upon the Education Test Score Reporting standard. Since most testing organizations do not send transcript information with the test scores and since the transcript information is quite extensive, the PESC workgroup that created this standard determined that transcript information would be published in a separate guide. This guide should be used by organizations wishing to combine official transcripts with official test scores.

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

Business Problem

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

Roles and Responsibilities

Test Reporting Organization to Postsecondary Institution or State Agency

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

The test reporting organization has the following responsibilities:

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

The test score recipient has the following responsibilities:

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

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

Organization and Format

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

- TransmissionData
- Student
- NoteMessage
- UserDefinedExtensions

However, three of these elements are complex and branch to form other elements, which in turn branch out further. This Guide **only includes the element *Student.AcademicRecord*** and its subelements.

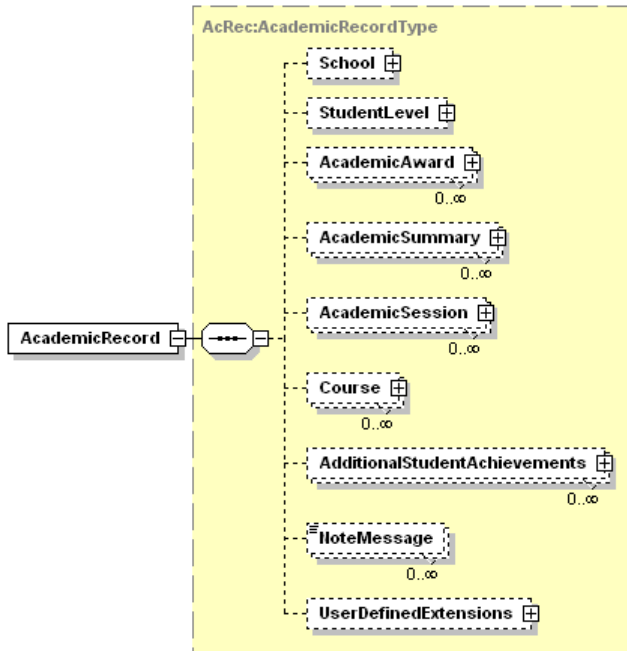
It is organized so that each level of branching is documented in the order as follows:

```
Student Data Level I
  Sub-level IA
    Sub-level IA1
      Sub-level IA1a
      Sub-level IA1b
      Sub-level IA1c
    Sub-level IA2
      Sub-level IA2a
      Sub-level IA2b
  Sub-level IB
    Sub-level IB1
      Sub-level IB1a
      (And so on.)
```

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

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

Example:



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

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

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

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

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

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

Under each diagram, 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 score report with real data for an actual student that institutions would exchange.) The format for the tag name is Upper Camel Case which takes a name such as “Transmission Data” and eliminates the space between the two words, retaining the capital letters of each word making up the tag name.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```
<Course>
```

```
</Course>
```

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

```
<NoteMessage/>
```

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

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

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

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

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

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

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

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

Code Example:

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

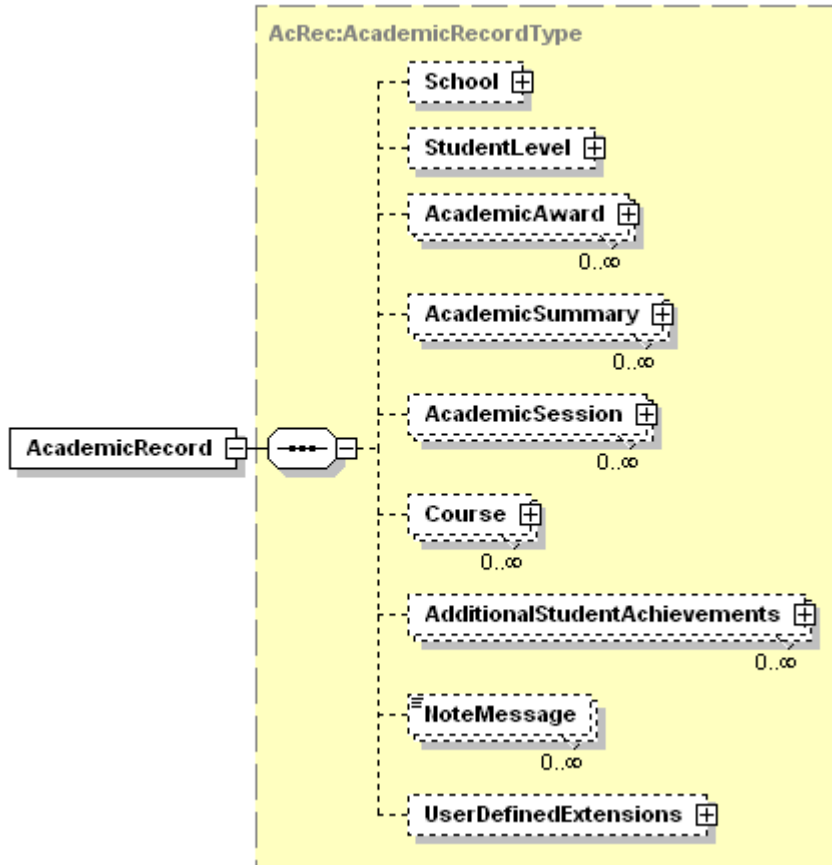
Please reference PESC Guidelines for XML Architecture and Data Modeling page 46 (<http://www.pesc.org/info/policies/PESC-Guidelines-for-XML-Architecture-and-Data-Modeling-v3-0.doc>) for a full explanation on the usage of user-defined extensions.

Development History and Acknowledgments

| Date | Author(s) | Status | Version | Change Description |
|-------------|---|---------------|----------------|---|
| 3/23/09 | Michael D. Morris Susannah Ferdinand Jill Mordick | Released | 1.0.0 | Initial Release |
| 9/28/09 | Michael D. Morris Cindy Donner | Revision | 1.1 | Text and Diagrams updated per XML Schema. Current document reflects AcademicRecord:v1.6.0 and CoreMain:v1.7.0 |

XML Structure

Student.AcademicRecord



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------|---|--|-----------------|----------------------|
| School | Optional | Override school | Conditional | minOcc 0 maxOcc 1 |
| | Comment: Recommended when the school for this repetition of AcademicRecord differs from the Sending institution. Not Recommended when this AcademicRecord belongs to the Sending institution. | | | |
| StudentLevel | Optional | Used to indicate the grade level of the student at the time the test score report is being sent, or the last grade level of the student. | Recommended | minOcc 0 maxOcc 1 |
| AcademicAward | Optional Repeatable | Academic awards, degrees, diplomas, certifications, etc. | Recommended | minOcc 0 maxOcc ∞ |
| | Comment: AcademicAward in this position is not tied to an AcademicSession. Some institutions may instead wish to indicate AcademicAward in the AcademicSession in which it was earned. However, the Workgroup that developed this test score report schema recommends that the award of the high school diploma be included at this point in the schema. | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| AcademicSummary | Optional Repeatable | Used to send summary totals for all work taken at a certain academic level | Recommended | minOcc 0 maxOcc ∞ |
| <p>Comment: <i>AcademicSummary in this position is not tied to an AcademicSession. Some institutions may instead (or also) wish to include AcademicSummary in the AcademicSession in which it was earned. It is also recommended by the Workgroup that developed the PESC XML Test score report Schema that this is also the most appropriate place to include the student's rank in class if this information is included on the test score report.</i></p> | | | | |
| AcademicSession | Optional Repeatable | Course, award and summary information related to a specific time period. Typically arranged into successive semesters or school years and is the preferred method for conveying academic coursework. | Recommended | minOcc 0 maxOcc ∞ |
| Course | Optional Repeatable | Academic coursework not related to a specific academic session. | Optional | minOcc 0 maxOcc ∞ |
| <p>Comment: <i>Course in this position is not tied to an AcademicSession. It is appropriate here when session information is not known or when the course is not related to a specific academic session. It is recommended to include coursework within academic session whenever possible.</i></p> | | | | |
| AdditionalStudentAchievements | Optional Repeatable | Achievements not tied to a specific course, session or award. | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the student's academic record. | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| UserDefinedExtensions | Optional | Additional structured information. Requires mutually defined XML schema. | Optional | minOcc 0 maxOcc 1 |

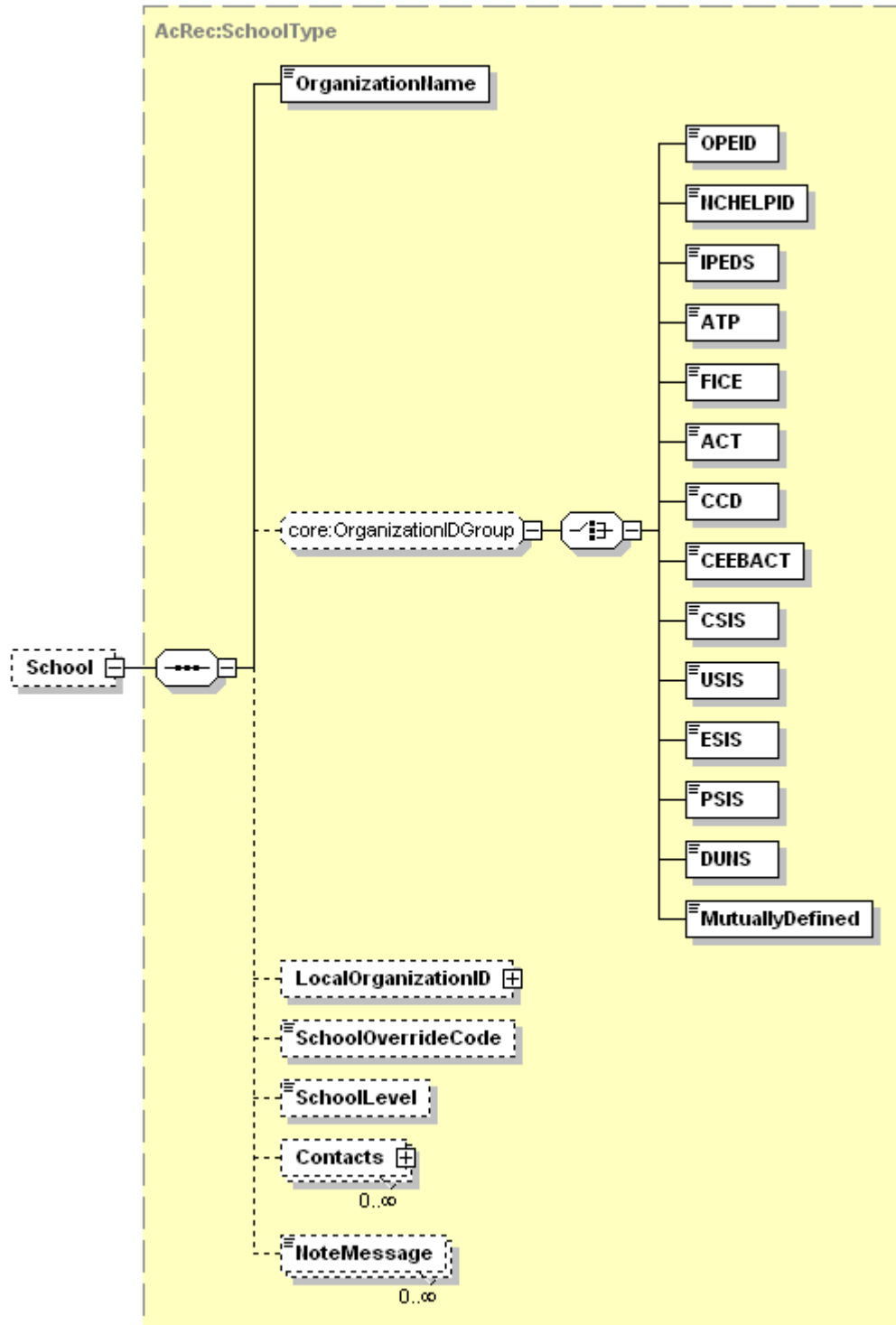
Code Example:

```

<AcademicRecord>
  <School>
    SubElement omitted to save space
  </School>
  <StudentLevel>
    SubElement omitted to save space
  </StudentLevel>
  <AcademicAward>
    SubElement omitted to save space
  </AcademicAward>
  <AcademicSummary>
    SubElement omitted to save space
  </AcademicSummary>
  <AcademicSession>
    SubElement omitted to save space
  </AcademicSession>
  <Course>
    SubElement omitted to save space
  </Course>
  <AdditionalStudentAchievements>
    SubElement omitted to save space
  </AdditionalStudentAchievements>
  <NoteMessage/>
  <UserDefinedExtensions/>
</AcademicRecord>
    
```

Student.AcademicRecord.School

Note: School at this position in the Schema is an optional complex data element, but if it is included, then the Organization Name (Name of this Override School) must be included.



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------------|---|-----------------------|---|
| OrganizationName | Required | Name of Override School. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 60 |
| Comment: This is the name of the school where the student earned this academic record, if it is different from the school creating the student's record. If this school is the same as the school creating the student's record, this entire portion of data is not needed and should not be sent. | | | | |
| [OrganizationIDGroup] | Optional | Allowable Organization IDs - Exclusive choice | Recommended | minOcc 0 maxOcc 1 |
| Comment: This is an optional exclusive choice which means that it is not necessary to send any one of the following institutional codes, but if you choose to send one, you may only send one code. | | | | |
| OPEID | Optional exclusive choice | The unique identifier assigned by the Office of Postsecondary Education for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| Comment: This is an acceptable choice for an override school for the test score report if the courses taken were taken at a postsecondary institution.. | | | | |
| NCHELPID | Optional exclusive choice | The unique identifier assigned by National Council on Higher Education Loan Programs for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| Comment: This is not an acceptable choice for an override school for the test score report. | | | | |
| IPEDS | Optional exclusive choice | The unique identifier assigned by the National Center for Education Statistics for the Integrated Postsecondary Education Data System for each postsecondary data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: This is an acceptable choice for an override school for the test score report if the courses taken were taken at a postsecondary institution.. | | | | |
| ATP | Optional exclusive choice | The unique identifier assigned for the Admissions Testing Program by the College Board for each postsecondary data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: This is an acceptable choice for an override school for the test score report if the courses taken were taken at a postsecondary institution.. | | | | |
| FICE | Optional exclusive choice | The unique identifier assigned for the Federal Interagency Committee on Education by the US Department of Education's National Center for Education Statistics for each postsecondary data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: This is an acceptable choice for an override school for the test score report if the courses taken were taken at a postsecondary institution.. | | | | |
| ACT | Optional exclusive choice | The unique identifier assigned by the American College Testing or ACT for each postsecondary data exchange partner. See www.act.org. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 4 maxLen 4 |
| Comment: This is an acceptable choice for an override school for the test score report if the courses taken were taken at a postsecondary institution.. | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------------------|---|--------------------------|--|
| CCD | Optional exclusive choice | The unique identifier assigned by the US Department of Education's National Center for Education Statistics as the Common Core of Data for each K12 data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |
| CEEBACT | Optional exclusive choice | The unique identifier assigned by the College Entrance Examining Board and ACT for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| CSIS | Optional exclusive choice | The unique identifier assigned by the Statistics Canada Canadian College Student Information System for each data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| USIS | Optional exclusive choice | The unique identifier assigned by the Statistics Canada University Student Information System for each data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| ESIS | Optional exclusive choice | The unique identifier assigned by the Statistics Canada Enhanced Student Information System for each data exchange partner. | Recommended (use one) | minOcc 0 maxLen 1 minLen 8 maxLen 8 |
| PSIS | Optional exclusive choice | A seven digit Canadian code that identifies primary and secondary educational institutions | Not Recommended | minOcc 0 maxLen 1 minLen 7 maxLen 7 |
| Comment: This may be used if the code is not available in one of the other code sets such as CEEB. | | | | |
| DUNS | Optional exclusive choice | Data Universal Numbering System (DUNS), unique nine character company identification number issued by Dun and Bradstreet Corporation. | Not Recommended | minOcc 0 maxOcc 1 minLen 9 maxLen 9 |
| LocalOrganizationID | Optional | A code set typically used by a state, province or region to further identify the school whose record is beng sent | Optional | minOcc 0 maxOcc 1 |
| SchoolOverrideCode | Optional | The source of the academic credit if not awarded by the home or parent institution. Institutional – Institutional Agreement Multicampus – Multiple Campus Course Offering Transfer – Transfer Credit StudyAbroad – Study Abroad Coop – Cooperative Program Reciprocal – Reciprocal Exchange Internship – Internship | Recommended | minOcc 0 maxOcc 1 Enumeration: Institutional Multicampus Transfer StudyAbroad Coop Reciprocal Internship |
| SchoolLevel | Optional | Indicates level of Override School | Recommended | minOcc 0 maxOcc 1 Enumeration: Elementary Secondary Postsecondary |
| Contacts | Optional Repeatable | Contact info at Override School | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the Override School | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|-------------|-----------------|--------|
| <p>Comment: This is not the recommended place in the schema to include information about the school that is sending the student test score report. The recommended place in the schema for that information is under <i>TransmissionData.Source</i>. This is the place to send information about an override school. A typical use would be to indicate the school here that offered courses that the student transferred in to the sending school.</p> | | | | |

Code Example:

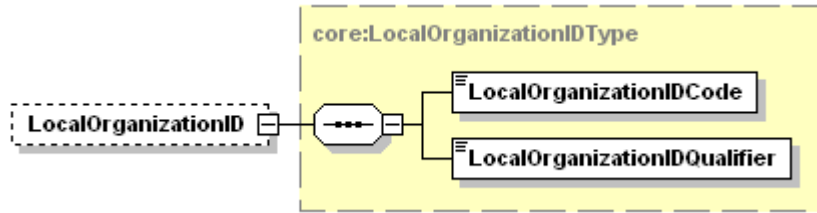
```

<School>
  <OrganizationName>New Trier Township High School</OrganizationName>
  <CEEBACT>144430<CEEBACT>
  <LocalOrganizationID>
    SubElements omitted to save space.
  </LocalOrganizationID>
  <SchoolLevel>Secondary</SchoolLevel>
  <Contacts>
    SubElements omitted to save space.
  </Contacts>
  <NoteMessage/>
</School>

```

Student.AcademicRecord.School.LocalOrganizationID

Note: Although LocalOrganizationID is an optional complex data element, if it is included, then both the LocalOrganizationIDCode and the LocalOrganizationIDQualifier must be included.

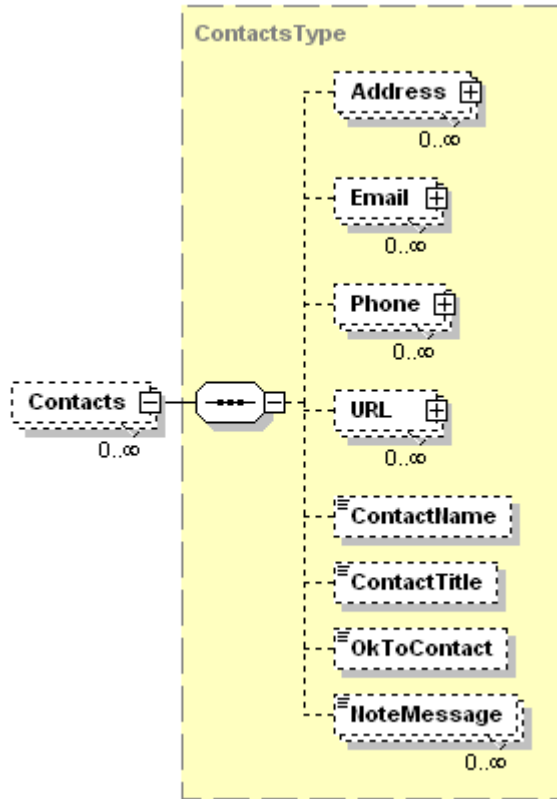


| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|--|
| LocalOrganizationIDCode | Required | The code assigned for the receiving school by the state, province or other mutually defined agency specified in the Local Organization ID Qualifier that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

Code Example:

```
<LocalOrganizationID>
  <LocalOrganizationIDCode>12345678</LocalOrganizationIDCode>
  <LocalOrganizationIDQualifier>IL</LocalOrganizationIDQualifier>
</LocalOrganizationID>
```

Student.AcademicRecord.School.Contacts



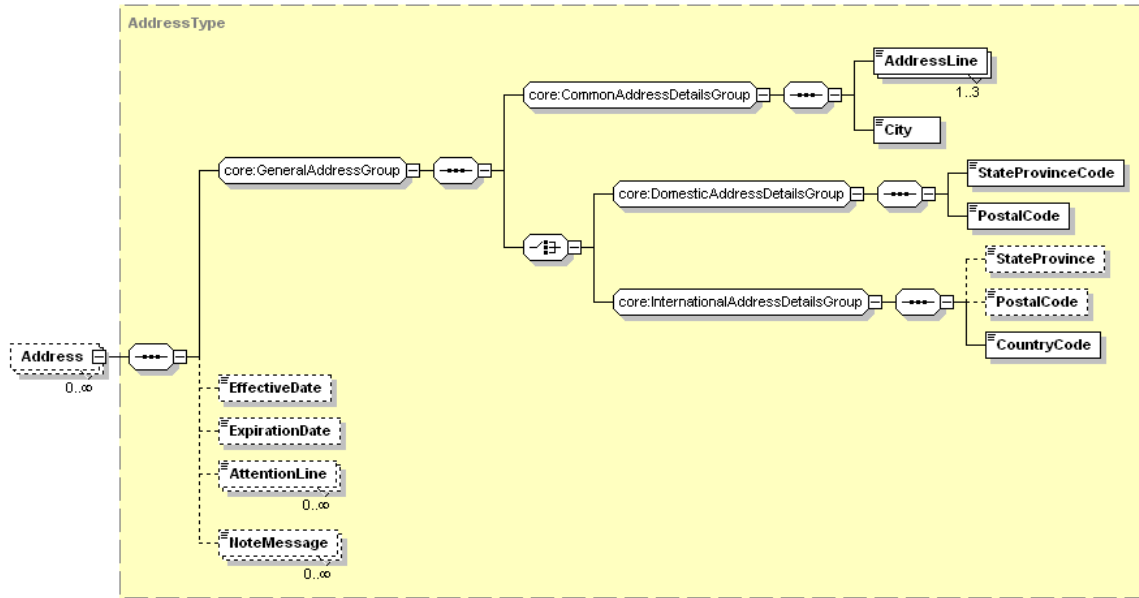
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|---|-----------------|--|
| Address | Optional Repeatable | Address of the Override School | Recommended | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email Address of the Override School | Optional | minOcc 0 maxOcc ∞ |
| Phone | Optional Repeatable | Phone Number of the Override School | Optional | minOcc 0 maxOcc ∞ |
| URL | Optional Repeatable | Universal Resouce Locator of the Override School | Optional | minOcc 0 maxOcc ∞ |
| ContactName | Optional Repeatable | Name of the contact at the Override School | Optional | minOcc 0 maxOcc ∞ |
| ContactTitle | Optional Repeatable | Job title or position of the contact at the Override School | Optional | minOcc 0 maxOcc ∞ |
| OkToContact | Optional Repeatable | Indicates if the contact person at the Override school may be contacted for additional information. | Optional | minOcc 0 maxOcc ∞ Enumeration: Yes No |
| NoteMessage | Optional Repeatable | Additional information about the contacts at the Override School | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Contacts>
  <Address>
    SubElements omitted to save space.
  </Address>
  <Email>
    SubElements omitted to save space.
  </Email>
  <Phone>
    SubElements omitted to save space.
  </Phone>
  <URL>
    SubElements omitted to save space.
  </URL>
  <ContactName>Rose Reinhardt</ContactName>
  <ContactTitle>Director Admissions</ContactTitle>
  <OkToContact>Yes</OKToContact>
  <NoteMessage/>
</Contacts>
```

Student.AcademicRecord.School.Contacts.Address

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



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

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

Code Example (Domestic Address):

```

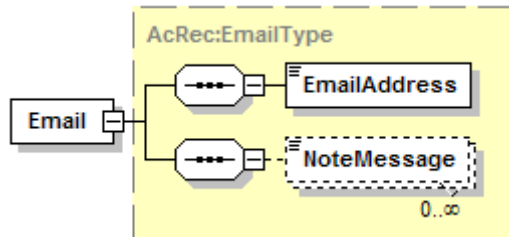
<Address>
  <AddressLine>1715 W Cesar Chavez</AddressLine>
  <City>Austin</City>
  <StateProvinceCode>TX</StateProvinceCode>

```

```
<PostalCode>78703</PostalCode>  
<AttentionLine>Jane Doe</AttentionLine>  
<AttentionLine>GuidanceCounselor</AttentionLine>  
<NoteMessage/>  
</Address>
```

Student.AcademicRecord.School.Contacts.Email

Note: Although Email is an optional complex data element, if it is included, then the data element EmailAddress must be included.



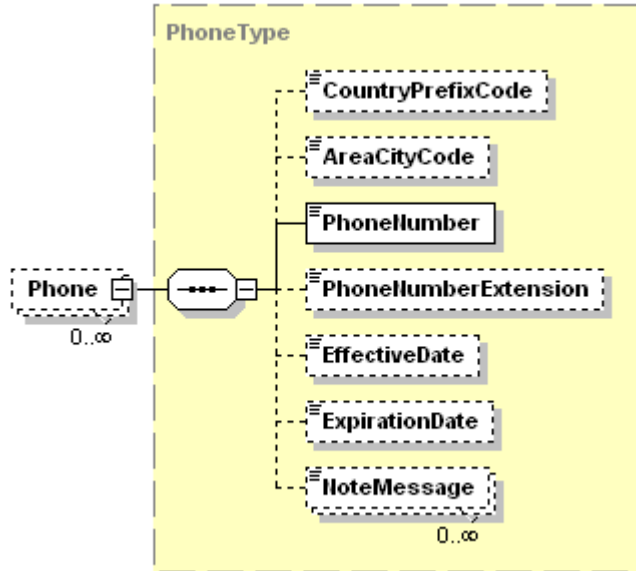
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|---|-----------------|--|
| EmailAddress | Required | The numbers, letters, and symbols used to identify an electronic mail (Email) user within a network | Required | minOcc 1 maxOcc 1 minLen 1 maxLen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

Code Example:

```
<Email>
  <EmailAddress>Registrar@School.edu</EmailAddress>
  <NoteMessage/>
</Email>
```


Student.AcademicRecord.School.Contacts.Phone

Note: Although Phone is an optional complex data element, if it is included, then the data element PhoneNumber must be included.



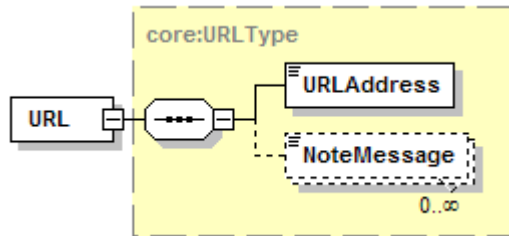
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|--|-----------------|--|
| CountryPrefixCode | Optional | International dialing code. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 |
| Comment: For example, the international dialing code for phone numbers in the US is "1". These codes are typically found in the information pages in the front of a telephone directory for a city or area. | | | | |
| AreaCityCode | Optional | Regional dialing code. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| PhoneNumber | Required | Telephone number. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 11 |
| PhoneNumberExtension | Optional | The extended telephone addressing information used in addition to phone number such as a PBX extension, a pager PIN, or FAX sub-address. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| Effective Date | Optional | Date on which the address became (or will become) effective | Optional | minOcc 0 maxOcc 1 Format: CCYY |
| Expiration Date | Optional | Date on which the address expired (or will expire) | Optional | minOcc 0 maxOcc 1 Format: CCYY |
| NoteMessage | Optional Repeatable | Additional information about the phone number of the Override School | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Phone>  
  <CountryPrefixCode/>  
  <AreaCityCode>512</AreaCityCode>  
  <PhoneNumber>4757638</PhoneNumber>  
  <PhoneNumberExtension/>  
  <NoteMessage/>  
</Phone>
```

Student.AcademicRecord.School.Contacts.URL

Note: Although URL is an optional complex data element, if it is included, then the data element URLAddress must be included.



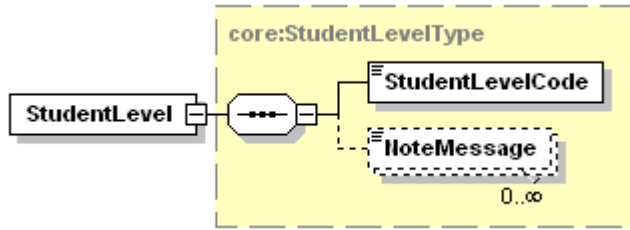
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|---------------------|---|-----------------|--|
| URLAddress | Required | The Uniform Resource Locator (URL) address associated with a product, deliverable or contact. | Required | minOcc 1 maxOcc 1 minLen 0 maxLen 512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

Code Example:

```
<URL>
  <URLAddress>http://www.natick.k12.ma.us/schools/nhs</URLAddress>
  <NoteMessage/>
</URL>
```

Student.AcademicRecord.StudentLevel

Note: Although StudentLevel is an optional complex data element, if it is included, then the data element StudentLevelCode must be included.



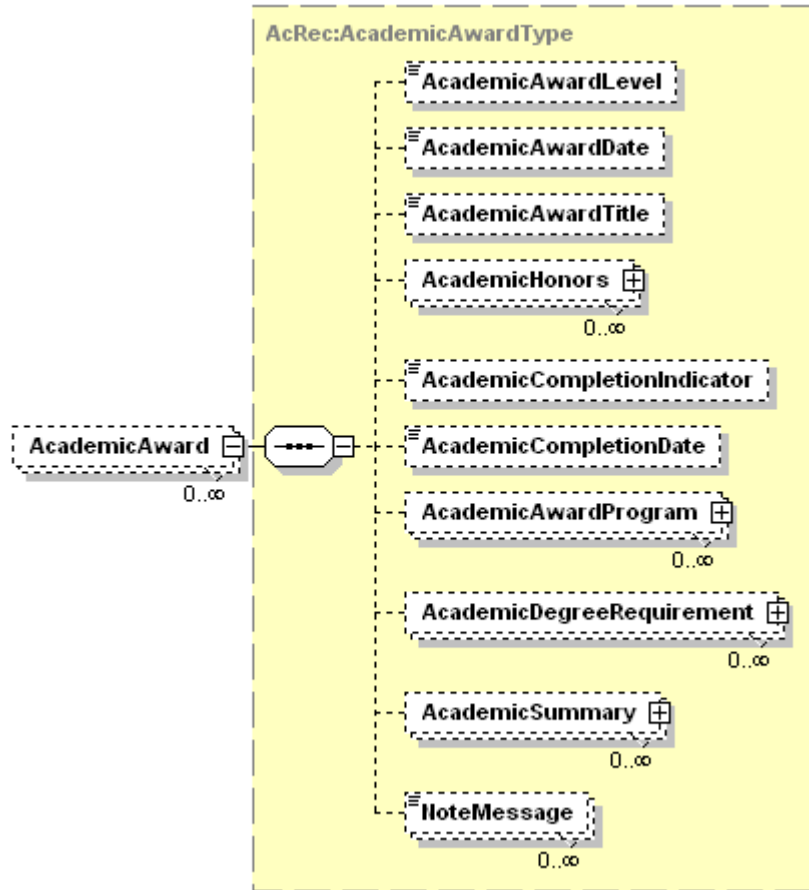
| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------|---------------------|---|-----------------|---|
| StudentLevelCode | Required | The current grade level of the student or the highest grade level attained by the student at the time the record was created. | Required | minOcc 1 maxOcc 1 Enumeration: SeventhGrade EighthGrade NinthGrade TenthGrade EleventhGrade TwelfthGrade |
| NoteMessage | Optional Repeatable | Additional information about the student's grade level | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<StudentLevel>
  <StudentLevelCode>EighthGrade</StudentLevelCode>
  <NoteMessage/>
</StudentLevel>
    
```

Student.AcademicRecord.AcademicAward



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------------|------------|---|-----------------|---|
| AcademicAwardLevel | Optional | The level of the degree, certificate, or award granted for the successful completion of requirements of an academic program. See Appendix C for descriptions of the enumerated list items. | Recommended | minOcc 0 maxOcc 1 Enumeration: B17 B18 B19 B20 B21 B22 B23 B24 B25 B26 B27 B28 |
| AcademicAwardDate | Optional | The date on which the academic award was conferred. | Recommended | minOcc 0 maxOcc 1 xs:date |
| | | Comment: This is the nominal date when the award was granted. It might not be the same as the actual date of completion of the award requirements. The format for date is ccyymm-dd. | | |
| AcademicAwardTitle | Optional | The descriptive title for the academic award. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 80 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|--|-----------------|---|
| Comment: The typical title for the award on a test score report would be "Diploma." | | | | |
| AcademicHonors | Optional Repeatable | Honors information for the academic award. | Recommended | minOcc 0 maxOcc ∞ |
| AcademicCompletionIndicator | Optional | An indication that the degree-seeking student completed all of the requirements for his or her academic program. Not used for Non-Degree programs. | Recommended | minOcc 0 maxOcc 1 true/false |
| Comment: The value is "true" or "false" with all letters in lower case. The "true" condition would typically be met on or before the date indicated in the "AcademicAwardDate" field, if that field is sent. If neither the completion date nor the award date is included, then sending this indicator is even more important. | | | | |
| AcademicCompletionDate | Optional | The date on which the student's requirements for the degree were met or completed. | Recommended | minOcc 0 maxOcc 1 xs:date |
| Comment: This is the actual date when all requirements for the award were completed. It might not be the same as the nominal date of the award. The format for date is ccyymm-dd. | | | | |
| AcademicAwardProgram | Optional Repeatable | Information related to the specific area of study (e.g., major) under which the award was granted. | Optional | minOcc 0 maxOcc ∞ |
| Comment: The academic award program is not normally included in a test score report. | | | | |
| AcademicDegreeRequirement | Optional Repeatable | Thesis or dissertation information if required for the award. | Not Recommended | minOcc 0 maxOcc ∞ |
| Comment: Thesis or dissertation is not appropriate for the test score report. | | | | |
| AcademicSummary | Optional Repeatable | Academic summary information pertaining to the award or diploma. | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the academic award | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: It is the recommendation of the Workgroup, that this is the most appropriate place to include overall academic awards, such as the award of a high school diploma. If it is included here, it will facilitate the processing of the award at the receiving school or agency. | | | | |

Code Example:

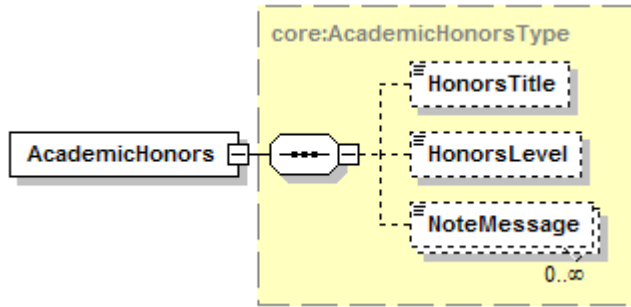
```

<AcademicAward>
  <AcademicAwardLevel>B18</AcademicAwardLevel>
  <AcademicAwardDate>1990-05-09</AcademicAwardDate>
  <AcademicAwardTitle>Diploma</AcademicAwardTitle>
  <AcademicHonors>
    SubElement omitted to save space
  </AcademicHonors>
  <AcademicCompletionIndicator>true</AcademicCompletionIndicator>
  <AcademicCompletionDate>1990-05-01</AcademicCompletionDate>
  <AcademicAwardProgram>
    SubElement omitted to save space
  </AcademicAwardProgram>
  <AcademicDegreeRequirement>
    SubElement omitted to save space
  </AcademicDegreeRequirement>
</AcademicAward>

```

```
</AcademicDegreeRequirement>  
<AcademicSummary>  
  SubElement omitted to save space  
</AcademicSummary>  
<NoteMessage/>  
</AcademicAward>
```

Student.AcademicRecord.AcademicAward.AcademicHonors



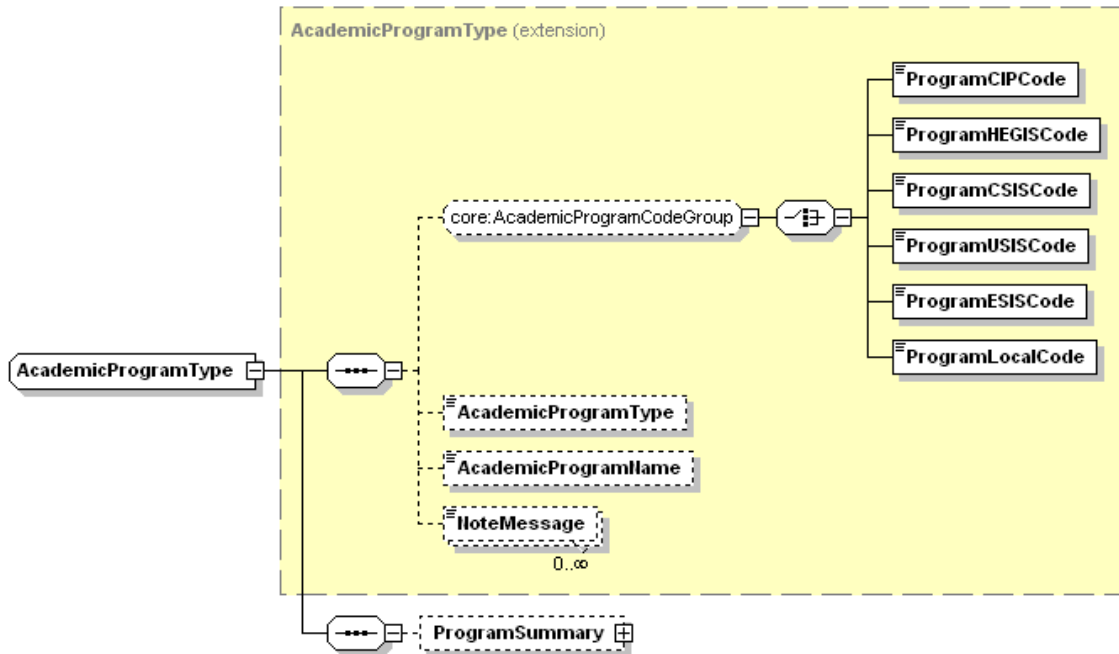
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| Comment: There is a variety of names for these honors in the United States. Some common ones are "Valdictorian", "Salutatorian", "With Honors", "Magna Cum Laude", 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 Honors Title. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the academic honors | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: If the information about the award of a diploma is not included with the academic session, it would normally be included with the overall academic record. Then, in that case, this is the appropriate place to include any honors associated with the award of the high school diploma. | | | | |

Code Example:

```

<AcademicHonors>
  <HonorsTitle>With Honors</HonorsTitle>
  <HonorsLevel>ThirdHighest</HonorsLevel>
  <NoteMessage/>
</AcademicHonors>
    
```


Student.AcademicRecord.AcademicAward.AcademicAwardProgram



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------------|--|-----------------|---|
| ProgramCIPCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Classification of Instructional Programs for Postsecondary Institutions | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramHEGISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Higher Education General Information Survey | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramCSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Statistics Canada Canadian College Student Information System | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramUSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada University Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramESISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada Enhanced Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| ProgramLocalCode | Optional exclusive choice | Proprietary code used by the School to describe its program. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| <p>Comment: None of the above five optional choices is really appropriate for indicating academic programs at US High Schools.</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------|------------------------|--|-----------------|--|
| AcademicProgramType | Optional | Indicates whether the academic program is a major, minor, area of concentration or specialization. | Optional | minOcc 0 maxOcc 1 Enumeration: Concentration Major Minor Specialization |
| AcademicProgramName | Optional | Literal name of program, major, or field of study. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 60 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Award Program | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| ProgramSummary | Optional | Summary information about the Academic Award Program | Optional | minOcc 0 maxOcc 1 |

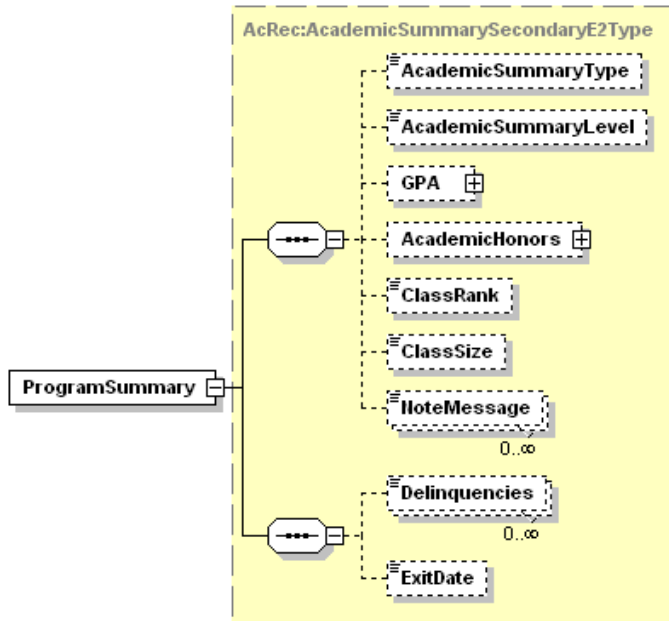
Comment: This entire portion of the schema, which describes a student's high school academic program, is not normally included in a test score report.

Code Example:

```

<AcademicAwardProgram>
  <ProgramCIPCode/>
  <AcademicProgramType>Major</AcademicProgramType>
  <AcademicProgramName>General Academic Transfer</AcademicProgramName>
  <NoteMessage/>
  <ProgramSummary>
    SubElement omitted to save space
  </ProgramSummary>
</AcademicAwardProgram>
    
```

Student.AcademicRecord.AcademicAward.AcademicAwardProgram.ProgramSummary



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|-------------|-----------------|---|
| AcademicSummaryType | Optional | | Optional | minOcc 0 maxOcc 1 Enumeration: All SenderOnly TransferOnly AllNotRepeated SenderNotRepeated TransferNotRepeated AcademicRenewal CarryoverCredit DegreeApplicable NonDegreeApplicable ConvertedFrom ConvertedTo UserDefined Weighted NonWeighted |
| <ul style="list-style-type: none"> • <i>All</i> – Summary of all courses regardless of institution • <i>SenderOnly</i> – Summary of all courses at sending institution (or recorded as if they were taken at the sending institution) • <i>TransferOnly</i> – Summary of transfer work (courses taken somewhere other than the sending institution) • <i>AllNotRepeated</i> – Summary of all courses except for repeated or forgiven courses/credits • <i>SenderNotRepeated</i> – Summary of all courses at sending institution except for repeated or forgiven courses/credits • <i>TransferNotRepeated</i> – Summary of transfer work except for repeated or forgiven courses/credits • <i>AcademicRenewal</i> – Subset of forgiven courses if the high school has a policy that allows for portion of the academic record to be excluded from the total credits used to compute the grade point average and to also be excluded from the credits earned toward the diploma. This is not very common in high schools. • <i>CarryoverCredit</i> – Summary from offline records and used as the initial point for cumulatives and averages • <i>DegreeApplicable</i> – Summary of courses that apply to the diploma • <i>NonDegreeApplicable</i> – Summary of courses that do not apply toward degree • <i>ConvertedFrom</i> – Summary of credits before an institutional term-basis conversion, such as from quarters to semesters • <i>ConvertedTo</i> – Summary of credits after an institutional term-basis conversion, such as from quarters to semesters • <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. • <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. • <i>UserDefined</i> – see NoteMessage for explanation | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|-----------------|--|
| AcademicSummaryLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessional |
| Comment: None of these values is appropriate for the test score report. | | | | |
| GPA | Optional | GPA for the Award Program | Optional | minOcc 0 maxOcc 1 |
| AcademicHonors | Optional | Honors for the Award Program | Recommended | minOcc 0 maxOcc 1 |
| 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: The student ranking the highest in the class would have a rank of "1". | | | | |
| ClassSize | Optional | The numeric size of the academic cohort (e.g. class). | Recommended | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| NoteMessage | Optional Repeatable | Additional information about the Program Summary | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: If class rank and class size are provided, a note might be appropriate to describe the cohort and when the ranking occurred. | | | | |
| Delinquencies | Optional Repeatable | The academic standing of the student upon transfer to the institution. <ul style="list-style-type: none"> • <i>GoodStanding</i> - Student was in good standing • <i>ProbationGPA</i> - Student was on academic probation (because of low GPA) • <i>ProbationHours</i> - Student was on academic probation (deficiency in credit hours) • <i>SuspensionGPA</i> - Student was on academic suspension (because of low GPA) • <i>SuspensionHours</i> - Student was on academic suspension (deficiency in credit hours) • <i>ProbationDiscipline</i> - Student was on disciplinary probation • <i>SuspensionDiscipline</i> - Student was on disciplinary suspension • <i>Unknown</i> • <i>Other</i> | Not Recommended | minOcc 0 maxOcc ∞ Enumeration: GoodStanding ProbationGPA ProbationHours SuspensionGPA SuspensionHours ProbationDiscipline SuspensionDiscipline Unknown Other |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|---------------------------------|
| ExitDate | Optional | The date on which the student officially withdrew or graduated. | Not Recommended | minOcc 0 maxOcc 1 xs:date |
| Comment: The format for the date is ccy-mm-dd. | | | | |
| Comment: This section of the test score report refers to a summary of the academic record for the specific academic program the student took that was used for the academic award specified. This is not normally included in a test score report. | | | | |

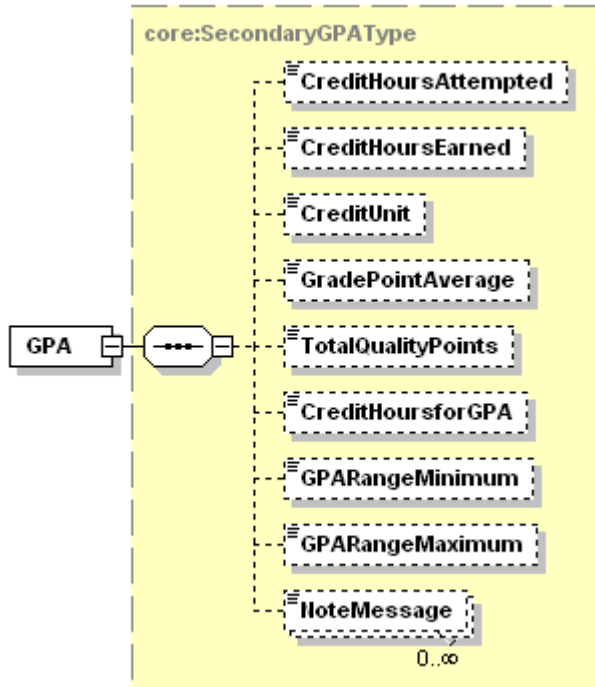
Code Example:

```

<ProgramSummary>
  <AcademicSummaryType>All</AcademicSummaryType>
  <AcademicSummaryLevel/>
  <GPA>
    SubElement omitted to save space
  </GPA>
  <AcademicHonors>
    SubElement omitted to save space
  </AcademicHonors>
  <ClassRank>75</ClassRank>
  <ClassSize>254</ClassSize>
  <NoteMessage/>
  <Delinquencies/>
  <ExitDate/>
</ProgramSummary>

```

Student.AcademicRecord.AcademicAward.AcademicAwardProgram.ProgramSummary.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 |
| <p>Comment: This would also include the credit value of a course from which the student withdrew, if it appears on the test score report. So if a student had enrolled in 10 Carnegie Units which are all included in the specified program and appear on the test score report, 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 in this program and are on the test score report, then the value of this field would be "10.5".</p> | | | | |
| CreditHoursEarned | Optional | The total value of credit hours successfully completed or earned. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <p>Comment: If the student had earned 5 Carnegie Units and they all counted toward this program for this diploma, then the value of this data element would be "5". If only 4.5 units were earned, then the value would be "4.5".</p> | | | | |
| 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 |
| <p>Comment: Note that the credit unit is not necessarily directly related to the type of session in which a course is offered. A full year course, or a semester course, or a quarter course, may all offer Carnegie Units or Units as the credit unit.</p> | | | | |

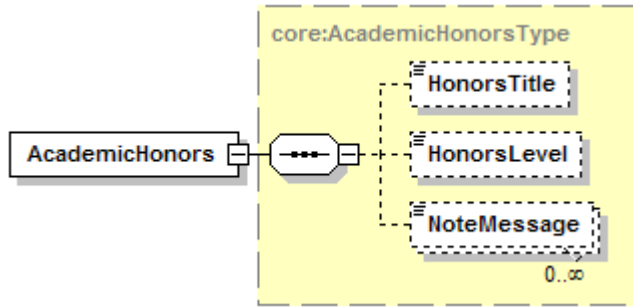
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|---|
| GradePointAverage | Optional | The value of the total quality points divided by the Credit Hours for Grade Point Average. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: For example, if the student had enrolled for 10 Carnegie Units that counted toward this diploma and this program, 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 in this program for this diploma; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma and this program would be "7". | | | | |
| GPARangeMinimum | Optional | The minimum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: If the lowest possible grade is an F and a grade of F is valued at 0 grade points, then this value would be "0", or "0.0" or "0.00". | | | | |
| GPARangeMaximum | Optional | The maximum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: If the highest possible grade is an A and a grade of A is valued at 4 grade points, then this value would be "4" or "4.0" or "4.00", etc. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: A student's GPA for a specific program within the Award or Diploma would not normally be included in a test score report so this entire section of the schema would not normally be included. | | | | |

Code Example:

```

<GPA>
  <CreditHoursAttempted>12</CreditHoursAttempted>
  <CreditHoursEarned>12</CreditHoursEarned>
  <CreditUnit>CarnegieUnits</CreditUnit>
  <GradePointAverage>3.75</GradePointAverage>
  <TotalQualityPoints>45</TotalQualityPoints>
  <CreditHoursforGPA>12</CreditHoursforGPA>
  <GPARangeMinimum>0</GPARangeMinimum>
  <GPARangeMaximum>4</GPARangeMaximum>
  <NoteMessage/>
</GPA>
    
```

Student.AcademicRecord.AcademicAward.AcademicAwardProgram.ProgramSummary.AcademicHonors



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|---------------------|---|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| HonorsLevel | Optional | A code value representing 1st highest honor, 2nd highest and 3rd highest. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: FirstHighest SecondHighest ThirdHighest |
| NoteMessage | Optional Repeatable | Additional information about the Academic Honors | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 80 |

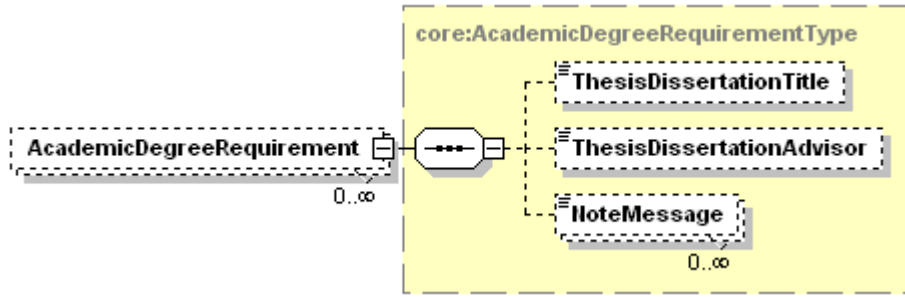
Comment: This entire section of the schema for honors awarded for a specific program as part of a high school diploma would not normally be included on a test score report.

Code Example:

```

<AcademicHonors>
  <HonorsTitle>Cum Laude</HonorsTitle>
  <HonorsLevel>ThirdHighest</HonorsLevel>
  <NoteMessage/>
</AcademicHonors>
    
```


Student.AcademicRecord.AcademicAward.AcademicDegreeRequirement



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|--|-----------------|---|
| ThesisDissertationTitle | Optional | The title of the thesis or dissertation. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen |
| ThesisDissertationAdvisor | Optional | The advisor (Major Professor) who supervised the Thesis or Dissertation on behalf of the student earning the degree. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 45 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Degree Requirement | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: | | | | |
| <i>Comment: It is not recommended to include Academic Degree Requirement in the Test score report, since it is inappropriate.</i> | | | | |

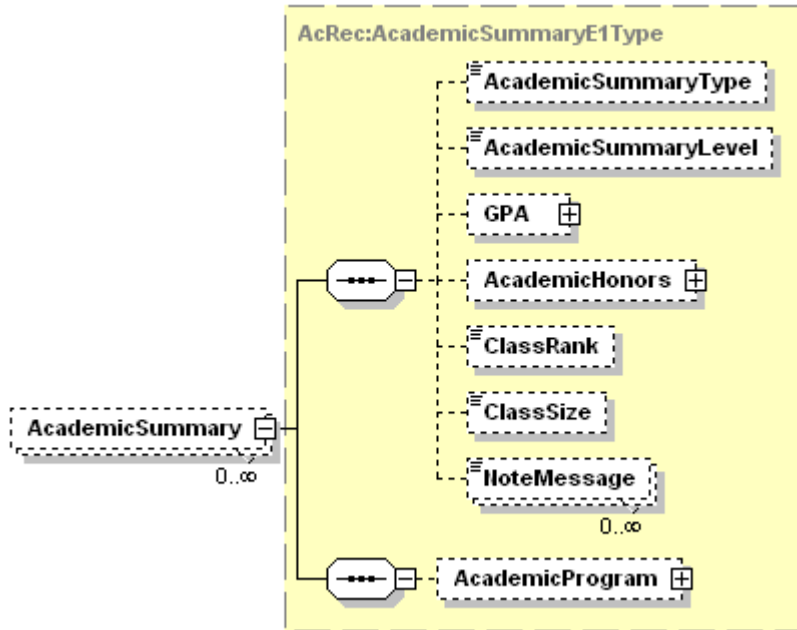
Code Example:

```

<AcademicDegreeRequirement>
  <ThesisDissertationTitle/>
  <ThesisDissertationAdvisor/>
  <NoteMessage/>
</AcademicDegreeRequirement>

```

Student.AcademicRecord.AcademicAward.AcademicSummary



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|---|
| AcademicSummaryType | Optional | Summary Type is an indication of what is being summarized over what period of time See Appendix C for descriptions of the enumerated list items. | Recommended | minOcc 0 maxOcc 1 Enumeration: All SenderOnly TransferOnly AllNotRepeated SenderNotRepeated TransferNotRepeated AcademicRenewal CarryoverCredit DegreeApplicable NonDegreeApplicable ConvertedFrom ConvertedTo UserDefined Weighted NonWeighted |
| AcademicSummaryLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessiona l |
| Comment: These values are not appropriate for the Test score report. | | | | |
| GPA | Optional | GPA for the Academic Award | Recommended | minOcc 0 maxOcc 1 |
| AcademicHonors | Optional | Honors for the Academic Award | Recommended | minOcc 0 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|--|
| | | | | maxOcc 1 |
| 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 |
| ClassSize | Optional | The numeric size of the academic cohort (e.g. class). | Recommended | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Summary | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| AcademicProgram | Optional | Academic Program(s) related to this Academic Summary | Not Recommended | minOcc 0 maxOcc ∞ |
| Comment: The academic program is not normally included in a test score report. | | | | |
| Comment: While academic award programs and summaries can be communicated in several different elements, it is recommended that they be reported at the highest appropriate level. E.G., use <code>AcademicAward.AcademicAwardProgram</code> to indicate degree major; <code>AcademicAward.AcademicAwardProgram.ProgramSummary</code> for degree major GPA and honors; <code>AcademicAward.AcademicSummary</code> for degree GPA and honors. This would be the appropriate place in this schema to give information about the credits and GPA for the diploma that is awarded if the sending school does not include this in the academic session in which the diploma was awarded. | | | | |

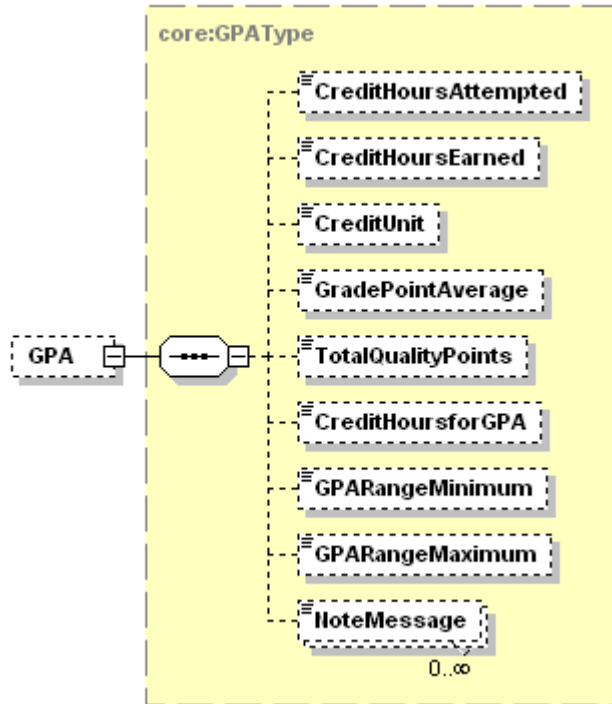
Code Example:

```

<AcademicSummary>
  <AcademicSummaryType>All</AcademicSummaryType>
  <AcademicSummaryLevel>Undergraduate</AcademicSummaryLevel>
  <GPA>
    SubElement omitted to save space
  </GPA>
  <AcademicHonors>
    SubElement omitted to save space
  </AcademicHonors>
  <ClassRank>43</ClassRank>
  <ClassSize>849</ClassSize>
  <NoteMessage/>
  <AcademicProgram>
    SubElement omitted to save space
  </AcademicProgram>
</AcademicSummary>

```

Student.AcademicRecord.AcademicAward.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 |
| <p>Comment: This would include the credit value of a course from which the student withdrew, if it appears on the test score report. So if a student had enrolled in 10 Carnegie Units which are all included for this diploma and are on the test score report, 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 for this diploma and are on the test score report, then the value of this field would be "10.5".</p> | | | | |
| CreditHoursEarned | Optional | The total value of credit hours successfully completed or earned. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <p>Comment: If the student had earned 5 Carnegie Units and they all counted toward this diploma, then the value of this data element would be "5". If only 4.5 units were earned, then the value would be "4.5".</p> | | | | |
| 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 |

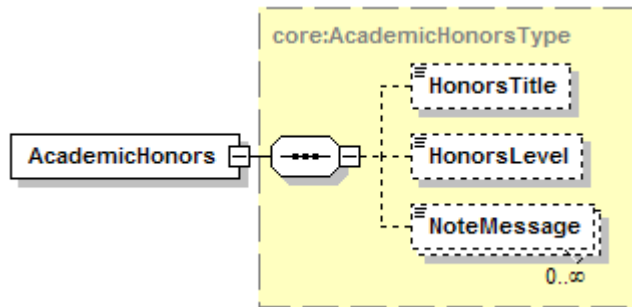
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|---|-----------------|---|
| | | Comment: Note that the credit unit is not necessarily directly related to the type of session in which a course is offered. A full year course, or a semester course, or a quarter course, may all offer Carnegie Units or Units as the credit unit. | | |
| 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 that counted toward this diploma, 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, 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 for this diploma; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma 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", etc. | | |
| 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 ∞ minLen 1 maxLen 80 |
| Comment: The GPA reported in this section of the Schema is an overall GPA for all courses that count toward the diploma described in this section. | | | | |

Code Example:

```

<GPA>
  <CreditHoursAttempted>159</CreditHoursAttempted>
  <CreditHoursEarned>136</CreditHoursEarned>
  <CreditUnit>Semester</CreditUnit>
  <GradePointAverage>3.0915</GradePointAverage>
  <TotalQualityPoints>473</TotalQualityPoints>
  <CreditHoursforGPA>153</CreditHoursforGPA>
</GPA>
    
```

Student.AcademicRecord.AcademicAward.AcademicSummary.AcademicHonors



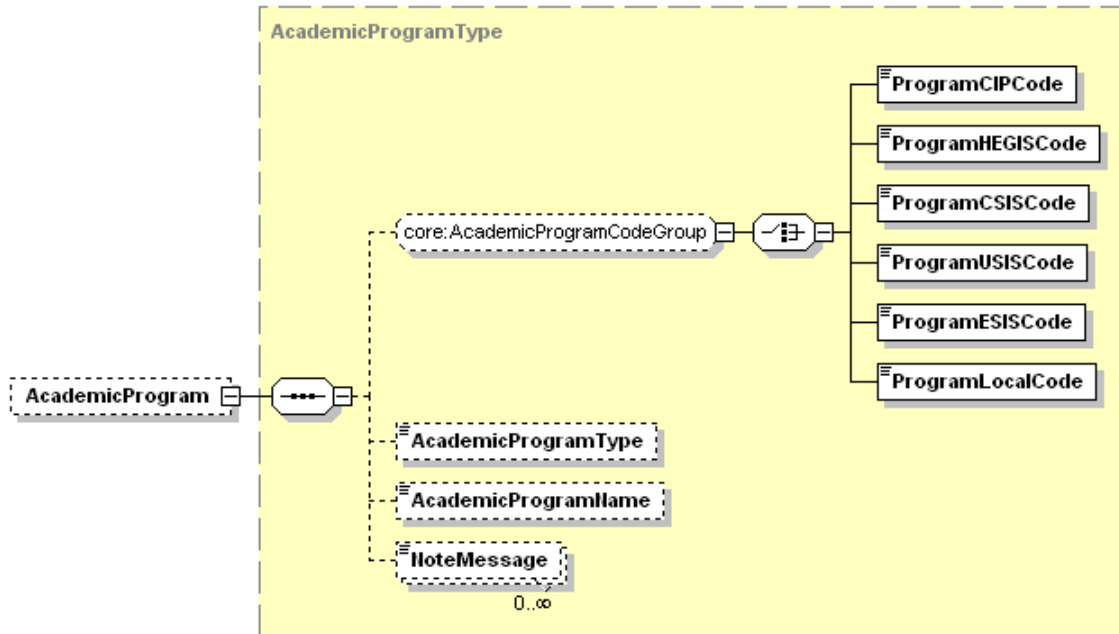
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|--|---|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| | Comment: There is a great variety of titles for honors that 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 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Honors | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| | Comment: These are the academic honors associated with the diploma or other award described immediately above. | | | |

Code Example:

```

<AcademicHonors>
  <HonorsTitle>Valedictorian</HonorsTitle>
  <HonorsLevel>FirstHighest</HonorsLevel>
  <NoteMessage/>
</AcademicHonors>
    
```

Student.AcademicRecord.AcademicAward.AcademicSummary.AcademicProgram



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------------------|--|-----------------|--|
| ProgramCIPCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Classification of Instructional Programs | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramHEGISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Higher Education General Information Survey | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramCSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Statistics Canada Canadian College Student Information System | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramUSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada University Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramESISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada Enhanced Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| Program Local Code | Optional exclusive choice | Proprietary code used by the School to describe its program. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| Comment: Although the above 5 choices for program codes are optional, none of them is appropriate to describe high school academic programs in the United States. | | | | |
| AcademicProgramType | Optional | Indicates whether the academic program is a major, minor, area of concentration or specialization. | Optional | minOcc 0 maxOcc 1 Enumeration: Concentration Major Minor Specialization |

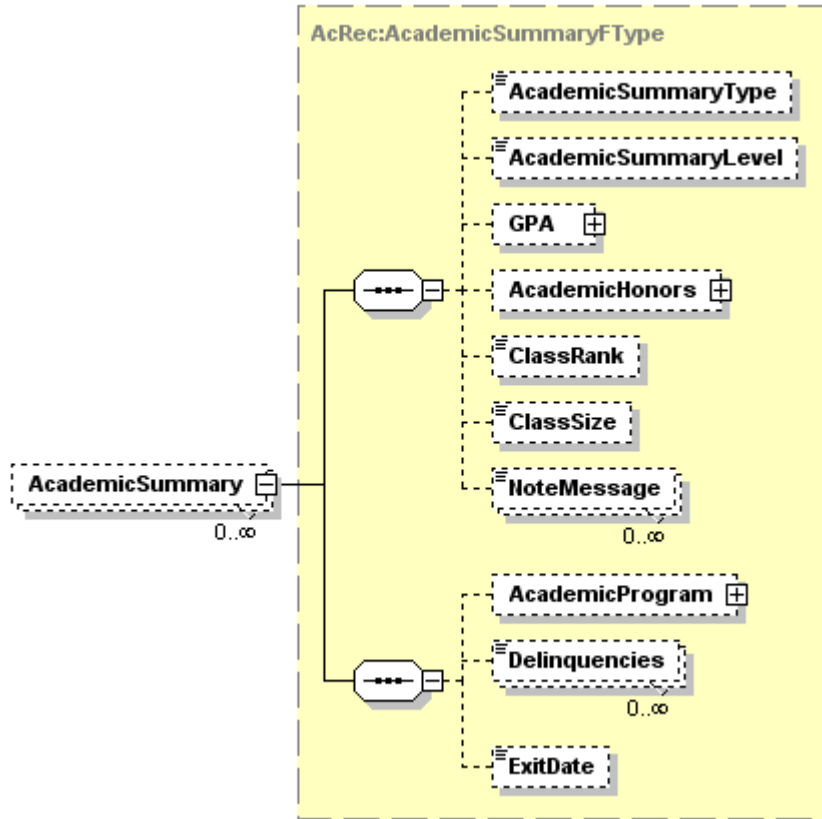
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| AcademicProgramName | Optional | Literal name of program, major, or field of study. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 60 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Program | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: The academic program is not normally included in a test score report, so this entire portion of the schema would not normally be included.</p> | | | | |

Code Example:

```

<AcademicProgram>
  <ProgramCIPCode/>
  <AcademicProgramType>Major</AcademicProgramType>
  <AcademicProgramName>General Transfer</AcademicProgramName>
  <NoteMessage/>
</AcademicProgram>
    
```


Student.AcademicRecord.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 <i>SenderOnly</i> - Summary of all courses at sending institution (or recorded as if they were taken at the sending institution) <i>TransferOnly</i> - Summary of transfer work (courses taken at other than the sending institution) <i>AllNotRepeated</i> - Summary of all courses except for repeated or forgiven courses/credits <i>SenderNotRepeated</i> - Summary of all courses at sending institution except for repeated or forgiven courses/credits <i>TransferNotRepeated</i> - Summary of transfer work except for repeated or forgiven courses/credits <i>AcademicRenewal</i> - Subset of forgiven courses <i>CarryoverCredit</i> - Summary from offline records and used as the initial point for cumulatives and averages <i>DegreeApplicable</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 UserDefined Weighted NonWeighted</p> |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|--|-----------------|--|
| | | <p>course that apply to degree</p> <p><i>NonDegreeApplicable</i> - Summary of 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> | | |
| AcademicSummaryLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessional |
| Comment: The enumerated values do not seem to be appropriate for the test score report. | | | | |
| GPA | Optional | GPA for this Academic Summary | Recommended | minOcc 0 maxOcc 1 |
| AcademicHonors | Optional | Academic Honors for this Academic Summary | Optional | minOcc 0 maxOcc 1 |
| 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: The Workgroup that developed the PESC XML Test score report Schema recommends that this is the most appropriate place in the Schema to include the student's overall rank in class. The student ranking the highest in the class would have a rank of "1". | | | | |
| 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". | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|--|
| NoteMessage | Optional Repeatable | Additional information about the Academic Summary | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: If the class rank and class size are included in the test score report, then this note message could be used to indicate the cohort and/or date of the ranking. | | | | |
| AcademicProgram | Optional | Academic Program (e.g. major) for this Academic Summary | Optional | minOcc 0 maxOcc 1 |
| Comment: This is the appropriate place to list the student's current major or degree objective. However, this information is not normally included in a test score report. | | | | |
| Delinquencies | Optional Repeatable | The academic standing of the student upon transfer to the institution. | Not Recommended | minOcc 0 maxOcc ∞ Enumeration: GoodStanding ProbationGPA ProbationHours SuspensionGPA SuspensionHours ProbationDiscipline SuspensionDiscipline Unknown Other |
| Comment: It is recommended that probation not be included on the test score report since there is no universally accepted definition of probation, and that other Delinquencies be included at the Session level. | | | | |
| ExitDate | Optional | The date on which the student officially withdrew or graduated | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: This date would typically be the date of graduation for students who did graduate. If the student did not graduate, it would be the last date of known attendance. The date format is ccyy-mm-dd. | | | | |
| Comment: This portion of the XML Test score report is the place for the overall summary of the student's entire high school academic record. | | | | |

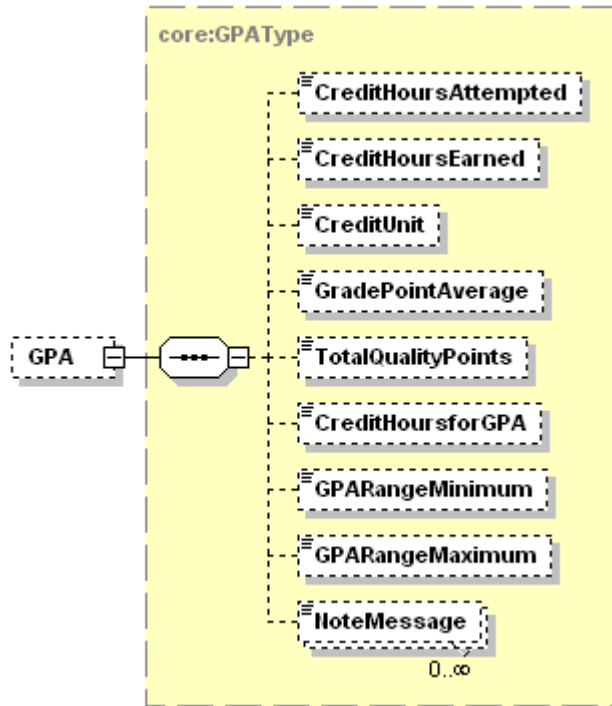
Code Example:

```

<AcademicSummary>
  <AcademicSummaryType>All</AcademicSummaryType>
  <AcademicSummaryLevel/>
  <GPA>
    SubElement omitted to save space
  </GPA>
  <AcademicHonors>
    SubElement omitted to save space
  </AcademicHonors>
  <ClassRank>1</ClassRank>
  <ClassSize>753</ClassSize>
  <NoteMessage>Class ranking was of all seniors at the end of the seventh semester.</NoteMessage>
  <AcademicProgram>
    SubElement omitted to save space
  </AcademicProgram>
  <Delinquencies/>
  <ExitDate/>
</AcademicSummary>

```

Student.AcademicRecord.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 |
| <p>Comment: This would also include the credit value of a course from which the student withdrew, if it appears on the test score report. So if a student had enrolled in 10 Carnegie Units which are all included in the specified program and appear on the test score report, 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 test score report, then the value of this field would be "10.5".</p> | | | | |
| CreditHoursEarned | Optional | The total value of credit hours successfully completed or earned | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <p>Comment: If the student had earned 5 Carnegie Units and they all are included on the test score report, then the value of this data element would be "5". If only 4.5 units were earned, then the value would be "4.5".</p> | | | | |
| 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 |
| <p>Comment: Note that the credit unit is not necessarily directly related to the type of session in which a course is offered. A full year course, or a semester course, or a quarter course, may all offer Carnegie Units or Units as the credit unit</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------------|------------------------|--|-----------------|---|
| 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 ∞ minLen 1 maxLen 80 |
| | | Comment: The GPA included at this point in the Schema represents the overall GPA for the student's entire record included on the test score report. | | |

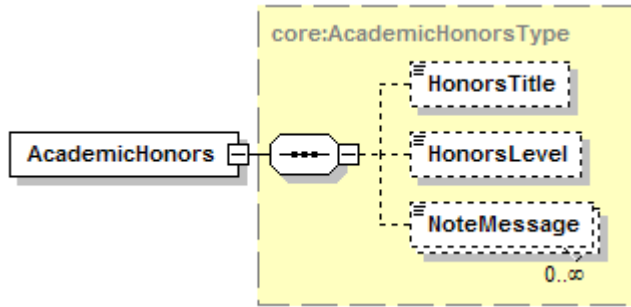
Code Example:

```

<GPA>
  <CreditHoursAttempted>10.5</CreditHoursAttempted>
  <CreditHoursEarned>6.5</CreditHoursEarned>
  <CreditUnit>CarnegieUnits</CreditUnit>
  <GradePointAverage>2.235</GradePointAverage>
  <TotalQualityPoints>19</TotalQualityPoints>
  <CreditHoursforGPA>8.5</CreditHoursforGPA>
  <NoteMessage/>
</GPA>

```

Student.AcademicRecord.AcademicSummary.AcademicHonors



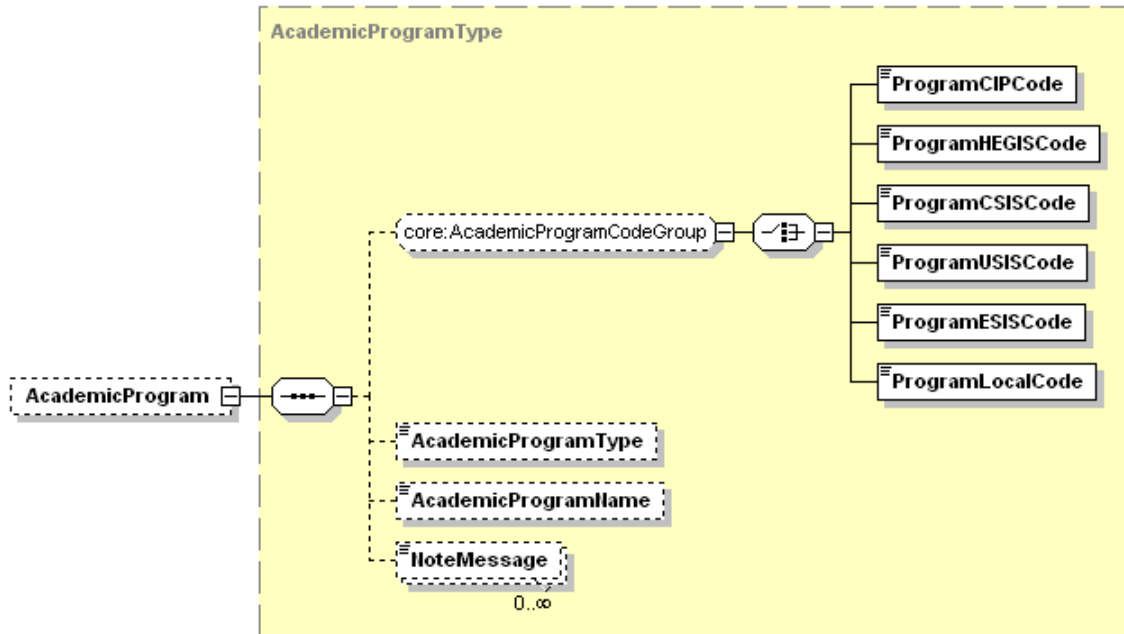
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| Comment: There is a variety of names for these honors in the United States. Some common ones are "Valdictorian", "Salutatorian", "With Honors", "Magna Cum Laude", 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 Honors Title. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the Academic Honors | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: This would be one appropriate place in the Schema to include honors not specifically tied to the diploma awarded. Examples might be "AP Scholars", "Sigma Alpha Tau", etc. | | | | |

Code Example:

```

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

Student.AcademicRecord.AcademicSummary.AcademicProgram



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------------------|--|-----------------|--|
| ProgramCIPCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Classification of Instructional Programs | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramHEGISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Higher Education General Information Survey | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramCSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Statistics Canada Canadian College Student Information System | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramUSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada University Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramESISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada Enhanced Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| ProgramLocalCode | Optional exclusive choice | Proprietary code used by the School to describe its program. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| <p>Comment: Although the Academic Program Code Group is optional, if it is included, then you must send one and only one of the above codes. None of the above code sets is appropriate to describe high school academic programs in the United States.</p> | | | | |
| AcademicProgramType | Optional | Indicates whether the academic program is a major, minor, area of concentration or specialization. | Recommended | minOcc 0 maxOcc 1 Enumeration: Concentration Major Minor Specialization |

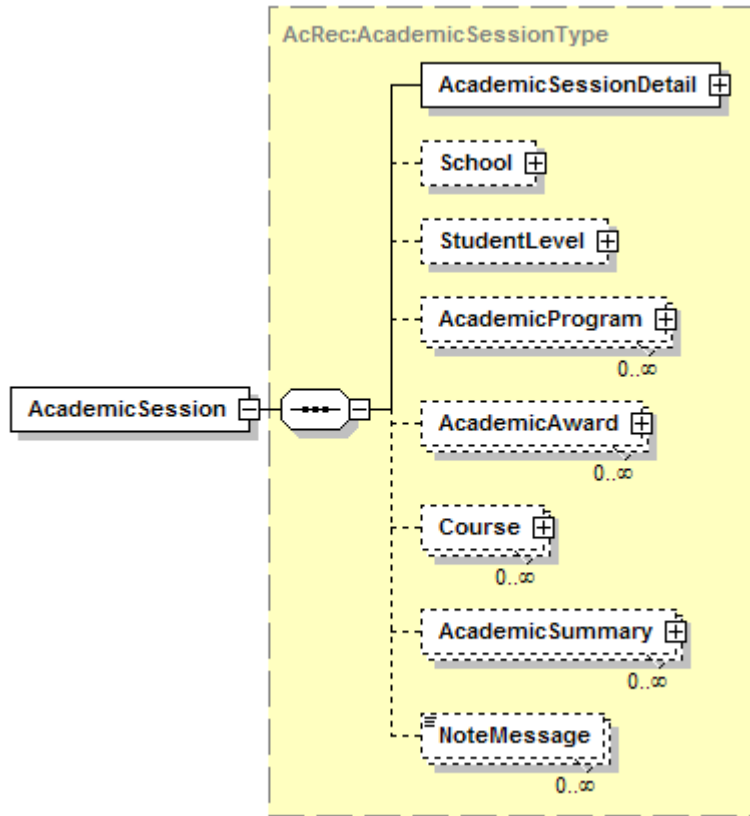
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| AcademicProgramName | Optional | Literal name of program, major, or field of study. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 60 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Program | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: <i>The academic program is not normally included in a test score report, so this entire portion of the schema would not be included for the test score report.</i></p> | | | | |

Code Example:

```

<AcademicProgram>
  <ProgramCIPCode/>
  <AcademicProgramType>Major</AcademicProgramType>
  <AcademicProgramName>General Academic Transfer Track</AcademicProgramName>
  <NoteMessage/>
</AcademicProgram>
    
```


Student.AcademicRecord.AcademicSession



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|-----------------|----------------------|
| AcademicSessionDetail | Required | Information identifying the time period for the beginning of this session | Required | minOcc 1 maxOcc 1 |
| <p>Comment: The Session Designator within the Academic Session Detail is used to indicate the starting year and month of major academic terms or sessions within the sending school's calendar. For example, a typical fall term would begin in August or September. So, for a fall term that began in August of the year 2005, the value of this field would be "2005-08". All classes that began in this month and year would normally be included within this session designator, regardless of the ending dates of the classes within this session. Therefore, all classes with this same session designator would be included in the academic summary for this session. It is also possible for other courses that began later than the month and year noted here, might also have this same session designator, if they are generally considered to be within the academic session or term.</p> | | | | |
| School | Optional | Override School | Conditional | minOcc 0 maxOcc 1 |
| <p>Comment: Recommended when the school for this AcademicSession differs from the Sending institution. Not Recommended when this AcademicSession belongs to the Sending institution.</p> | | | | |
| StudentLevel | Optional | An indication of the classification of the student at the time of this Academic Session | Optional | minOcc 0 maxOcc 1 |
| AcademicProgram | Optional Repeatable | The major or degree objectives for the student at the time of this session | Optional | minOcc 0 maxOcc ∞ |
| <p>Comment: The academic program is not normally included in a test score report.</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|---|-----------------|---|
| AcademicAward | Optional Repeatable | Academic awards associated with this session | Optional | minOcc 0 maxOcc ∞ |
| <p>Comment: Degree award information should be placed here when it is associated with an academic session, or in <code>AcademicRecord.AcademicAward</code> when not associated with an academic session. The developers of the PESC Test score report Schema recommend that the most appropriate place in the schema to indicate the award of the high school diploma is at the highest level of the schema, which is <code>Student.AcademicRecord.AcademicAward</code>.</p> | | | | |
| Course | Optional Repeatable | Courses associated with this session | Recommended | minOcc 0 maxOcc ∞ |
| AcademicSummary | Optional Repeatable | Academic summary for this session | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the academic session | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

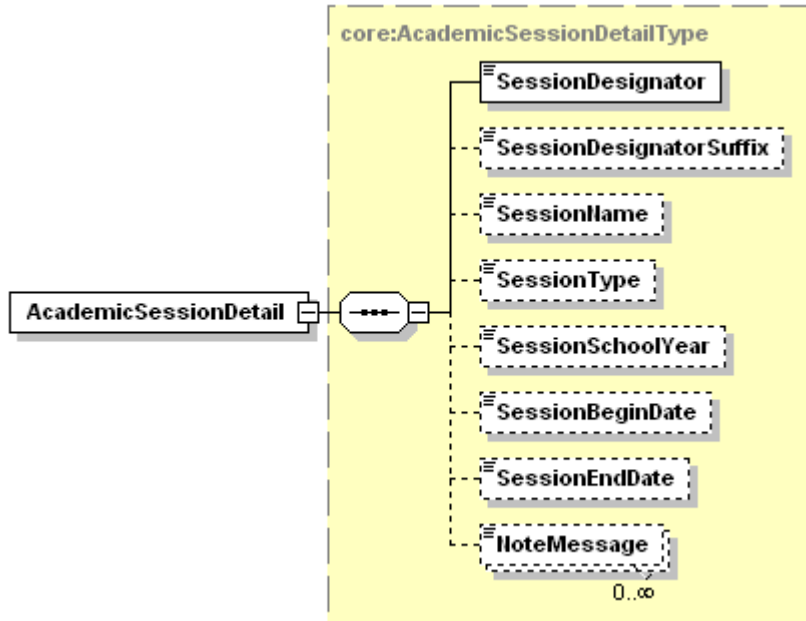
Code Example:

```

<AcademicSession>
  <AcademicSessionDetail>
    SubElement omitted to save space
  </AcademicSessionDetail>
  <School>
    SubElement omitted to save space
  </School>
  <StudentLevel>
    SubElement omitted to save space
  </StudentLevel>
  <AcademicProgram>
    SubElement omitted to save space
  </AcademicProgram>
  <AcademicAward>
    SubElement omitted to save space
  </AcademicAward>
  <Course>
    SubElement omitted to save space
  </Course> [repeat as needed]
  <AcademicSummary>
    SubElement omitted to save space
  </AcademicSummary>
  <NoteMessage/>
</AcademicSession>

```

Student.AcademicRecord.AcademicSession.AcademicSessionDetail



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------------|------------|---|-----------------|---|
| SessionDesignator | Required | The academic session for which the data are recorded and applicable. | Required | minOcc 1 maxOcc 1 YearMonth (ccyy-mm) |
| | | <p>Comment: The Session Designator is used to indicate the starting year and month of major academic terms within the sending school's calendar. For example, a typical fall term would begin in August or September. So, for a fall term that began in August of the year 2005, the value of this field would be "2005-08". All classes that began in this month and year would normally be included within this session designator, regardless of the ending dates of the classes within this session. Therefore, all classes with this same session designator would be included in the academic summary for this session. It is also possible for other courses that began later than the month and year noted here, might also have this same session designator, if they are generally considered to be within the academic session or term.</p> | | |
| SessionDesignatorSuffix | Optional | A free form extension to the session ID to differentiate discreet sub-sessions within the same session | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| | | <p>Comment: If you have a mini term or short term within the major term, you can use this field to identify those classes. They could be identified with different beginning or ending dates, but they would still be a part of the major session designator. Typical Entries in this field might be "Mini Term", "Term A", "Term B", "Session 1". It would probably be unusual for a high school to include this field.</p> | | |
| SessionName | Optional | Free-form name of session. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| | | <p>Comment: For example, "Fall Semester 2002" or "Fall Semester 2003" or "Fall Semester 2002-2003".</p> | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|---|
| SessionType | Optional | Indicates the type of academic session at an educational institution. | Recommended | minOcc 0 maxOcc 1 Enumeration: FullYear Semester Trimester Quarter Quinmester MiniTerm SummerSession Intersession LongSession FallSession FourOneFourPlan Continuous DiffersByProgram Other TwelveMonth |
| Comment: This is the type of calendar used by the sending school. It does not refer to the type of units of credit awarded. | | | | |
| SessionSchoolYear | Optional | This is the range of years that are considered to be a school year. | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: The appropriate values are a range of years. The format would be ccy-ccyy. A typical example would be the school year "2004-2005". | | | | |
| SessionBeginDate | Optional | Actual calendar date when session begins. | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: An example for a fall term might be "2005-08-22". The date format is ccy-mm-dd. | | | | |
| SessionEndDate | Optional | Actual calendar date when session ends. | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: An example for a fall term might be "2005-12-16" or "2006-01-18". | | | | |
| NoteMessage | Optional Repeatable | Additional information about the Academic Session | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

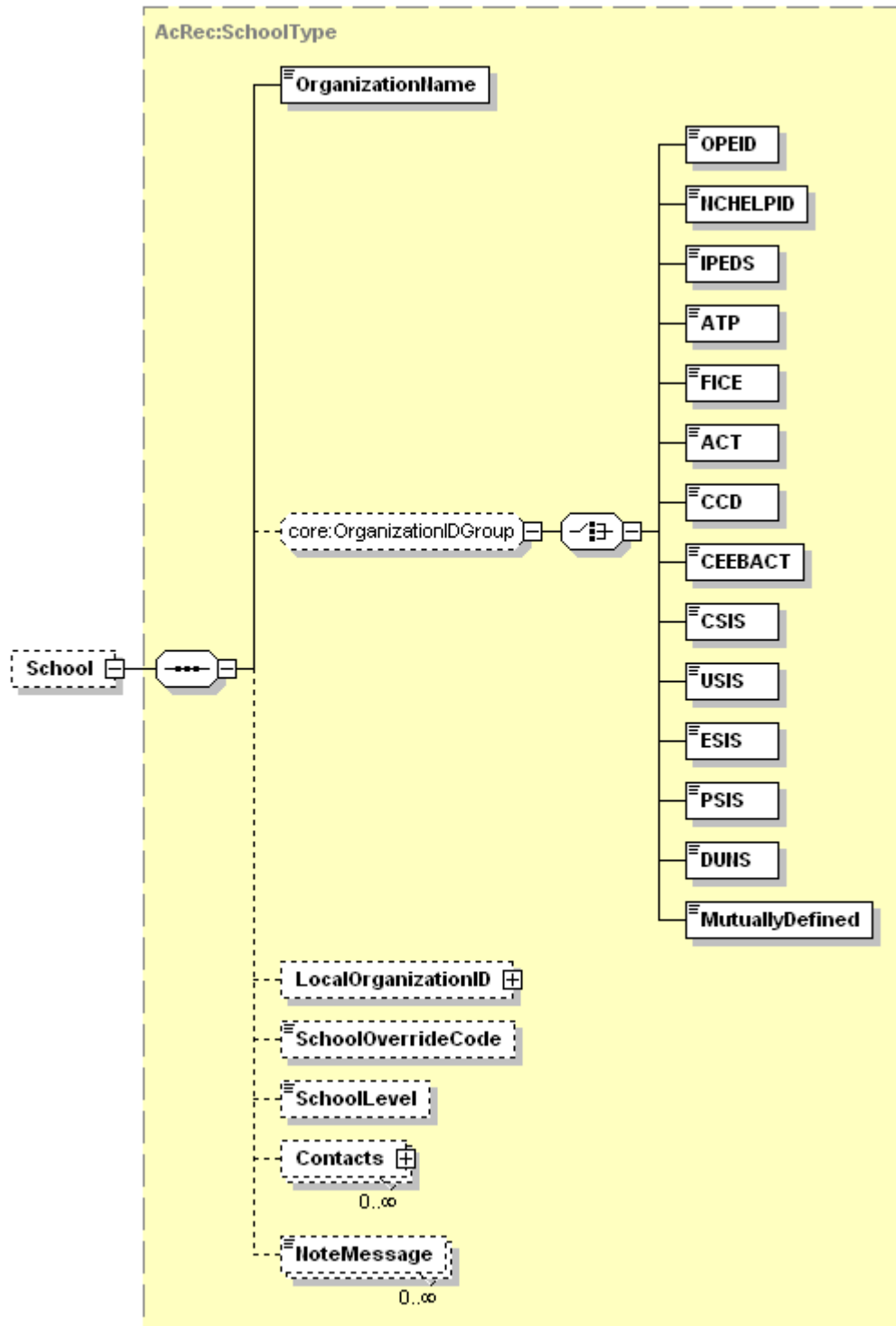
Code Example:

```

<AcademicSessionDetail>
  <SessionDesignator>2005-08</SessionDesignator>
  <SessionDesignatorSuffix>1</SessionDesignatorSuffix>
  <SessionName>Fall Semester 2005</SessionName>
  <SessionType>Semester</SessionType>
  <SessionBeginDate>2005-08-22</SessionBeginDate>
  <SessionEndDate>2005-12-16</SessionEndDate>
  <NoteMessage/>
</AcademicSessionDetail>

```

Student.AcademicRecord. AcademicSession.School



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|-----------------|---|-----------------------|--|
| OrganizationName | Required | Name of Override School | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 60 |
| OPEID | Required choice | The unique identifier assigned by the Office of Postsecondary Education for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| Comment: The OPEID would only be an appropriate choice if the courses taken in this session were taken at a postsecondary institution. | | | | |
| NCHELPID | Required choice | The unique identifier assigned by National Council on Higher Education Loan Programs for each data exchange partner. | Not Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| Comment: The NCHELPID is not an appropriate code set for the Test score report | | | | |
| IPEDS | Required choice | The unique identifier assigned by the National Center for Education Statistics for the Integrated Postsecondary Education Data System for each postsecondary data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The IPEDS would only be an appropriate choice if the courses taken in this session were taken at a postsecondary institution. | | | | |
| ATP | Required choice | The unique identifier assigned for the Admissions Testing Program by the College Board for each postsecondary data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The ATP would only be an appropriate choice if the courses taken in this session were taken at a postsecondary institution. | | | | |
| FICE | Required choice | The unique identifier assigned for the Federal Interagency Committee on Education by the US Department of Education's National Center for Education Statistics for each postsecondary data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The FICE would only be an appropriate choice if the courses taken in this session were taken at a postsecondary institution. | | | | |
| ACT | Required choice | The unique identifier assigned by the American College Testing or ACT for each postsecondary data exchange partner. See www.act.org . | Not Recommended | minOcc 0 maxOcc 1 minLen 4 maxLen 4 |
| Comment: The ACT would only be an appropriate choice if the courses taken in this session were taken at a postsecondary institution. | | | | |
| CCD | Required choice | The unique identifier assigned by the US Department of Education's National Center for Education Statistics as the Common Core of Data for each K12 data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |
| Comment: The CCD would be an appropriate choice if the courses taken in this session were taken at another secondary school. | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|-----------------|---|-----------------------|--|
| CEEBACT | Required choice | The unique identifier assigned by the College Entrance Examining Board and ACT for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The CEEBACT would be an appropriate choice if the courses taken in this session were taken at another secondary institution. | | | | |
| CSIS | Required choice | The unique identifier assigned by the Statistics Canada Canadian College Student Information System for each data exchange partner in Canada | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The CSIS would only be an appropriate choice if the courses taken in this session were taken at a Canadian institution. | | | | |
| USIS | Required choice | The unique identifier assigned by the Statistics Canada University Student Information System for each data exchange partner in Canada | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The USIS would only be an appropriate choice if the courses taken in this session were taken at a Canadian institution. | | | | |
| ESIS | Required choice | The unique identifier assigned by the Statistics Canada Enhanced Student Information System for each data exchange partner in Canada | Recommended (use one) | minOcc 0 maxOcc 1 minLen 8 maxLen 8 |
| Comment: The ESIS would only be an appropriate choice if the courses taken in this session were taken at a Canadian institution. | | | | |
| PSIS | Required choice | A seven digit Canadian code that identifies primary and secondary educational institutions | Not Recommended | minOcc 0 maxLen 1 minLen 7 maxLen 7 |
| Comment: This may be used if the code is not available in one of the other code sets such as CEEB. | | | | |
| DUNS | Required choice | Data Universal Numbering System (DUNS), unique nine character company identification number issued by Dun and Bradstreet Corporation. | Not Recommended | minOcc 0 maxOcc 1 minLen 9 maxLen 9 |
| Comment: The DUNS number would not be an appropriate code set to use to identify the school at which high school or postsecondary school courses were taken. | | | | |
| LocalOrganizationID | Optional | A code set typically used by a state, province or region to further identify the receiving school or agency | Optional | minOcc 0 maxOcc 1 |
| SchoolOverrideCode | Optional | The source of the academic credit if not awarded by the home or parent institution. Institutional - Institutional Agreement Multicampus - Multiple Campus Course Offering Transfer - Transfer Credit StudyAbroad - Study Abroad Coop - Cooperative Program Reciprocal - Reciprocal Exchange Internship - Internship | Recommended | minOcc 0 maxOcc 1 Enumeration: Institutional Multicampus Transfer StudyAbroad Coop Reciprocal Internship |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|---|
| SchoolLevel | Optional | Indicates level of Override School | Recommended | minOcc 0 maxOcc 1 Enumeration: Elementary Secondary Postsecondary |
| Contacts | Optional Repeatable | Contact info at Override School | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the Override School | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: This entire section of the Schema would only be included if the courses taken during this session were taken at a school other than the sending school.</p> | | | | |

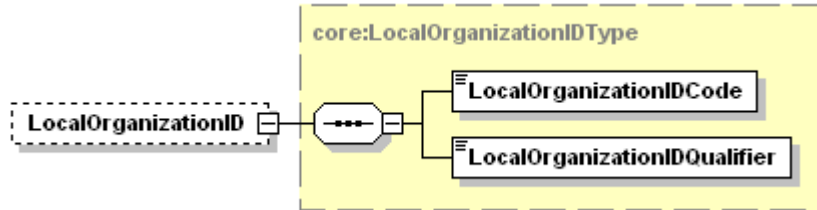
Code Example:

```

<School>
  <OrganizationName>New Trier Township High School</OrganizationName>
  <CEEBACT>144430</CEEBACT>
  <SchoolOverrideCode>Transfer</SchoolOverrideCode>
  <SchoolLevel>Secondary</SchoolLevel>
  <Contacts>
    SubElement omitted to save space
  </Contacts>
  <NoteMessage/>
</School>
    
```


Student.AcademicRecord.AcademicSession.School.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.

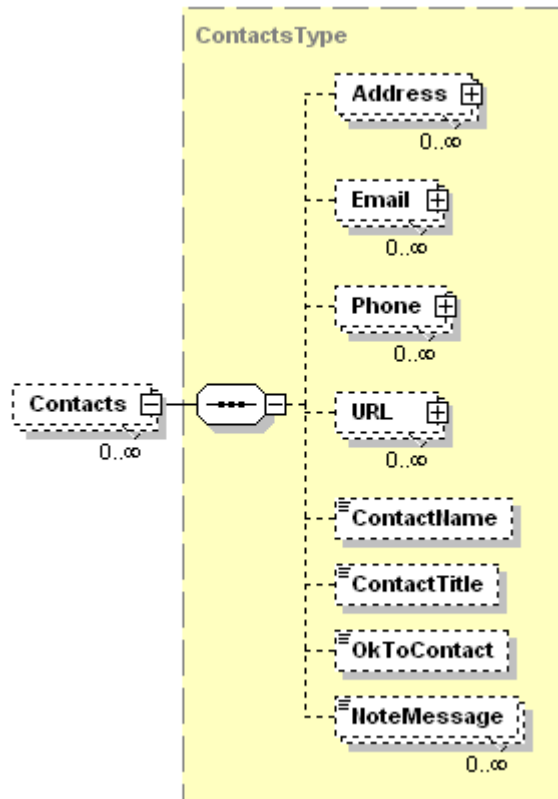


| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|--|-----------------|--|
| LocalOrganizationIDCode | Required | The code assigned for the receiving school by the state, province or other mutually defined agency specified in the LocalOrganizationIDQualifier that follows.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

Code Example:

```
<LocalOrganizationID>
  <LocalOrganizationIDCode>GA-430000356</LocalOrganizationIDCode>
  <LocalOrganizationIDQualifier>GA</LocalOrganizationIDQualifier>
</LocalOrganizationID>
```

Student.AcademicRecord. AcademicSession.School.Contacts



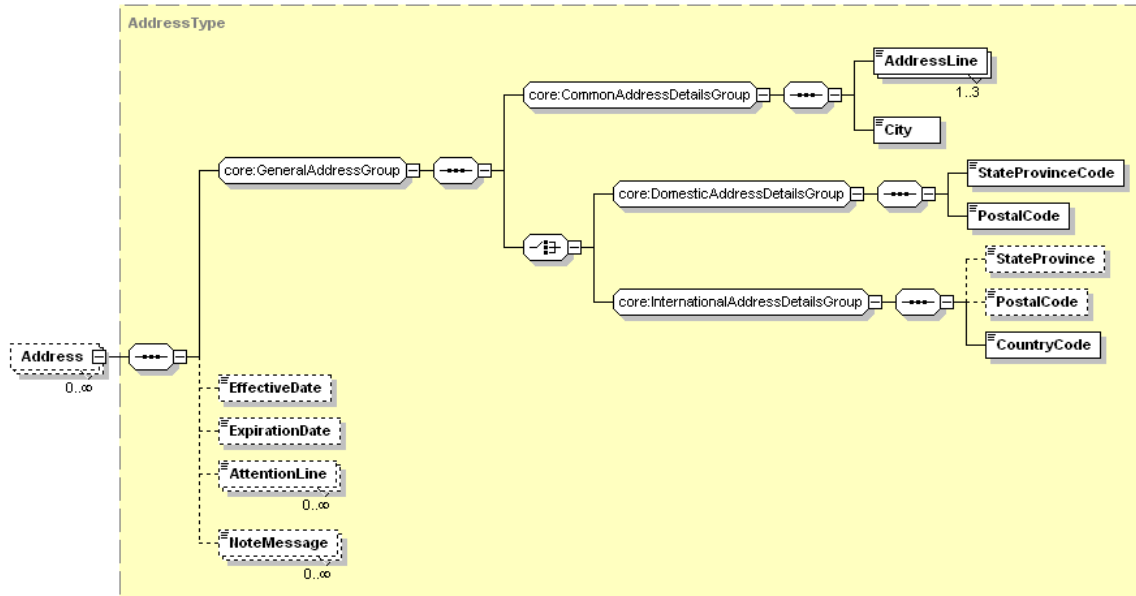
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|---|-----------------|---|
| Address | Optional Repeatable | Address of the Override School | Recommended | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email Address of the Override School | Optional | minOcc 0 maxOcc ∞ |
| Phone | Optional Repeatable | Phone Number of the Override School | Optional | minOcc 0 maxOcc ∞ |
| URL | Optional Repeatable | Universal Resouce Locator of the Override School | Optional | minOcc 0 maxOcc ∞ |
| ContactName | Optional Repeatable | Name of the contact at the Override School | Optional | minOcc 0 maxOcc ∞ |
| ContactTitle | Optional Repeatable | Job title or position of the contact at the Override School | Optional | minOcc 0 maxOcc ∞ |
| OkToContact | Optional Repeatable | Indicates if the contact person at the Override school may be contacted for additional information. | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the contacts at the Override School | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Contacts>
  <Address>
    SubElement omitted to save space
  </Address>
  <Email>
    SubElement omitted to save space
  </Email>
  <Phone>
    SubElement omitted to save space
  </Phone>
  <URL>
    SubElement omitted to save space
  </URL>
  <ContactName>George Eliot</ContactName>
  <ContactTitle>Dean of Students.</ContactTitle>
  <OkToContact>Yes</OkToContact>
  <NoteMessage/>
</Contacts>
```

Student.AcademicRecord. AcademicSession.School.Contacts.Address

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



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

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

Code Example 1 (Domestic Address):

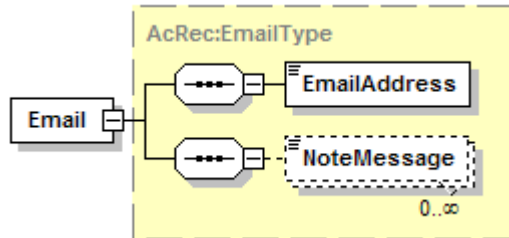
```
<Address>
  <AddressLine>1715 W Cesar Chavez</AddressLine>
  <City>Austin</City>
  <StateProvinceCode>TX</StateProvinceCode>
  <PostalCode>78703</PostalCode>
  <AttentionLine>Jane Doe</AttentionLine>
  <AttentionLine>GuidanceCounselor</AttentionLine>
  <NoteMessage/>
</Address>
```

Code Example 2 (International Address):

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

Student.AcademicRecord.AcademicSession.School.Contacts.Email

Note: Although Email is an optional complex data element, if it is included, then the data element EmailAddress must be included.



| 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 minLen 1 maxLen 128 |
| NoteMessage | Optional Repeatable | Additional information about the email address | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

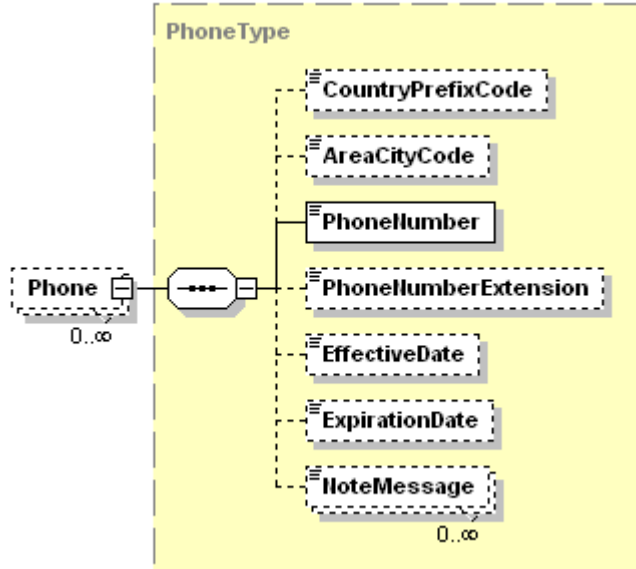
Comment: This is the email address for a contact at the override school.

Code Example:

```
<Email>
  <EmailAddress>notaddress@al.com</EmailAddress>
  <NoteMessage/>
</Email>
```

Student.AcademicRecord.AcademicSession.School.Contacts.Phone

Note: Although Phone is an optional complex data element, if it is included, then the data element PhoneNumber must be included.



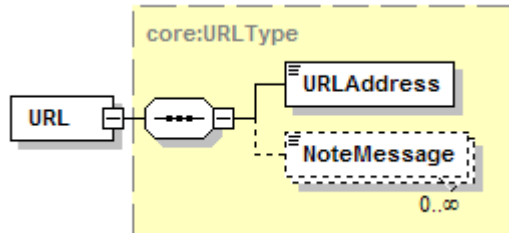
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|--|-----------------|--|
| CountryPrefixCode | Optional | International dialing code. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 |
| Comment: For example, the international dialing code for phone numbers in the US is "1". These codes are typically found in the information pages in the front of a telephone directory for a city or area. | | | | |
| AreaCityCode | Optional | Regional dialing code. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 5 |
| PhoneNumber | Required | Telephone number. | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 11 |
| Comment: If the phone data element is sent, then the phone number must be sent. It should 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 minLen 1 maxLen 5 |
| Effective Date | Optional | Date on which the address became (or will become) effective | Optional | minOcc 0 maxOcc 1 Format: CCYY |
| Expiration Date | Optional | Date on which the address expired (or will expire) | Optional | minOcc 0 maxOcc 1 Format: CCYY |
| NoteMessage | Optional Repeatable | Additional information about the phone number | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Phone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>4757638</PhoneNumber>
  <PhoneNumberExtension>3356</PhoneNumberExtension>
  <NoteMessage/>
</Phone>
```

Student.AcademicRecord.AcademicSession.School.Contacts.URL

Note: Although URL is an optional complex data element, if it is included, then the data element URLAddress must be included.



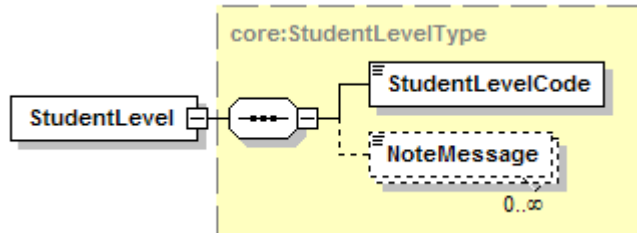
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|---|-----------------|--|
| URLAddress | Required | The Uniform Resource Locator (URL) address associated with a product, deliverable or contact. | Required | minOcc 1 maxOcc 1 minLen 0 maxLen 512 |
| NoteMessage | Optional Repeatable | Additional information about the URL | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: This is the URL of the override school. | | | | |

Code Example:

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

Student.AcademicRecord.AcademicSession.StudentLevel

Note: Although StudentLevel is an optional complex data element, if it is included, then the data element StudentLevelCode must be included.



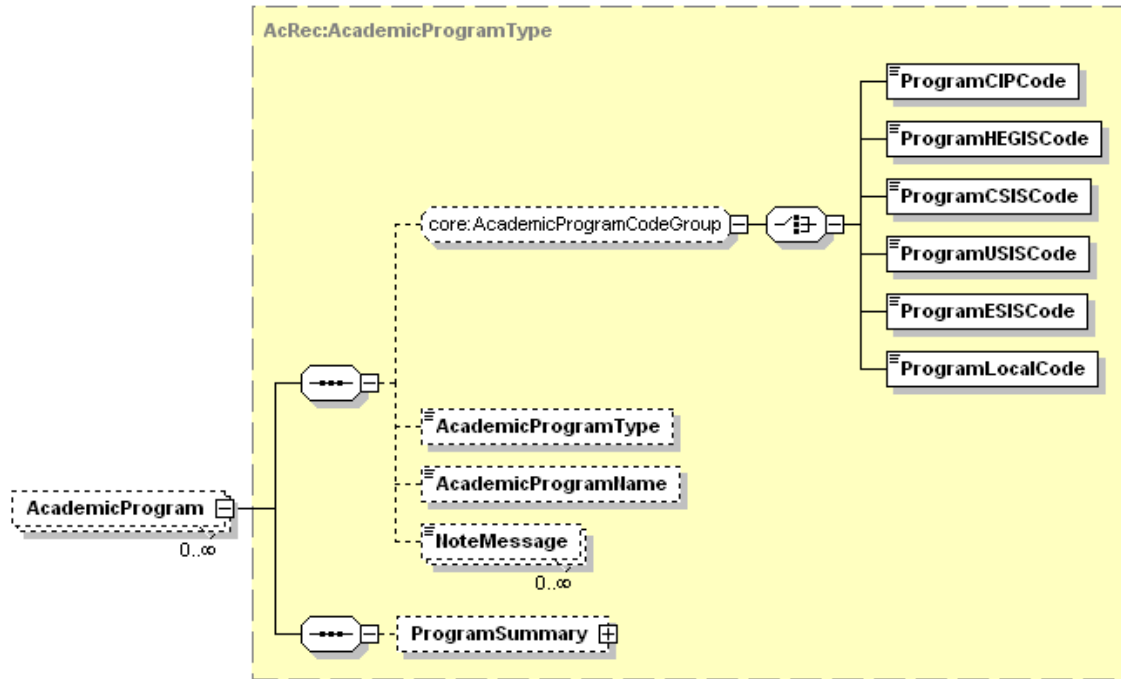
| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------|---------------------|--|-----------------|---|
| StudentLevelCode | Required | The student's grade level or academic classification at the start of this academic session | Required | minOcc 1 maxOcc 1 Enumeration: SeventhGrade EighthGrade NinthGrade TenthGrade EleventhGrade TwelfthGrade |
| NoteMessage | Optional Repeatable | Additional information about the student level | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<StudentLevel>
  <StudentLevelCode>EighthGrade</StudentLevelCode>
  <NoteMessage/>
</StudentLevel>
    
```

Student.AcademicRecord.AcademicSession.AcademicProgram



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------------|--|-----------------|--|
| ProgramCIPCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Classification of Instructional Programs | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramHEGISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Higher Education General Information Survey | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramCSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Statistics Canada Canadian College Student Information System | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramUSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada University Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramESISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada Enhanced Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| ProgramLocalCode | Optional exclusive choice | Proprietary code used by the School to describe its program. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| Comment: Although the entire Academic Program Code Group is optional, there are no appropriate code sets included for high school programs in the US. | | | | |
| AcademicProgramType | Optional | Indicates whether the academic program is a major, minor, area of concentration or specialization. | Recommended | minOcc 0 maxOcc 1 Enumeration: Concentration Major Minor Specialization |
| AcademicProgramName | Optional | Literal name of program, major, or field | Recommended | minOcc 0 |

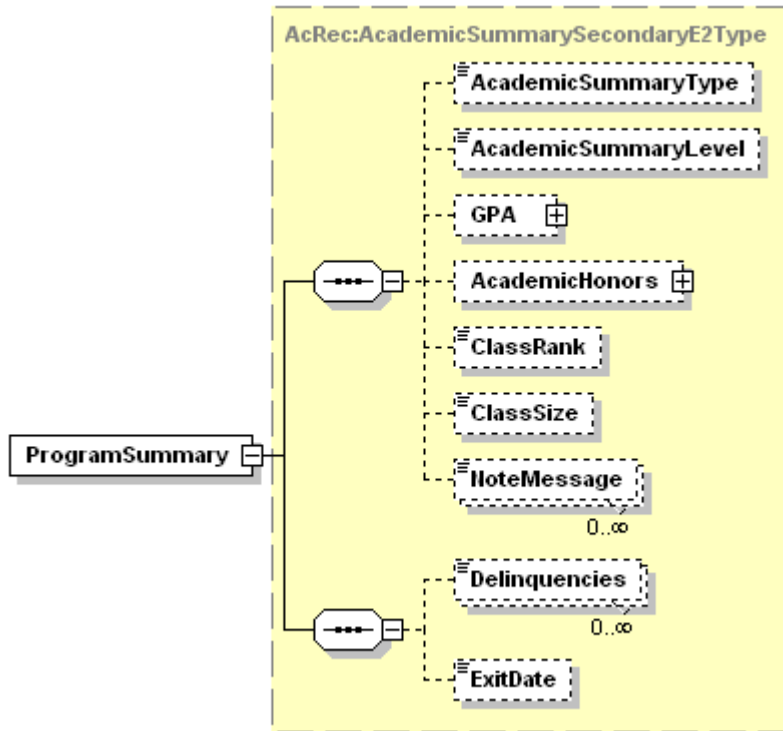
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|---|
| | | of study. | | maxOcc 1 minLen 1 maxLen 60 |
| NoteMessage | Optional Repeatable | Additional information about the academic program | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| ProgramSummary | Optional | Summary information about the Academic Program | Optional | minOcc 0 maxOcc 1 |
| <p>Comment: This entire portion of the schema (Academic Program Type) would not normally be included in the schema for a test score report.</p> | | | | |

Code Example:

```

<AcademicProgram>
  <ProgramCIPCode/>
  <AcademicProgramType>Major</AcademicProgramType>
  <AcademicProgramName>General Transfer Track</AcademicProgramName>
  <NoteMessage/>
  <ProgramSummary>
    SubElement omitted to save space
  </ProgramSummary>
</AcademicProgram>
    
```

Student.AcademicRecord.AcademicSession.AcademicProgram.ProgramSummary



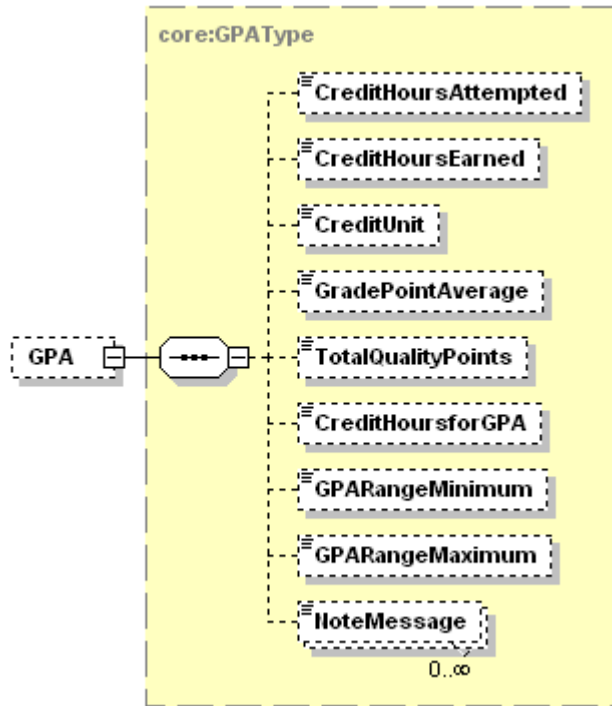
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|--|-----------------|---|
| AcademicSummaryType | Optional | Summary Type is an indication of what is being summarized over what period of time See Appendix C for the the description of the enumerated list items. | Recommended | minOcc 0 maxOcc 1 Enumeration: All SenderOnly TransferOnly AllNotRepeated SenderNotRepeated TransferNotRepeated AcademicRenewal CarryoverCredit DegreeApplicable NonDegreeApplicable ConvertedFrom ConvertedTo UserDefined Weighted NonWeighted |
| AcademicSummaryLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessional |
| Comment: None of these values are appropriate for the test score report. | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|--|-----------------|--|
| GPA | Optional | GPA for the Academic Program | Not Recommended | minOcc 0 maxOcc 1 |
| Comment: It would be unusual to find the student's GPA, in an academic program within a session or term, on a test score report. | | | | |
| AcademicHonors | Optional | Honors for the Award Program | Not Recommended | minOcc 0 maxOcc 1 |
| Comment: It would be unusual to find Academic Honors, in an academic program within a session or term on a test score report. | | | | |
| ClassRank | Optional | The student's class rank relative to other students in their academic cohort (e.g. class). | Not Recommended | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| Comment: It would be unusual to find the student's Class Rank, in an academic program within a session or term, on a test score report. So, it is not recommended to include the student's Class Rank at this point in the Schema. | | | | |
| ClassSize | Optional | The numeric size of the academic cohort (e.g. class). | Not Recommended | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| Comment: It would be unusual to find the size of the student's class, in an academic program within a session or term, on a test score report. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the Program Summary | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: If class rank and class size are provided, a note might be appropriate to describe the cohort and when the ranking occurred. | | | | |
| Delinquencies | Optional Repeatable | The academic standing of the student upon transfer to the institution. <i>GoodStanding</i> - Student was in good standing <i>ProbationGPA</i> - Student was on academic probation (because of low GPA) <i>ProbationHours</i> - Student was on academic probation (deficiency in credit hours) <i>SuspensionGPA</i> - Student was on academic suspension (because of low GPA) <i>SuspensionHours</i> - Student was on academic suspension (deficiency in credit hours) <i>ProbationDiscipline</i> - Student was on disciplinary probation <i>SuspensionDiscipline</i> - Student was on disciplinary suspension <i>Unknown</i> <i>Other</i> | Not Recommended | minOcc 0 maxOcc ∞ Enumeration: GoodStanding ProbationGPA ProbationHours SuspensionGPA SuspensionHours ProbationDiscipline SuspensionDiscipline Unknown Other |
| ExitDate | Optional | The date on which the student officially withdrew or graduated. | Not Recommended | minOcc 0 maxOcc 1 xs:date |
| Comment: This date would be the date the student withdrew or was removed from the academic program. The format for date is ccy-mm-dd. | | | | |
| Comment: This section of the test score report refers to a summary of the academic record for the specific academic program the student took within a specific academic session. This is not normally included in a test score report. | | | | |

Code Example:

```
<ProgramSummary>
  <AcademicSummaryType>All</AcademicSummaryType>
  <AcademicSummaryLevel/>
  <GPA>
    SubElements omitted to save space.
  </GPA>
  <AcademicHonors>
    SubElements omitted to save space.
  </AcademicHonors>
  <ClassRank/>
  <ClassSize/>
  <NoteMessage/>
  <Delinquencies/>
  <ExitDate/>
</ProgramSummary>
```


Student.AcademicRecord.AcademicSession.AcademicProgram.ProgramSummary.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. | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <p>Comment: This would also include the credit value of a course from which the student withdrew, if it appears on the test score report. So if a student had enrolled in 10 Carnegie Units which are all included in the specified program and appear on the test score report, 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 in this program and are on the test score report, then the value of this field would be "10.5".</p> | | | | |
| CreditHoursEarned | Optional | The total value of credit hours successfully completed or earned. | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <p>Comment: If the student had earned 5 Carnegie Units and they all counted toward this program for this diploma, then the value of this data element would be "5". If only 4.5 units were earned, then the value would be "4.5".</p> | | | | |
| CreditUnit | Optional | The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: NoCredit Quarter Semester Units ClockHours CarnegieUnits ContinuingEducationUnits Unreported Other |
| <p>Comment: Note that the credit unit is not necessarily directly related to the type of session in which a course is offered. A full year course, or a semester course, or a quarter course, may all offer Carnegie Units or Units as the credit unit.</p> | | | | |
| GradePointAverage | Optional | The value of the total quality points divided by the Credit Hours for Grade Point Average. | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |

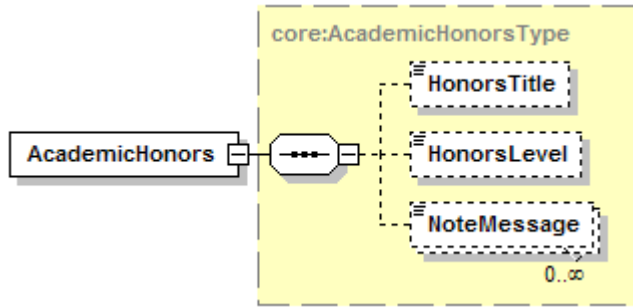
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------------|------------------------|--|-----------------|---|
| | | Comment: For example, if the student had enrolled for 10 Carnegie Units that counted toward this diploma and this program, passed 8 units with grades of B 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. | Not 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. | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If a student earned grades of A (worth 4 grade points per unit) in 3 Carnegie Units in this program for this diploma; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma and this program would be "7". | | |
| | | | | |
| GPARangeMinimum | Optional | The minimum possible GPA | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| GPARangeMaximum | Optional | The maximum possible GPA | Not Recommended | minOcc 0 maxOcc 1 xs:decimal |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| | | Comment: The GPA in this section of the Schema is for the student's academic program for a specific session. It would be very unusual to include this on a test score report, since the entire portion about the student's program is not normally included on a test score report. | | |

Code Example:

```

<GPA>
  <CreditHoursAttempted/>
  <CreditHoursEarned/>
  <CreditUnit/>
  <GradePointAverage/>
  <TotalQualityPoints/>
  <CreditHoursforGPA/>
  <GPARangeMinimum/>
  <GPARangeMaximum/>
  <NoteMessage/>
</GPA>
    
```

Student.AcademicRecord.AcademicSession.AcademicProgram.ProgramSummary.AcademicHonors



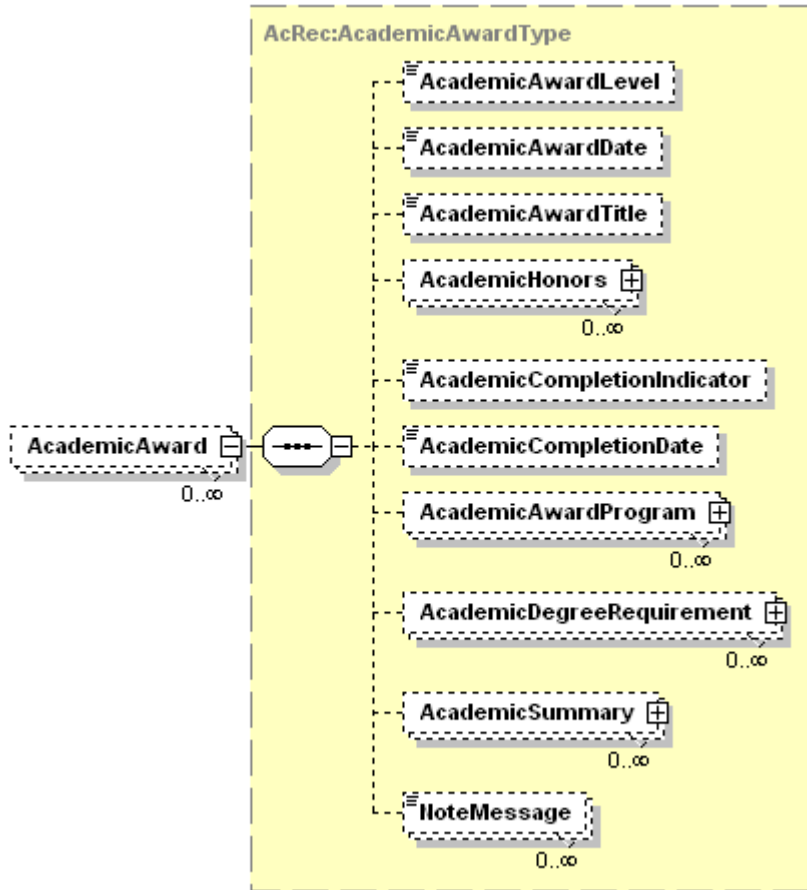
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| HonorsLevel | Optional | A code value representing 1st highest honor, 2nd highest and 3rd highest. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: FirstHighest SecondHighest ThirdHighest |
| NoteMessage | Optional Repeatable | Additional information about the Academic Honors | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: The inclusion of honors awarded for a student's program for a specific session would not typically be found on a student's test score report, so this section of the Schema would not normally be included.</p> | | | | |

Code Example:

```

<AcademicHonors>
  <HonorsTitle/>
  <HonorsLevel/>
  <NoteMessage/>
</AcademicHonors>
  
```

Student.AcademicRecord.AcademicSession.AcademicAward



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|--|-----------------|---|
| AcademicAwardLevel | Optional | The level of the degree, certificate, or award granted for the successful completion of requirements of an academic program. See Appendix C for the the description of the enumerated list items. | Recommended | minOcc 0 maxOcc 1 Enumeration: B17 B18 B19 B20 B21 B22 B23 B24 B25 B26 B27 B28 |
| AcademicAwardDate | Optional | The date on which the academic award was conferred. | Recommended | minOcc 0 maxOcc 1 xs:date |
| Comment: This is the nominal date when the award was granted. It might not be the same as the actual date of completion of the award requirements. If not the same, then this date will usually be later. The format for the date is ccyymm-dd. | | | | |
| AcademicAwardTitle | Optional | The descriptive title for the academic award. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 80 |
| Comment: The typical title for the award on a test score report would be "diploma." | | | | |

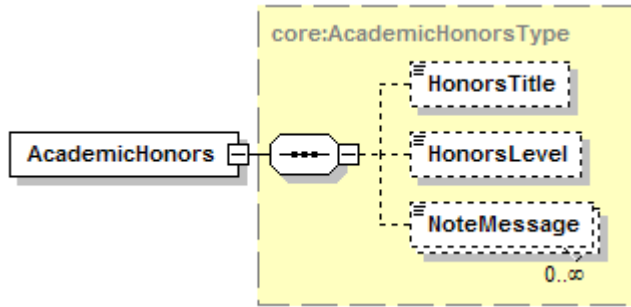
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|--------------------|---|
| AcademicHonors | Optional Repeatable | Honors information for the academic award. | Recommended | minOcc 0 maxOcc ∞ |
| AcademicCompletionIndicator | Optional | An indication that the degree-seeking student completed all of the requirements for his or her academic program. Not used for Non-Degree programs. | Recommended | minOcc 0 maxOcc 1 true/false |
| Comment: The value is "true" or "false" with all letters in lower case. The "true" condition would be typically be met on or before the date indicated in the "AcademicAwardDate" field, if that field is sent. If neither the completion date nor the award date is included, then sending this indicator is even more important. | | | | |
| AcademicCompletionDate | Optional | The date on which the student's requirements for the degree were met or completed. | Recommended | minOcc 0 maxOcc 1 xs:date |
| Comment: This is the actual date when all requirements for the award were completed. It might not be the same as the nominal date of the award. | | | | |
| AcademicAwardProgram | Optional Repeatable | Information related to the specific area of study (e.g., major) under which the award was granted. | Optional | minOcc 0 maxOcc ∞ |
| Comment: The Academic Award Program would not normally be included on a test score report, so this part of the schema would not normally be sent. | | | | |
| AcademicDegreeRequirement | Optional Repeatable | Thesis or dissertation information if required for the award. | Not Recommended | minOcc 0 maxOcc ∞ |
| Comment: Thesis or dissertation is not appropriate for the test score report. | | | | |
| AcademicSummary | Optional Repeatable | Academic summary information pertaining to the award. | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the academic award | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: This is the appropriate place in the Schema to include the awarding of the high school diploma if the high school normally includes it in the session in which all the requirements were met. However, the Workgroup that developed the PESC XML Test score report Schema recommends that the award of the high school diploma be included under Student.AcademicRecord.AcademicAward. | | | | |

Code Example:

```

<AcademicAward>
  <AcademicAwardLevel>B18</AcademicAwardLevel>
  <AcademicAwardDate>2005-05-09</AcademicAwardDate>
  <AcademicAwardTitle>Standard Diploma</AcademicAwardTitle>
  <AcademicHonors>
    SubElement omitted to save space
  </AcademicHonors>
  <AcademicCompletionIndicator>true</AcademicCompletionIndicator>
  <AcademicCompletionDate>2005-05-09</AcademicCompletionDate>
  <AcademicAwardProgram>
    SubElement omitted to save space
  </AcademicAwardProgram>
  <AcademicDegreeRequirement>
    SubElement omitted to save space
  </AcademicDegreeRequirement>
  <AcademicSummary>
    SubElement omitted to save space
  </AcademicSummary>
  <NoteMessage/>
</AcademicAward>
    
```

Student.AcademicRecord.AcademicSession.AcademicAward.AcademicHonors



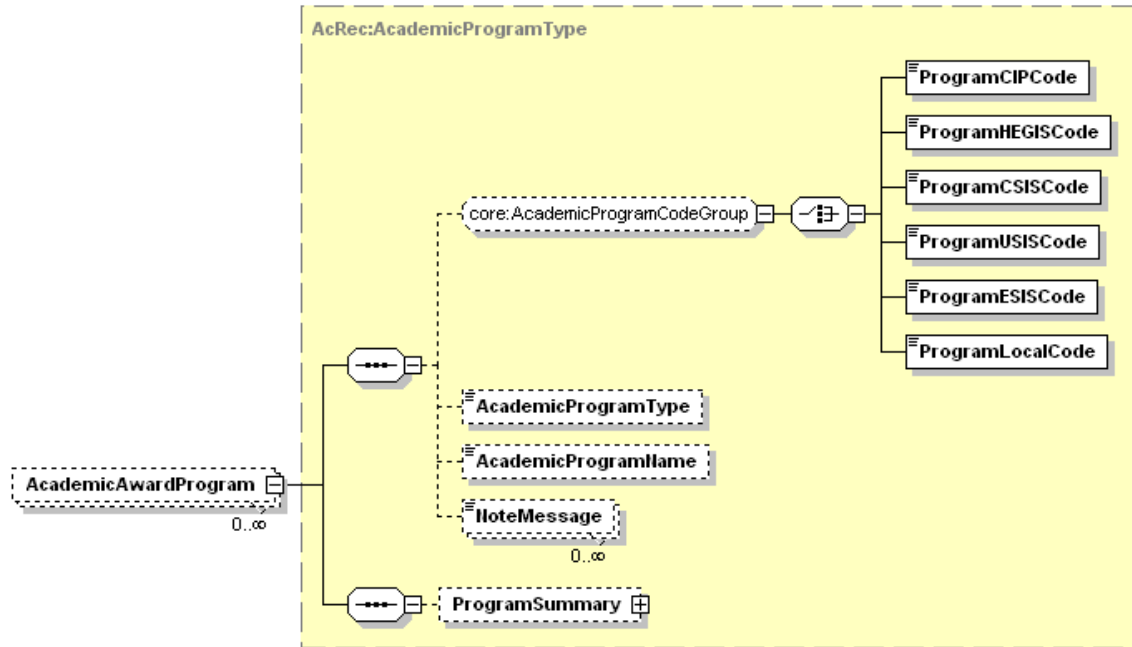
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|--|--|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| | Comment: There is a variety of names for these honors in the United States. Some common ones are "Valdictorian", "Salutatorian", "With Honors", "Magna Cum Laude", etc. | | | |
| HonorsLevel | Optional | A code value representing 1st highest honor, 2nd highest and 3rd highest | Recommended | minOcc 0 maxOcc 1 Enumeration: FirstHighest SecondHighest ThirdHighest |
| NoteMessage | Optional Repeatable | Additional information about the academic honors | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: This is the appropriate place in the Schema to include any honors earned with the diploma if this is normally included in the session in which the diploma requirements were met. Examples might be "Salutatorian", "First Tier Award", "National Merit Scholar". | | | | |

Code Example:

```

<AcademicHonors>
  <HonorsTitle>Summa Cum Laude</HonorsTitle>
  <HonorsLevel>FirstHighest</HonorsLevel>
  <NoteMessage/>
</AcademicHonors>
    
```

Student.AcademicRecord.AcademicSession.AcademicAward.AcademicAwardProgram



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------------|--|-----------------|--|
| ProgramCIPCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Classification of Instructional Programs | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramHEGISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Higher Education General Information Survey | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramCSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Statistics Canada Canadian College Student Information System | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramUSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada University Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramESISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada Enhanced Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| ProgramLocalCode | Optional exclusive choice | Proprietary code used by the School to describe its program. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| Comment: None of the above six choices are appropriate for indicating academic programs at US High Schools. | | | | |
| AcademicProgramType | Optional | Indicates whether the academic program is a major, minor, area of concentration or specialization. | Optional | minOcc 0 maxOcc 1 Enumeration: Concentration Major Minor Specialization |
| AcademicProgramName | Optional | Literal name of program, major, or field of study. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 60 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------|------------------------|---|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information about the Academic Award Program | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| ProgramSummary | Optional | Summary information about the Academic Award Program | Optional | minOcc 0 maxOcc 1 |

Comment: This entire portion of the schema, which describes a student's academic program, would not normally be included in a test score report.

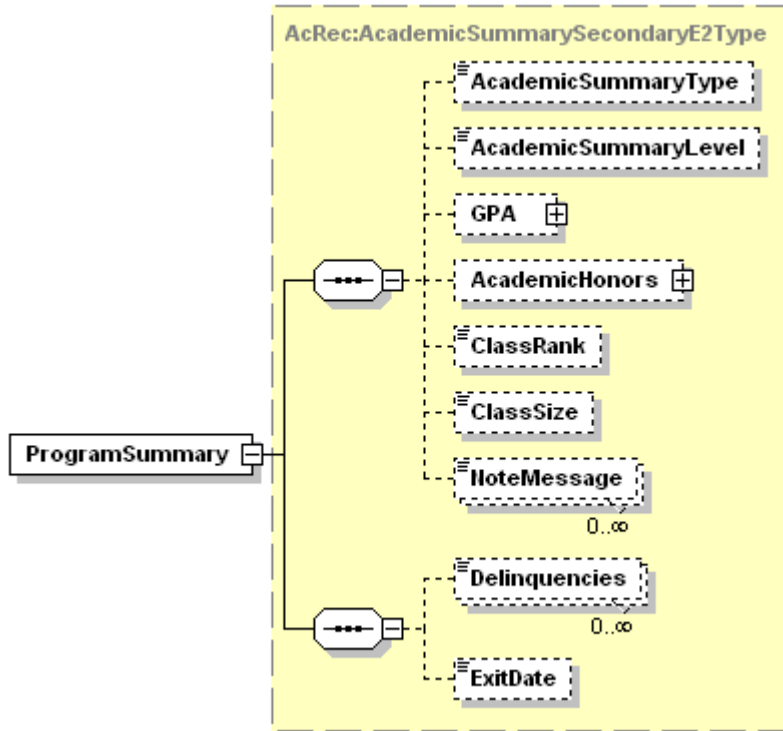
Code Example:

```

<AcademicAwardProgram>
  <ProgramCIPCode/>
  <AcademicProgramType>Major</AcademicProgramType>
  <AcademicProgramName>General Transfer Track</AcademicProgramName>
  <NoteMessage/>
  <ProgramSummary>
    SubElements omitted to save space.
  </ProgramSummary>
</AcademicAwardProgram>

```


Student.AcademicRecord.AcademicSession.AcademicAward.AcademicAwardProgram.ProgramSummary



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|--|-----------------|---|
| AcademicSummaryType | Optional | Summary Type is an indication of what is being summarized over what period of time See Appendix C for the the description of the enumerated list items. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: All SenderOnly TransferOnly AllNotRepeated SenderNotRepeated TransferNotRepeated AcademicRenewal CarryoverCredit DegreeApplicable NonDegreeApplicable ConvertedFrom ConvertedTo UserDefined Weighted NonWeighted |
| AcademicSummaryLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessional |
| Comment: None of these values seem appropriate for the test score report. | | | | |
| GPA | Optional | GPA for the Award Program | Optional | minOcc 0 |

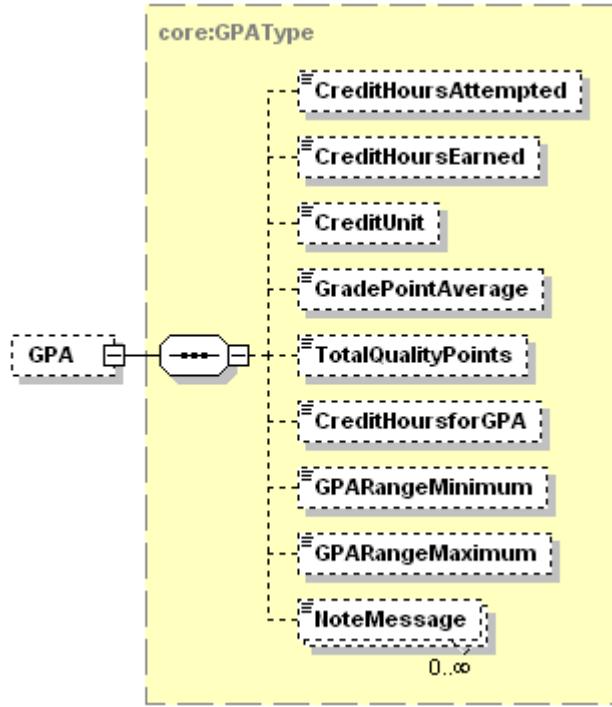
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|--|
| | | | | maxOcc 1 |
| AcademicHonors | Optional | Honors for the Award Program | Optional | minOcc 0 maxOcc 1 |
| ClassRank | Optional | The student's class rank relative to other students in their academic cohort (e.g. class). | Optional | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| ClassSize | Optional | The numeric size of the academic cohort (e.g. class). | Optional | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| NoteMessage | Optional Repeatable | Additional information about the Program Summary | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Delinquencies | Optional Repeatable | The academic standing of the student upon transfer to the institution. | Not Recommended | minOcc 0 maxOcc ∞ Enumeration: GoodStanding ProbationGPA ProbationHours SuspensionGPA SuspensionHours ProbationDiscipline SuspensionDiscipline Unknown Other |
| ExitDate | Optional | The date on which the student officially withdrew or graduated. | Not Recommended | minOcc 0 maxOcc 1 xs:date |
| <p>Comment: This would be the date the student withdrew or graduated from a specific program. This would not normally be included in the test score report. If used, the date format is ccyy-mm-dd.</p> | | | | |
| <p>Comment: This section of the test score report refers to a summary of the Academic Award Program for a specific Academic Session. This is not normally included in a test score report.</p> | | | | |

Code Example:

```

<ProgramSummary>
  <AcademicSummaryType/>
  <AcademicSummaryLevel/>
  <GPA>
    SubElements omitted to save space.
  </GPA>
  <AcademicHonors>
    SubElements omitted to save space.
  </AcademicHonors>
  <ClassRank>126</ClassRank>
  <ClassSize>342</ClassSize>
  <NoteMessage/>
  <Delinquencies/>
  <ExitDate/>
</ProgramSummary>
    
```

Student.AcademicRecord.AcademicSession.AcademicAward.AcademicAwardProgram.ProgramSummary.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 |
| | | <p>Comment: This would also include the credit value of a course from which the student withdrew, if it appears on the test score report. So if a student had enrolled in 10 Carnegie Units which are all included in the specified program in this session and appear on the test score report, 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 in this program in this session and are on the test score report, then the value of this field would be "10.5".</p> | | |
| CreditHoursEarned | Optional | The total value of credit hours successfully completed or earned. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | <p>Comment: If the student had earned 5 Carnegie Units and they all counted toward this program in this session for this diploma, then the value of this data element would be "5". If only 4.5 units were earned, then the value would be "4.5".</p> | | |
| 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 |

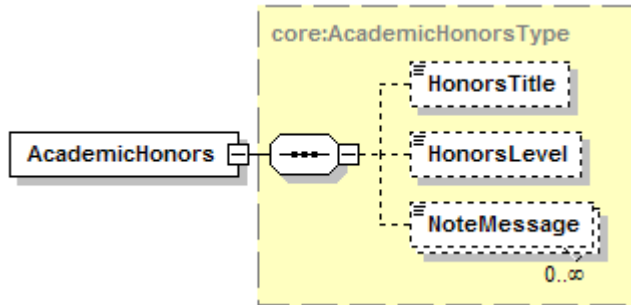
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|---|
| | | Comment: Note that the credit unit is not necessarily directly related to the type of session in which a course is offered. A full year course, or a semester course, or a quarter course, may all offer Carnegie Units or Units as the credit unit. | | |
| 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 that counted toward this diploma and this program in this session, 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 in this session, 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 in this program for this diploma in this session; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma and this program in this session would be "7". | | |
| GPARangeMinimum | Optional | The minimum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the lowest possible grade is an F and a grade of F is valued at 0 grade points, then this value would be "0", or "0.0" or "0.00". | | |
| GPARangeMaximum | Optional | The maximum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the highest possible grade is an A and a grade of A is valued at 4 grade points, then this value would be "4" or "4.0" or "4.00", etc. | | |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: Since information about the student's academic program is not normally included on a test score report, then this entire section about the GPA for the student's program would not normally be included. | | | | |

Code Example:

```

<GPA>
  <CreditHoursAttempted>12</CreditHoursAttempted>
  <CreditHoursEarned>12</CreditHoursEarned>
  <CreditUnit>CarnegieUnits</CreditUnit>
  <GradePointAverage>3.75</GradePointAverage>
  <TotalQualityPoints>45</TotalQualityPoints>
  <CreditHoursforGPA>12</CreditHoursforGPA>
  <GPARangeMinimum>0</GPARangeMinimum>
  <GPARangeMaximum>4</GPARangeMaximum>
  <NoteMessage/>
</GPA>
    
```

Student.AcademicRecord.AcademicSession.AcademicAward.AcademicAwardProgram.ProgramSummary.AcademicHonors



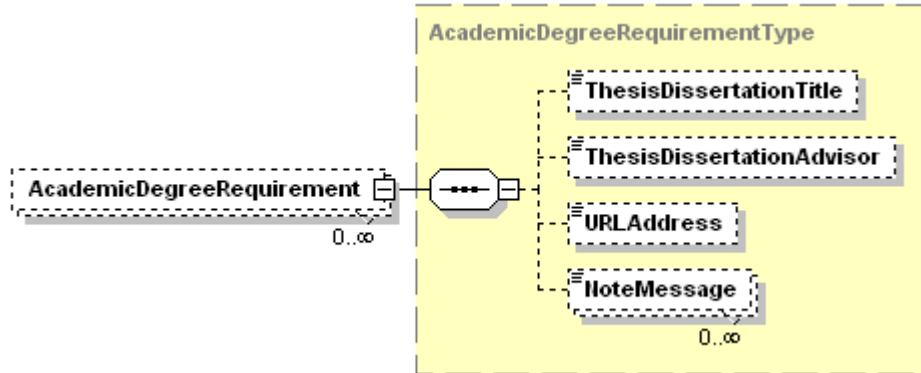
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|---|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| HonorsLevel | Optional | A code value representing 1st highest honor, 2nd highest and 3rd highest. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: FirstHighest SecondHighest ThirdHighest |
| NoteMessage | Optional Repeatable | Additional information about the Academic Honors | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: This entire section of the schema for honors awarded for a specific program in a specific session as part of a high school diploma would not normally be included on a test score report</p> | | | | |

Code Example:

```

<AcademicHonors>
  <HonorsTitle/>
  <HonorsLevel/>
  <NoteMessage/>
</AcademicHonors>
    
```

Student.AcademicRecord.AcademicSession.AcademicAward.AcademicDegreeRequirement



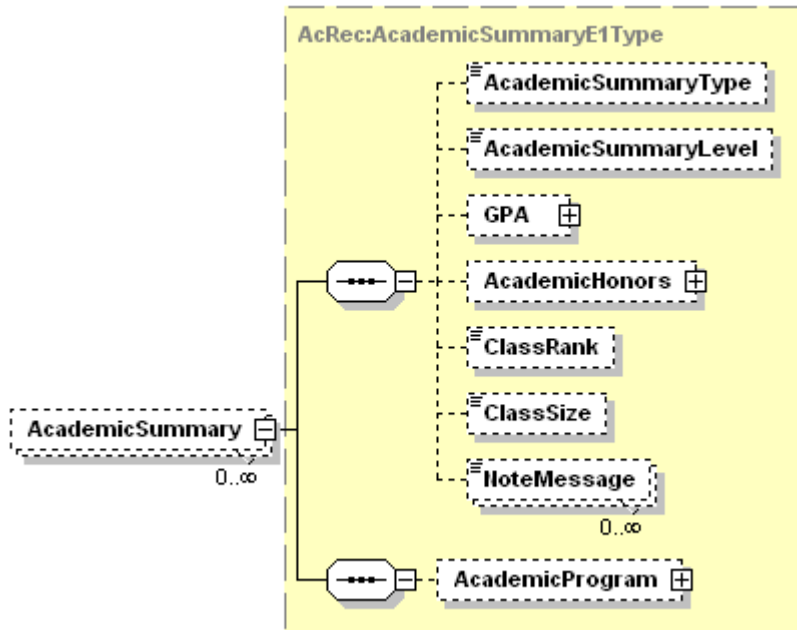
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------------|---------------------|--|-----------------|--|
| ThesisDissertationTitle | Optional | The title of the thesis or dissertation. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen |
| ThesisDissertationAdvisor | Optional | The advisor (Major Professor) who supervised the Thesis or Dissertation on behalf of the student earning the degree. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 45 |
| URL Address | Optional | The Uniform Resource Locator (URL) address associated with a product, deliverable or contact. | Not Recommended | minOcc 1 maxOcc 1 minLen 0 maxLen 512 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Degree Requirement | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Comment: It is not recommended to include Academic Degree Requirement in the Test score report, since it is inappropriate.

Code Example:

```
<AcademicDegreeRequirement>
  <ThesisDissertationTitle/>
  <ThesisDissertationAdvisor/>
  <NoteMessage/>
</AcademicDegreeRequirement>
```

Student.AcademicRecord.AcademicSession.AcademicAward.AcademicSummary



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|--|-----------------|---|
| AcademicSummaryType | Optional | Summary Type is an indication of what is being summarized over what period of time See Appendix C for the the description of the enumerated list items. | Recommended | minOcc 0 maxOcc 1 Enumeration: All SenderOnly TransferOnly AllNotRepeated SenderNotRepeated TransferNotRepeated AcademicRenewal CarryoverCredit DegreeApplicable NonDegreeApplicable ConvertedFrom ConvertedTo UserDefined Weighted NonWeighted |
| AcademicSummaryLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessional |
| Comment: None of these values seem appropriate for the test score report. | | | | |
| GPA | Optional | GPA for the Academic Award | Recommended | minOcc 0 maxOcc 1 |
| Comment: This is the GPA for the high school diploma when it is part of an academic session. | | | | |

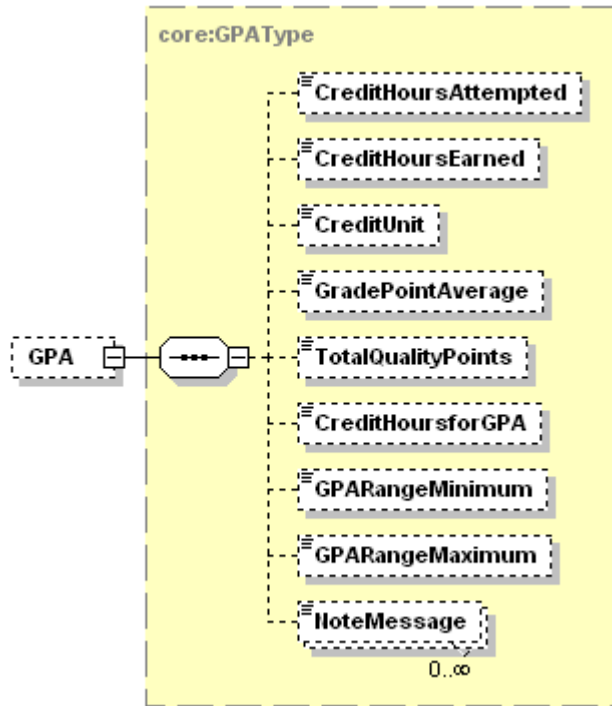
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|--|-----------------|--|
| AcademicHonors | Optional | Honors for the Academic Award | Recommended | minOcc 0 maxOcc 1 |
| ClassRank | Optional | The student's class rank relative to other students in their academic cohort (e.g. class). | Not Recommended | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| <p>Comment: The Workgroup that developed this PESC XML Test score report Schema recommends that this is not the most appropriate place to include a student's rank in class. Instead, if it is included in the test score report, a more appropriate place would be Student.AcademicRecord.AcademicSummary.</p> | | | | |
| ClassSize | Optional | The numeric size of the academic cohort (e.g. class). | Not Recommended | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Summary | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| AcademicProgram | Optional | Academic Program(s) related to this Academic Summary | Not Recommended | minOcc 0 maxOcc 1 |
| <p>Comment: While academic award programs and summaries can be communicated in several different elements, it is recommended that they be reported at the highest appropriate level. E.G., use AcademicAward.AcademicAwardProgram to indicate degree major; AcademicAward.AcademicAwardProgram.ProgramSummary for degree major GPA and honors; AcademicAward.AcademicSummary for degree GPA and honors.</p> | | | | |

Code Example:

```

<AcademicSummary>
  <AcademicSummaryType>All</AcademicSummaryType>
  <AcademicSummaryLevel/>
  <GPA>
    SubElement omitted to save space
  </GPA>
  <AcademicHonors>
    SubElement omitted to save space
  </AcademicHonors>
  <ClassRank>43</ClassRank>
  <ClassSize>849</ClassSize>
  <NoteMessage/>
  <AcademicProgram>
    SubElement omitted to save space
  </AcademicProgram>
</AcademicSummary>
    
```


Student.AcademicRecord.AcademicSession.AcademicAward.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 include the credit value of a course from which the student withdrew, if it appears on the test score report. So if a student had enrolled in 10 Carnegie Units which are all included for this diploma in this session and are on the test score report, 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 for this diploma awarded in this session and are on the test score report, 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 counted toward this diploma awarded in this session, then the value of this data element would be "5". If only 4.5 units were earned, then the value would be "4.5". | | |
| 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 |

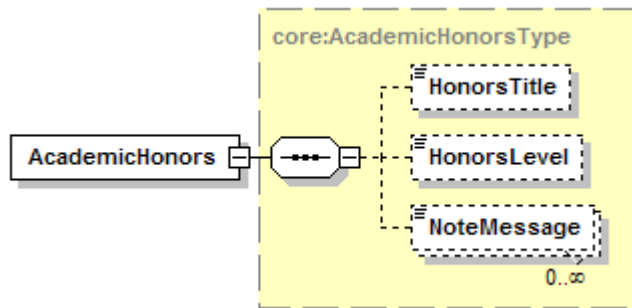
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|---|-----------------|---|
| | | Comment: For example, if the student had enrolled for 10 Carnegie Units that counted toward this diploma, passed 8 units with grades of B worth 3 grade points for each Carnegie 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, 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 for this diploma; grades of F (worth 0 points per unit) in 4 units; and withdrew from 5 units, then the total credit hours for GPA for this diploma would be "7". | | |
| GPARangeMinimum | Optional | The minimum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the lowest possible grade is an F and a grade of F is valued at 0 grade points, then this value would be "0", or "0.0" or "0.00", etc. | | |
| GPARangeMaximum | Optional | The maximum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: If the highest possible grade is an A and a grade of A is valued at 4 grade points, then this value would be "4" or "4.0" or "4.00", etc. | | |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: The GPA reported in this section of the Schema is an overall GPA for all courses that count toward the diploma described in this section. | | | | |

Code Example:

```

<GPA>
  <CreditHoursAttempted>12</CreditHoursAttempted>
  <CreditHoursEarned>12</CreditHoursEarned>
  <CreditUnit>CarnegieUnits</CreditUnit>
  <GradePointAverage>3.75</GradePointAverage>
  <TotalQualityPoints>45</TotalQualityPoints>
  <CreditHoursforGPA>12</CreditHoursforGPA>
  <GPARangeMinimum>0</GPARangeMinimum>
  <GPARangeMaximum>4</GPARangeMaximum>
  <NoteMessage/>
</GPA>
    
```

Student.AcademicRecord.AcademicSession.AcademicAward.AcademicSummary.Academic Honors



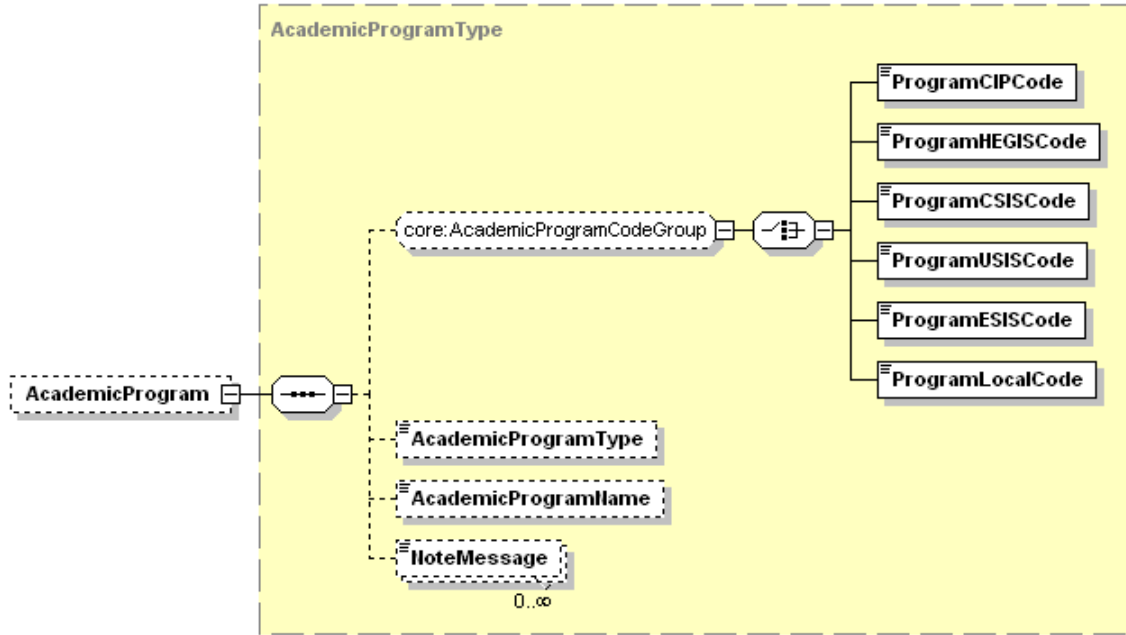
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|---|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| HonorsLevel | Optional | A code value representing 1st highest honor, 2nd highest and 3rd highest. | Recommended | minOcc 0 maxOcc 1 Enumeration: FirstHighest SecondHighest ThirdHighest |
| NoteMessage | Optional Repeatable | Additional information about the Academic Honors | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: This would be the appropriate place to include any academic honors awarded with the diploma that is included in this session.</p> | | | | |

Code Example:

```

<AcademicHonors>
  <HonorsTitle>Cum Laude</HonorsTitle>
  <HonorsLevel>ThirdHighest</HonorsLevel>
  <NoteMessage/>
</AcademicHonors>
  
```

Student.AcademicRecord.AcademicSession.AcademicAward.AcademicSummary.Academic Program



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------------|--|-----------------|--|
| ProgramCIPCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Classification of Instructional Programs | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramHEGISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Higher Education General Information Survey | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramCSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Statistics Canada Canadian College Student Information System | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramUSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada University Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramESISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada Enhanced Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| ProgramLocalCode | Optional exclusive choice | Proprietary code used by the School to describe its program. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| Comment: None of the above six choices are appropriate for describing academic programs at US High Schools. | | | | |
| AcademicProgramType | Optional | Indicates whether the academic program is a major, minor, area of concentration or specialization. | Optional | minOcc 0 maxOcc 1 Enumeration: Concentration Major Minor Specialization |
| AcademicProgramName | Optional | Literal name of program, major, or field of study. | Recommended | minOcc 0 maxOcc 1 minLen 1 |

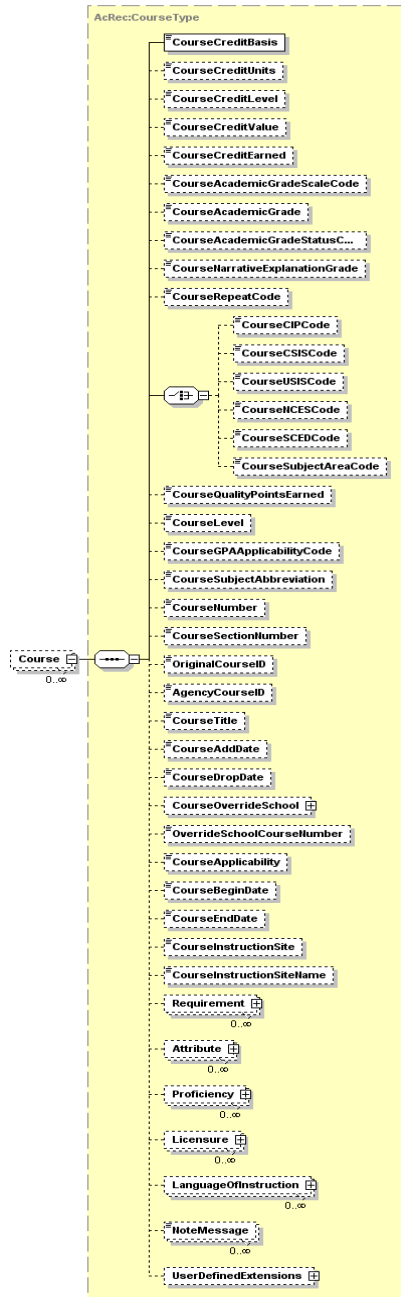
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|---|
| | | | | maxLen 60 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Program | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: This entire portion of the schema related to a student's academic program is not normally included on a test score report. | | | | |

Code Example:

```

<AcademicProgram>
  <ProgramCIPCode/>
  <AcademicProgramType>Major</AcademicProgramType>
  <AcademicProgramName>General Transfer Track</AcademicProgramName>
  <NoteMessage/>
</AcademicProgram>
    
```

Student.AcademicRecord.AcademicSession.Course



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|---|
| CourseCreditBasis | Required | The type of enrollment associated with the credit hours for the course. | Required | minOcc 1 maxOcc 1 Enumeration: Regular AcademicRenewal AdvancedPlacement AdvancedStanding ContinuingEducation Exemption Equivalence InternationalBaccalaureate Military Remedial CreditByExam HighSchoolTransferCredit HighSchoolCreditOnly HighSchoolDualCredit JuniorHighSchoolCredit |
| CourseCreditUnits | 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 |
| CourseCreditLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessional |
| Comment: These values are not appropriate for the test score report and should not be used. | | | | |
| CourseCreditValue | Optional | Number indicating the credit hours that may be earned in the course. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: For example, if the course is worth 1 Carnegie Unit, and if the student withdrew from the course, but the course still appears on the test score report, then the value of this field is "1". Since it is a decimal field, it could also have a value of "1.0" or "1.00". | | | | |
| CourseCreditEarned | Optional | The number of credits a student earned by the successful completion of a course. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: For example, if the course is worth 1 Carnegie Unit, and if the student passed the courset, then the value of this field is "1". Since it is a decimal field, it could also have a value of "1.0" or "1.00". | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|-----------------|--|-----------------|--|
| CourseAcademicGradeScaleCode | Optional | The grading scale used by an academic educational institution for an academic course. | Recommended | minOcc 0 maxOcc 1 See Appendix D |
| Comment: Grade scale is based on the American Medical Colleges Admissions Services (AMCAS) grade scale, values 01 through 99. See Appendix D for a complete list of code values. | | | | |
| CourseAcademicGrade | Optional | The final grade awarded for participation in the course. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| CourseAcademicGradeStatusCode | Optional | Special enrollment or completion status of this course | Recommended | minOcc 0 maxOcc 1 Enumeration: AuditedCourse HonorsGrade Incomplete IncompleteNotResolvedFail InProgress NotYetReported OtherFailGrade OtherPassGrade PassFailFail PassFailPass TransferNoGrade Withdraw WithdrawFailing WithdrawNoPenalty WithdrawPassing |
| Comment: For crosswalk purposes from and to the ANSI ASC X12 EDI transaction grade scale codes, the equivalents are 500 – InProgress; 501 – PassFailPass; 502 – PassFailFail; 503 – CreditByExam; 504 – TransferNoGrade; 505 – Incomplete; 506 – WithdrawNoPenalty; 507 – WithdrawPassing; 509 – WithdrawFailing; 510 – HonorsGrade; 511 – AuditedCourse; 512 – Exempted; 513 – NotYetReported; 514 – IncompleteNotResolvedFail; 530 – OtherPassGrade; 531 – OtherFailGrade. | | | | |
| CourseNarrativeExplanationGrade | Optional | The narrative of the grade awarded to a student in an academic course in those cases where a course does not receive a letter or numeric grade included in the grading scale of the Course Academic Grade Qualifier. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 200 |
| CourseRepeatCode | Optional | Indicates that an academic course has been repeated by a student and how that repeat is to be computed in the student's academic grade average. | Recommended | minOcc 0 maxOcc 1 Enumeration: RepeatCounted RepeatNotCounted ReplacementCounted ReplacedNotCounted RepeatOtherInstitution NotCountedOther |
| Comment: If the sending high school has no policy on how to treat repeated courses, then this data element can be ignored by the sending high school. Likewise, if the receiving school has no policy or has a policy to ignore repeat calculations, then it can also be ignored. But if the sending school has such a policy, then this is the place to indicate that policy. For example, if the student previously took the same course, received a failing grade and has now completed this course with a passing grade, then the appropriate value might be "ReplacementCounted". Likewise, if this is the first attempt of the course, then this value might be "RepeatNotCounted". | | | | |
| CourseCIPCode | Optional Choice | The Classification of Instructional Programs (CIP) code to describe the area of study for the course. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------|-----------------|--|--------------------|--|
| CourseCSISCode | Optional Choice | The Statistics Canada Canadian College Student Information System (CCSIS) code to describe the area of study for the course. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| CourseUSISCode | Optional Choice | The Statistics Canada University Student Information System (USIS) code to describe the area of study for the course. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| CourseNCESCode | Optional Choice | The code set developed (or being developed by the United States Department of Education's National Center for Education Statistics) | Optional (use one) | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| CourseSCEDCode | Optional Choice | The School Codes for the Exchange of Data (SCED) code set being developed for the United States Department of Education's National Center for Education Statistics to describe the content and level of a course | Optional (use one) | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |

Comment: This is structured as follows:

Digits 1, 2: This is the major subject area of course content in the high school course. Its breakdown is shown as the next data element (CourseSubjectAreaCode) which follows.

Digits 3-5: A further breakdown of the course content in the high school course.

Digit 6: Course Level (B for basic or remedial; G for general or regular; E for enriched or advanced, and H for honors.

Digits 7-10: Available Credit. For example, a course offered as a 1 Carnegie Unit course would indicate 1.00

Digits 11-12: Sequence of Courses. For example, 34 would be used to indicate this is the third course in a 4 course sequence.

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------------|---|--|--------------------|---|
| CourseSubjectAreaCode | Optional Choice | This set of code values is derived from the first two digits of the CourseSCEDCode above. | Optional (use one) | minOcc 0 maxOcc 1 Enumeration: EnglishLanguageLiterature Mathematics LifePhysicalSciences SocialSciencesHistory FinePerformingArts ForeignLanguageLiterature ReligiousEducationTheology PhysicalHealthSafetyEducation MilitaryScience ComputerInformationSciences CommunicationsAudioVisualTechnology BusinessMarketing Manufacturing HealthCareSciences PublicProtectiveGovernmentService HospitalityTourism ArchitectureConstruction AgricultureFoodNaturalResources HumanServices TransportationDistributionLogistics EngineeringTechnology Miscellaneous SpecialExceptionalEducationServices |
| | Comment: This is a code set that is based on the first two digits of the Course SCED Code above. The SCED Code is maintained by the US Department of Education's National Center for Education Statistics (NCES). If it is updated in the future, then PESC will keep this code set in synch with the first two digits of the SCED Code. | | | |
| CourseQualityPointsEarned | Optional | The numerical value assigned to a letter grade to provide a basis of quantitative determination of an average. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | Comment: For example, if the student earned a grade of B in the course, and if the grade of B is worth 3 grade points, and if this course was worth 1 Carnegie Unit, then the value of this data element is "3". Likewise, for a course that is worth 0.5 Carnegie Units, a grade of B would be worth "1.5" CourseQualityPointsEarned. | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|--|-----------------|---|
| CourseLevel | Optional | The level of work demonstrated by successful completion of the academic course being described | Recommended | minOcc 0 maxOcc 1 Enumeration: Accelerated AdultBasic AdvancedPlacement Basic InternationalBaccalaureate CollegeLevel CollegePreparatory GiftedTalented Honors NonAcademic Remedial SpecialEducation TechnicalPreparatory Vocational |
| CourseGPAApplicabilityCode | Optional | An indicator of whether or not this course being described is included in the computation of the student's Grade Point Average, and if so, if it weighted differently from regular courses. | Recommended | minOcc 0 maxOcc 1 Enumeration: Applicable NotApplicable Weighted |
| CourseSubjectAbbreviation | Optional | The alphabetic abbreviation of the academic department or discipline offering the course. It is one part of the total course identifier number. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| Comment: As with all recommended data elements, if the sending school does not use alphabetic abbreviations as part of the course numbering system, then this data element would not exist and would not be included. | | | | |
| CourseNumber | Optional | The official reference number portion of a course identifier. This number frequently designates the level of the course as well as the level of the student expected to enroll in the course | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 15 |
| CourseSectionNumber | Optional | The number assigned to differentiate among distinct occurrences of courses that have the same course abbreviation and number but are considered to be different courses. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| Comment: If course section number is used, it should probably be further explained in a note. If it only means, for example, that the course was taught at 9 am instead of 8 am, then it should probably not be included. | | | | |
| OriginalCourseID | Optional | The course ID as it was listed when the credit was earned (e.g. before a system conversion) to show consistency between present test score reports and older ones. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| AgencyCourseID | Optional | The course ID that might have been assigned to this course by the state or other agency | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|--|-----------------|--|
| CourseTitle | Optional | The name or title of the course taken by a student at an academic institution. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 60 |
| CourseAddDate | Optional | The date a student was added to an academic course at a school. | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: Most high schools would not have this date readily available in the school's database. It would be of questionable value to the receiving postsecondary institution. The format of date is ccy-mm-dd. | | | | |
| CourseDropDate | Optional | The date on which the student drops or withdraws from the course. | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: If this date is readily available, it might be of some value to the receiving postsecondary institution. However, most postsecondary institutions would probably ignore this field. | | | | |
| CourseOverrideSchool | Optional | The school where the credit was earned if different from the Academic Session School | Conditional | minOcc 0 maxOcc 1 |
| Comment: This might be used when a full time student at one school is also taking one course at another high school, community college or university during the session by some sort of prior institutional agreement. | | | | |
| OverrideSchoolCourseNumber | Optional | The course ID as it was listed at the school where the credit was earned | Conditional | minOcc 0 maxOcc 1 minLen 1 maxLen 35 |
| Comment: CourseOverrideSchool and OverrideSchoolCourseNumber are normally used for situations like consortiums, concurrent enrollment or transfer courses, although transfer work is recommended to be reported in a separate session with an override school. | | | | |
| CourseApplicability | Optional | The academic program to which this academic course applies toward graduation. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: NotApplicable FirstProgram SecondProgram BothPrograms |
| CourseBeginDate | Optional | The official begin date for this course | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: The format of date is ccy-mm-dd. | | | | |
| CourseEndDate | Optional | The official end date for this course | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: CourseBeginDate and CourseEndDate are recommended when the dates differ from the session begin and end dates. The format for date is ccy-mm-dd. | | | | |
| CourseInstructionSite | Optional | An indication of the type of location at which the course is taught. | Optional | minOcc 0 maxOcc 1 Enumeration: OnCampus OffCampus Extension StudyAbroad Correctional Military Telecommunication Auxiliary ClinicHospital |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|---|
| CourseInstructionSiteName | Optional | The name of the location at which the course is taught. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| Requirement | Optional Repeatable | Curriculum requirements satisfied by successful completion of this course | Optional | minOcc 0 maxOcc ∞ |
| Attribute | Optional Repeatable | Attributes of this course which may require special handling by the receiving institution | Optional | minOcc 0 maxOcc ∞ |
| Proficiency | Optional Repeatable | Proficiency level signified by successful completion of this course | Optional | minOcc 0 maxOcc ∞ |
| Licensure | Optional Repeatable | Licensure requirements satisfied by successful completion of this course | Optional | minOcc 0 maxOcc ∞ |
| LanguageOfInstruction | Optional Repeatable | Language associated with one or more aspects of the course | Optional | minOcc 0 maxOcc ∞ |
| Comment: This optional data element would not be sent if the language is English and the sending school is in the United States. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the course | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| UserDefinedExtensions | Optional | Additional structured information. Requires mutually defined XML schema. | Optional | minOcc 0 maxOcc 1 |
| Comment: This is the appropriate place in the instance document to include courses taken at the sending school. It is also the appropriate place to include courses taken at another school if sufficient information is available to include data about the session at the other school. | | | | |

Code Example:

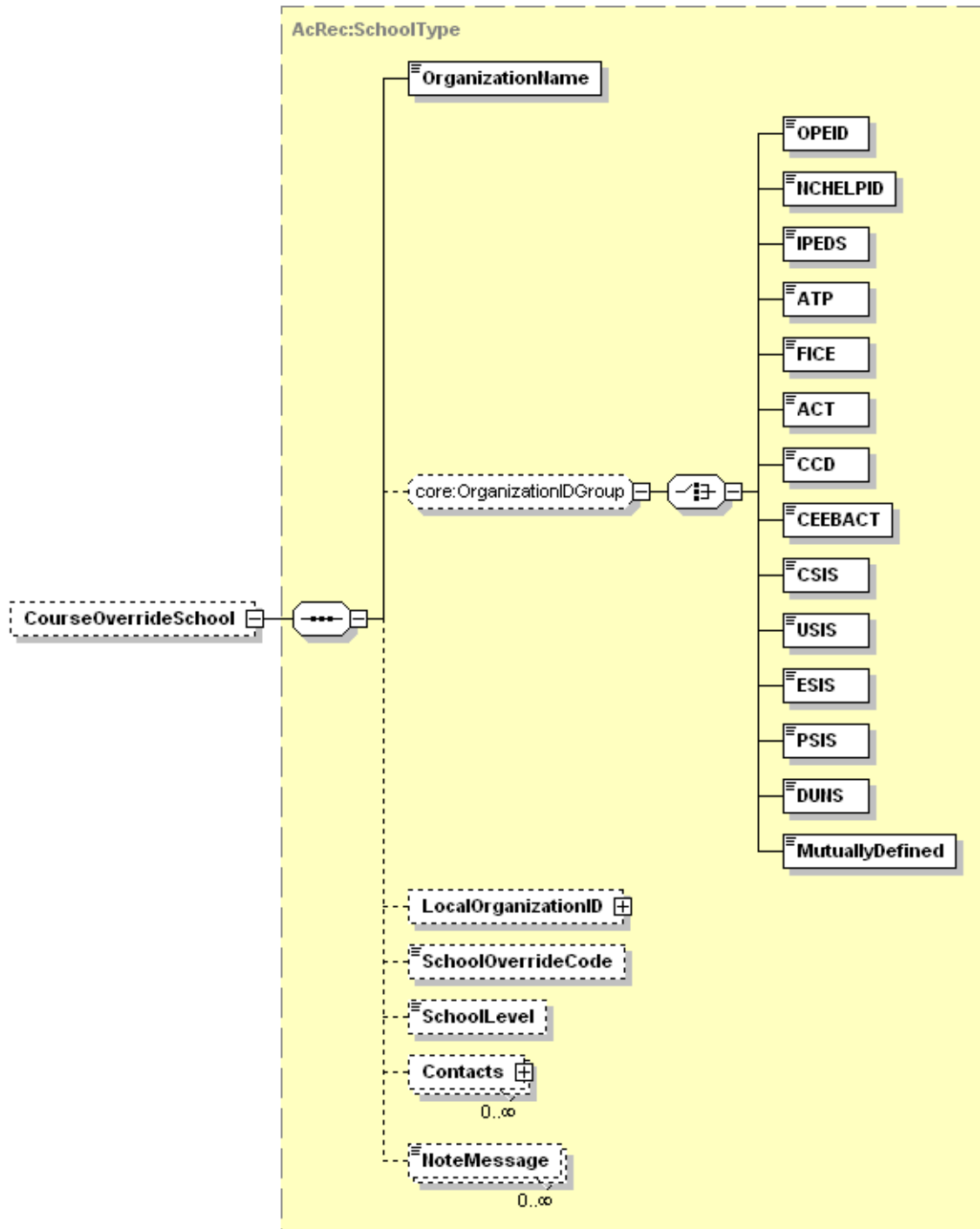
```

<Course>
  <CourseCreditBasis>Regular</CourseCreditBasis>
  <CourseCreditUnits>CarnegieUnits </CourseCreditUnits>
  <CourseCreditLevel/>
  <CourseCreditValue>1</CourseCreditValue>
  <CourseCreditEarned>1</CourseCreditEarned>
  <CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
  <CourseAcademicGrade>A</CourseAcademicGrade>
  <CourseNarrativeExplanationGrade/>
  <CourseRepeatCode>RepeatCounted</CourseRepeatCode>
  <CourseSCEDCode>04151H1.0011</CourseSCEDCode>
  <CourseSubjectAreaCode>SocialSciencesHistory</CourseSubjectAreaCode>
  <CourseQualityPointsEarned>4</CourseQualityPointsEarned>
  <CourseLevel>CollegePreparatory</CourseLevel>
  <CourseSubjectAbbreviation>HIS</CourseSubjectAbbreviation>
  <CourseNumber>201</CourseNumber>
  <CourseSectionNumber/>
  <OriginalCourseID>HIST201</OriginalCourseID>
  <AgencyCourseID>HIS020201</AgencyCourseID>
  <CourseTitle>United States History 1</CourseTitle>
  <CourseAddDate>2005-09-01</CourseAddDate>
  <CourseDropDate/>

```

```
<CourseOverrideSchool>
  SubElement omitted to save space
</CourseOverrideSchool>
<OverrideSchoolCourseNumber/>
<CourseApplicability/>
<CourseBeginDate>2005-09-01</CourseBeginDate>
<CourseEndDate>2005-12-07</CourseEndDate>
<CourseInstructionSite>OnCampus</CourseInstructionSite>
<CourseInstructionSiteName/>
<Requirement>
  SubElement omitted to save space
</Requirement>
<Attribute>
  SubElement omitted to save space
</Attribute>
<Proficiency>
  SubElement omitted to save space
</Proficiency>
<Licensure>
  SubElement omitted to save space
</Licensure>
<LanguageOfInstruction>
  SubElement omitted to save space
</LanguageOfInstruction>
<NoteMessage/>
<UserDefinedExtensions/>
</Course>
```

Student.AcademicRecord.AcademicSession.Course.CourseOverrideSchool



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|-----------------|---|-----------------------|--|
| OrganizationName | Required | Name of override school | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 60 |
| OPEID | Optional choice | The unique identifier assigned by the Office of Postsecondary Education for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| Comment: The OPEID would only be appropriate if the course were taken at a postsecondary institution. | | | | |
| NCHLPID | 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 minLen 3 maxLen 8 |
| Comment: The NCHLPID is not an appropriate code to describe a school that offers academic courses. | | | | |
| IPEDS | Optional choice | The unique identifier assigned by the National Center for Education Statistics for the Integrated Postsecondary Education Data System for each postsecondary data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The IPEDS code set is not appropriate for indicating a high school that offers an academic course. However, if this override school is a postsecondary institution, then this is an appropriate choice. | | | | |
| ATP | Optional choice | The unique identifier assigned for the Admissions Testing Program by the College Board for each postsecondary data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The ATP code set is not appropriate for indicating a high school that offers an academic course, but if this override school is a postsecondary institution, then this is an appropriate choice. | | | | |
| FICE | Optional choice | The unique identifier assigned for the Federal Interagency Committee on Education by the US Department of Education's National Center for Education Statistics for each postsecondary data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The FICE code set is not appropriate for indicating a high school that offers an academic course, but if this override school is a postsecondary institution, then this is an appropriate choice. | | | | |
| ACT | Optional choice | The unique identifier assigned by the American College Testing or ACT for each postsecondary data exchange partner. See www.act.org. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 4 maxLen 4 |
| Comment: The ACT code set is not appropriate for indicating a high school that offers an academic course, but if this override school is a postsecondary institution, then this is an appropriate choice. | | | | |
| CCD | Optional choice | The unique identifier assigned by the US Department of Education's National Center for Education Statistics as the Common Core of Data for each K12 data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |
| CEEBACT | Optional choice | The unique identifier assigned by the College Entrance Examining Board and ACT for each K12 data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The CEEBACT code set is arguably the most common code for indicating a high school that offers academic courses. | | | | |

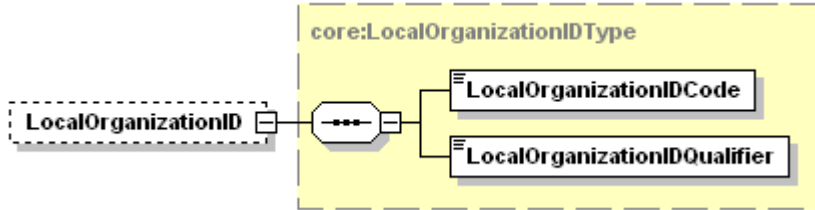
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|--|-----------------------|--|
| CSIS | Optional choice | The unique identifier assigned by the Statistics Canada Canadian College Student Information System for each data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| USIS | Optional choice | The unique identifier assigned by the Statistics Canada University Student Information System for each data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| ESIS | Optional choice | The unique identifier assigned by the Statistics Canada Enhanced Student Information System for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 8 maxLen 8 |
| PSIS | Optional choice | A seven digit Canadian code that identifies primary and secondary educational institutions | Not Recommended | minOcc 0 maxLen 1 minLen 7 maxLen 7 |
| Comment: This may be used if the code is not available in one of the other code sets such as CEEB. | | | | |
| 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 minLen 9 maxLen 9 |
| Comment: The DUNS code would not normally be an appropriate code set to use to indicate an academic institution that offered an academic course. | | | | |
| Comment: Although it is not necessary to send one of the above 12 codes, if you choose to do so, then choose one of the noted appropriate codes. | | | | |
| LocalOrganizationID | Optional | A code set typically used by a state, province or region to further identify the school whose record is being sent | Optional | minOcc 0 maxOcc 1 |
| SchoolOverrideCode | Optional | The source of the academic credit if not awarded by the home or parent institution. <i>Institutional</i> - Institutional Agreement <i>Multicampus</i> - Multiple Campus <i>Course Offering</i> <i>Transfer</i> - Transfer Credit <i>StudyAbroad</i> - Study Abroad <i>Coop</i> - Cooperative Program <i>Reciprocal</i> - Reciprocal Exchange <i>Internship</i> - Internship | Recommended | minOcc 0 maxOcc 1 Enumeration: Institutional Multicampus Transfer StudyAbroad Coop Reciprocal Internship |
| SchoolLevel | Optional | Indicates level of Override School | Recommended | minOcc 0 maxOcc 1 Enumeration: Elementary Secondary Postsecondary |
| Contacts | Optional Repeatable | Contact info at Override School | Optional | minOcc 0 maxOcc ∞ |
| Comment: The sending school would not normally have any information about contacts at the override school so this would not normally be included with the Test score report. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the Override School | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<School>
  <OrganizationName>Miami Dade School District; Miami Senior High School</OrganizationName>
  <CEEBACT>101075</CEEBACT>
  <LocalOrganizationID>
    SubElement omitted to save space
  </LocalOrganizationID>
  <SchoolOverrideCode>Reciprocal</SchoolOverrideCode>
  <SchoolLevel>Secondary</SchoolLevel>
  <Contacts>
    SubElement omitted to save space
  </Contacts>
  <Note/Message/>
</School>
```

Student.AcademicRecord.AcademicSession.Course.CourseOverrideSchool.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.



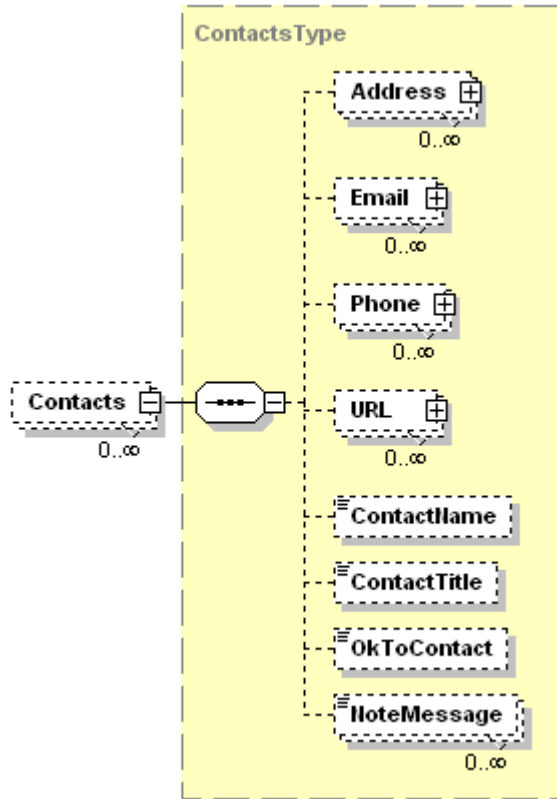
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|--|-----------------|---|
| LocalOrganizationIDCode | Required | The code assigned for the receiving school by the state, province or other mutually defined agency specified in the LocalOrganizationIDQualifier that follows.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

Code Example:

```

<LocalOrganizationID>
  <LocalOrganizationIDCode>340005501</LocalOrganizationIDCode>
  <LocalOrganizationIDQualifier>FL</LocalOrganizationIDQualifier>
</LocalOrganizationID>
    
```

Student.AcademicRecord.AcademicSession.Course.CourseOverrideSchool.Contacts



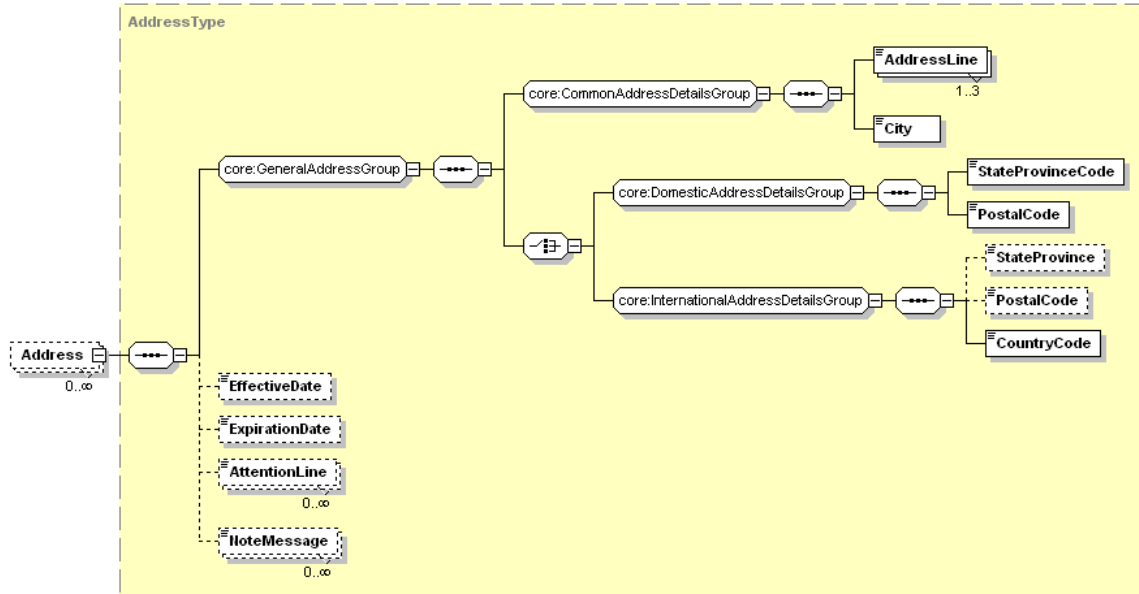
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|---|-----------------|---|
| Address | Optional Repeatable | Address of the Override School | Recommended | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email Address of the Override School | Optional | minOcc 0 maxOcc ∞ |
| Phone | Optional Repeatable | Phone Number of the Override School | Optional | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email Address of the Override School | Optional | minOcc 0 maxOcc ∞ |
| URL | Optional Repeatable | Universal Resouce Locator of the Override School | Optional | minOcc 0 maxOcc ∞ |
| ContactName | Optional Repeatable | Name of the contact at the Override School | Optional | minOcc 0 maxOcc ∞ |
| ContactTitle | Optional Repeatable | Job title or position of the contact at the Override School | Optional | minOcc 0 maxOcc ∞ |
| OkToContact | Optional Repeatable | Indicates if the contact person at the Override school may be contacted for additional information. | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the contacts at the Override School | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```
<Contacts>
  <Address>
    SubElement omitted to save space
  </Address>
  <Email>
    SubElement omitted to save space
  </Email>
  <Phone>
    SubElement omitted to save space
  </Phone>
  <URL>
    SubElement omitted to save space
  </URL>
  <ContactName>Rose Reinhardt</ContactName>
  <ContactTitle>Director Admissions</ContactTitle>
  <OkToContact>Yes</OKToContact>
  <NoteMessage/>
</Contacts>
```

Student.AcademicRecord.AcademicSession.Course.CourseOverrideSchool.Contacts.Addresses

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



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

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

Code Example 1 (Domestic Address):

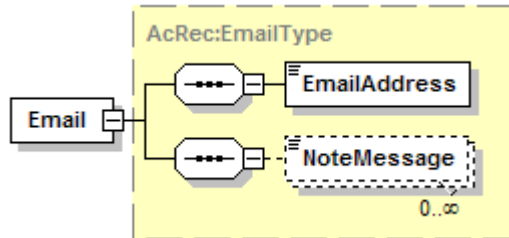
```
<Address>
  <AddressLine>1715 W Cesar Chavez</AddressLine>
  <City>Austin</City>
  <StateProvinceCode>TX</StateProvinceCode>
  <PostalCode>78703</PostalCode>
  <AttentionLine>Jane Doe</AttentionLine>
    <AttentionLine>GuidanceCounselor</AttentionLine>
  <NoteMessage/>
</Address>
```

Code Example 2 (International Address):

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


Student.AcademicRecord.AcademicSession.Course.CourseOverrideSchool.Contacts.Email

Note: Although the complex data element Email is an optional data element, if you choose to send the Email of the Override School, then you must send the 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 minLen 1 maxLen 128 |
| NoteMessage | Optional Repeatable | Additional information about the email address | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

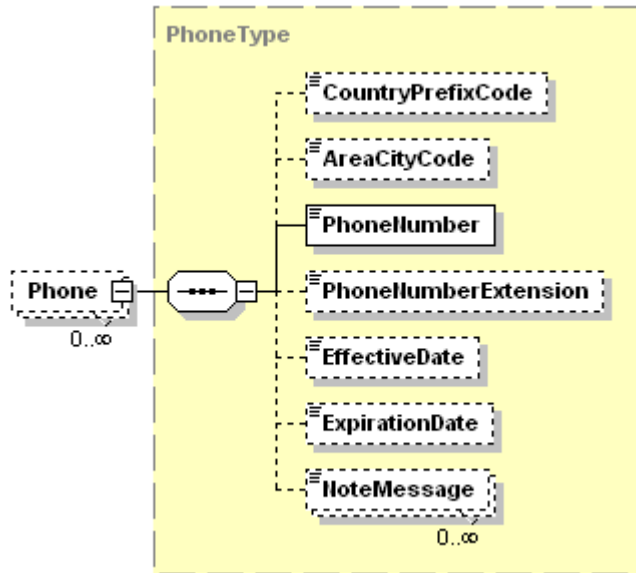
Comment: This is the Email of the Course Override School.

Code Example:

```
<Email>
  <EmailAddress>registrar@newtrier.k12.il.us</EmailAddress>
  <NoteMessage/>
</Email>
```

Student.AcademicRecord.AcademicSession.Course.CourseOverrideSchool.Contacts.Phone

Note: Although the complex data element Phone is an optional data element, if you choose to send the Phone of the Override School, then you must send the phone number.



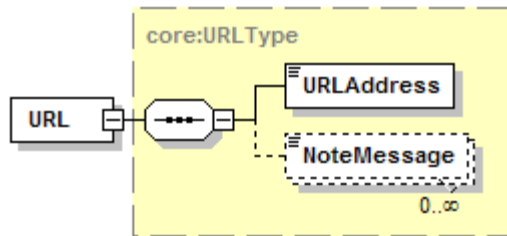
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|--|-----------------|--|
| CountryPrefixCode | Optional | International dialing code. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 3 |
| AreaCityCode | Optional | Regional dialing code. | Recommended | minOcc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

Code Example:

```
<Phone>  
  <CountryPrefixCode/>  
  <AreaCityCode>512</AreaCityCode>  
  <PhoneNumber>4757638</PhoneNumber>  
  <PhoneNumberExtension/>  
  <NoteMessage/>  
</Phone>
```

Student.AcademicRecord.AcademicSession.Course.CourseOverrideSchool.Contacts.URL

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



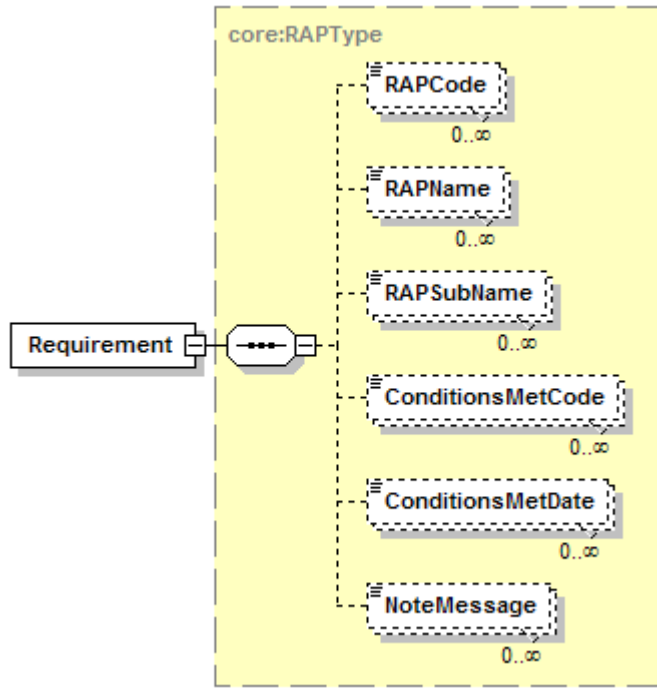
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|---------------------|---|-----------------|--|
| URLAddress | Required | The Uniform Resource Locator (URL) address associated with a product, deliverable or contact. | Required | minOcc 1 maxOcc 1 minLen 0 maxLen 512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

Comment: This is the URL of the Course Override School.

Code Example:

```
<URL>
  <URLAddress>http://nths.newtrier.k12.il.us</URLAddress>
  <NoteMessage/>
</URL>
```

Student.AcademicRecord.AcademicSession.Course.Requirement



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|--|
| RAPCode | Optional Repeatable | Requirement demonstrated or earned in addition to or as part of an academic award. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 3 |
| <p>Comment: If this data element is to be used effectively, a code set should be created by a state or region. An example is given below in the Code Example. If not, then User Defined Extensions would be an alternate method of including this information.</p> | | | | |
| RAPName | Optional Repeatable | Literal name of requirement | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| RAPSubName | Optional Repeatable | Literal name of subsection of requirement | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| ConditionsMetCode | Optional Repeatable | Indicates whether and how conditions for the requirement have been attained. | Recommended | minOcc 0 maxOcc ∞ Enumeration: Yes No Conditional MutuallyDefined |
| ConditionsMetDate | Optional Repeatable | Date requirement was met. | Optional | minOcc 0 maxOcc ∞ xs:date |
| <p>Comment: The format of date is ccyy-mm-dd.</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information about the requirement | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: For example, the Requirement part of the course could be used to indicate that completion of this course satisfies a computer literacy requirement for graduation or a Community Service requirement. It could also be use to indicate that this course meets a requirement for admission to the state university system.</p> | | | | |

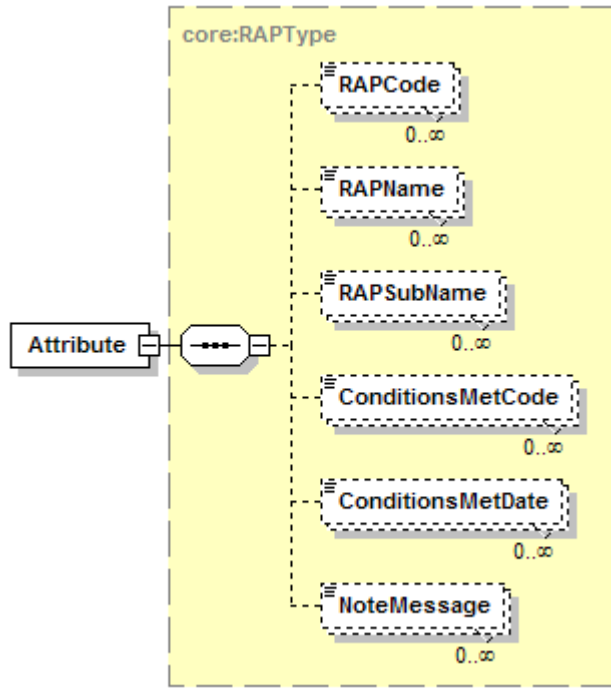
Code Example:

```

<Requirement>
  <RAPCode>9TX</RAPCode>
  <RAPName>TXDegReq</RAPName>
  <RAPSubName>UT Austin Writing Component</RAPSubName>
  <ConditionsMetCode>Yes</ConditionsMetCode>
  <ConditionsMetDate>2002-08-13</ConditionsMetDate>
  <NoteMessage/>
</Requirement>

```

Student.AcademicRecord.AcademicSession.Course.Attribute



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|--|
| RAPCode | Optional Repeatable | Attribute demonstrated or earned in addition to academic award. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 3 |
| Comment: If this data element is to be used effectively, a code set should be created by a state or region. An example is given below in the Code Example. If not, then User Defined Extensions would be an alternate method of including this information. | | | | |
| RAPName | Optional Repeatable | Literal name of attribute | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| RAPSubName | Optional Repeatable | Literal name of subsection of attribute | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| ConditionsMetCode | Optional Repeatable | Indicates whether and how conditions for certification have been attained. | Recommended | minOcc 0 maxOcc ∞ Enumeration: Yes No Conditional MutuallyDefined |
| ConditionsMetDate | Optional Repeatable | Date of meeting the attribute | Optional | minOcc 0 maxOcc ∞ |
| Comment: The format for date is ccyy-mm-dd. | | | | |

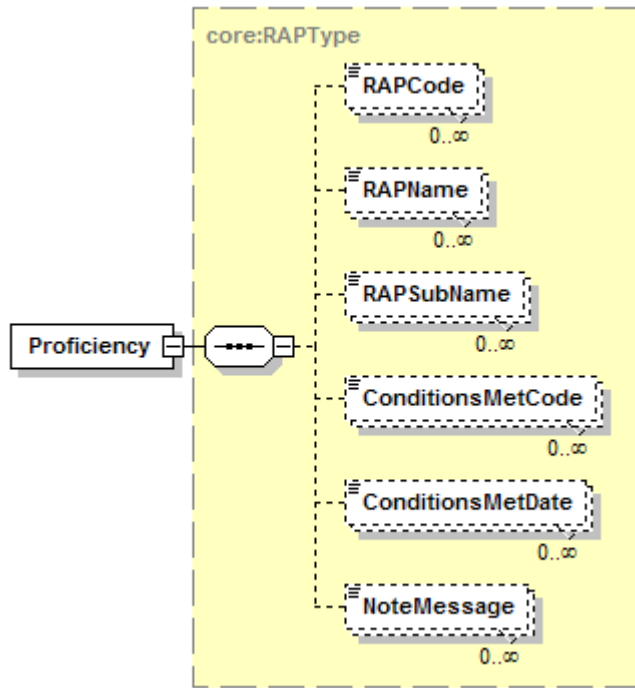
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information about the attribute | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: For example, the Attribute part of the course could be used to indicate that the course was taught by a university professor, or it was taught in a hands-on computer lab, etc. It would normally only have significant meaning when used by all participating schools within a state or region.</p> | | | | |

Code Example:

```

<Attribute>
  <RAPCode>9TX</RAPCode>
  <RAPName>TXCORECURR</RAPName>
  <RAPSubName>020Mathematics (I)</RAPSubName>
  <ConditionsMetCode>Yes</ConditionsMetCode>
  <ConditionsMetDate>1997-03-01</ConditionsMetDate>
  <NoteMessage/>
</Attribute>
    
```


Student.AcademicRecord.AcademicSession.Course.Proficiency



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|--|
| RAPCode | Optional Repeatable | Proficiency demonstrated or earned in addition to academic award. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 3 |
| Comment: If this data element is to be used effectively, a code set should be created by a state or region. An example is given below in the Code Example. If not, then User Defined Extensions would be an alternate method of including this information. | | | | |
| RAPName | Optional Repeatable | Literal name of proficiency | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| RAPSubName | Optional Repeatable | Literal name of subsection of proficiency | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| ConditionsMetCode | Optional Repeatable | Indicates whether and how conditions for certification have been attained. | Recommended | minOcc 0 maxOcc ∞ Enumeration: Yes No Conditional MutuallyDefined |
| ConditionsMetDate | Optional Repeatable | Date of proficiency | Optional | minOcc 0 maxOcc ∞ xs:date |
| Comment: The format for date is ccyy-mm-dd. | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information about the proficiency | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: For example, the Proficiency part of the course could be used to indicate successful completion of this course demonstrates a school graduation requirement for computer competency or English proficiency. | | | | |

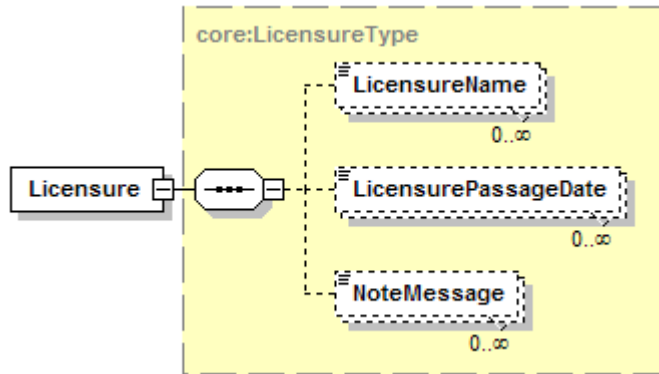
Code Example:

```

<Proficiency>
  <RAPCode>9TX</RAPCode>
  <RAPName>Computer Literacy Proficiency</RAPName>
  <RAPSubName>CSPROF - ComputerSkillsProficiency</RAPSubName>
  <ConditionsMetCode>Yes</ConditionsMetCode>
  <ConditionsMetDate>2004-10-23</ConditionsMetDate>
  <NoteMessage>Students learn MS Word, PPT and Web Search in this course.</NoteMessage>
</Proficiency>

```

Student.AcademicRecord.AcademicSession.Course.Licensure



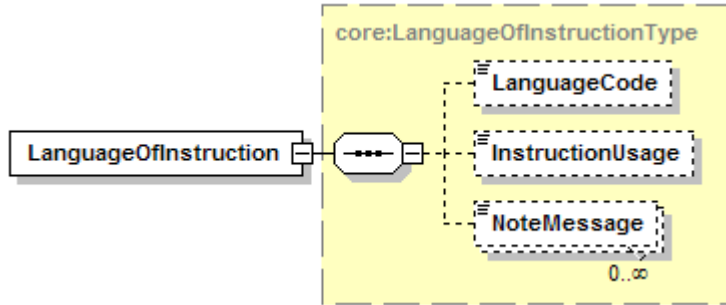
| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|--|---|-----------------|---|
| LicensureName | Optional Repeatable | Free-form name of license or certification. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| LicensurePassageDate | Optional Repeatable | Date of licensure passage | Optional | minOcc 0 maxOcc ∞ xs:date |
| | Comment: The format for date is ccyy-mm-dd. | | | |
| NoteMessage | Optional Repeatable | Additional information about the licensure | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<Licensure>
  <LicensureName>Occupational Therapy Assistant</LicensureName>
  <LicensurePassageDate>2004-05-20</LicensurePassageDate>
  <NoteMessage/>
</Licensure>
  
```

Student.AcademicRecord.AcademicSession.Course.LanguageOfInstruction



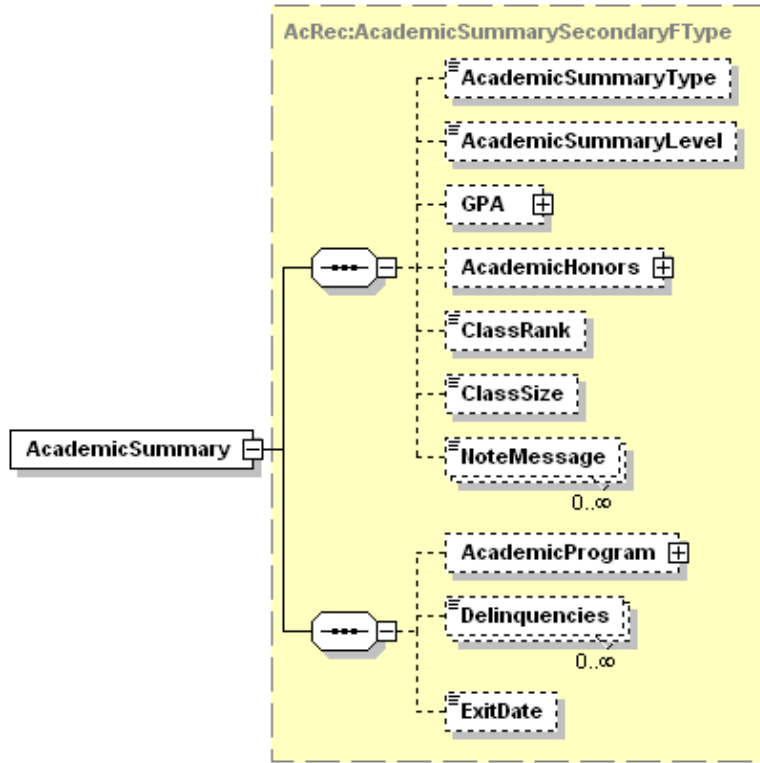
| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------|---------------------|---|-----------------|--|
| LanguageCode | Optional | Code indicating the language being used, using ISO 639-2 code (Alpha-3) set. These codes are available at http://www.loc.gov/standards/iso639-2/ | Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 3 |
| InstructionUsage | Optional | The use of the language in the context of instruction. <i>Instruction</i> - Language of Instruction <i>Examination</i> - Language of Examination <i>WrittenExam</i> - Language in which Examination is written | Recommended | minOcc 0 maxOcc 1 Enumeration: Instruction Examination WrittenExam |
| NoteMessage | Optional Repeatable | Additional information about the language of instruction | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Comment: This is an optional data element. If it is not included, it is assumed the language of instruction was English if the high school sending the record is in the United States.

Code Example:

```
<LanguageOfInstruction>
  <LanguageCode>fre</LanguageCode>
  <InstructionUsage>Instruction</InstructionUsage>
  <NoteMessage/>
</LanguageOfInstruction>
```

Student.AcademicRecord.AcademicSession.AcademicSummary



| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------|------------|--|-----------------|---|
| AcademicSummaryType | Optional | Summary Type is an indication of what is being summarized over what period of time See Appendix C for the the description of the enumerated list items. | Recommended | minOcc 0 maxOcc 1 Enumeration: All SenderOnly TransferOnly AllNotRepeated SenderNotRepeated TransferNotRepeated AcademicRenewal CarryoverCredit DegreeApplicable NonDegreeApplicable ConvertedFrom ConvertedTo UserDefined Weighted NonWeighted |
| AcademicSummaryLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessional |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|--|
| Comment: These enumerated values are not appropriate for the test score report. | | | | |
| GPA | Optional | GPA for this academic summary | Recommended | minOcc 0 maxOcc 1 |
| AcademicHonors | Optional | Honors associated with this academic summary | Optional | minOcc 0 maxOcc 1 |
| Comment: This would typically be where honors awarded during or at the end of a session, like Honor Roll, are included. | | | | |
| ClassRank | Optional | The student's class rank relative to other students in their academic cohort (e.g. class). | Not Recommended | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| Comment: The Workgroup that developed this PESC XML Test score report Schema recommends that this is not the most appropriate place for inclusion of the student's overall rank in class. If it is included in the Schema, it is recommended that a more appropriate place be under Student.AcademicRecord.AcademicSummary. The student ranking the highest in the class would have a rank of "1". | | | | |
| ClassSize | Optional | The numeric size of the academic cohort (e.g. class). | Not Recommended | minOcc 0 maxOcc 1 minInclusive 1 maxInclusive 9999 totalDigits 4 |
| Comment: If there were 753 students in the student's class and if they were ranked by the high school, then this value would be "753". | | | | |
| NoteMessage | Optional Repeatable | Additional information about the academic summary | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: If the class rank and class size are included in the test score report, then this note message could be used to indicate the cohort and/or date of the ranking. | | | | |
| AcademicProgram | Optional | Academic program (major) associated with this academic summary | Optional | minOcc 0 maxOcc 1 |
| Comment: Information about the high school academic program is not normally included on a test score report. | | | | |
| Delinquencies | Optional Repeatable | The academic standing of the student at the end of this session. <i>GoodStanding</i> - Student was in good standing <i>ProbationGPA</i> - Student was on academic probation (because of low GPA) <i>ProbationHours</i> - Student was on academic probation (deficiency in credit hours) <i>SuspensionGPA</i> - Student was on academic suspension (because of low GPA) <i>SuspensionHours</i> - Student was on academic suspension (deficiency in credit hours) <i>ProbationDiscipline</i> - Student was on disciplinary probation. Not recommended to be included on the test score report <i>SuspensionDiscipline</i> - Student was on disciplinary suspension. Not recommended to be included on the test score report <i>Unknown</i> <i>Other</i> | Optional | minOcc 0 maxOcc ∞ Enumeration: GoodStanding ProbationGPA ProbationHours SuspensionGPA SuspensionHours ProbationDiscipline SuspensionDiscipline Unknown Other |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------|---|-----------------|----------------------|
| ExitDate | Optional | The date on which the student officially withdrew or graduated. | Optional | minOcc 0 maxOcc 1 |
| <p>Comment: This date would typically be the date of graduation for students who did graduate this session. If the student did not graduate, it would be the last date of known attendance. The date format is ccyymm-dd. It would not typically be included on the test score report except for the final session the student attended at that school.</p> | | | | |

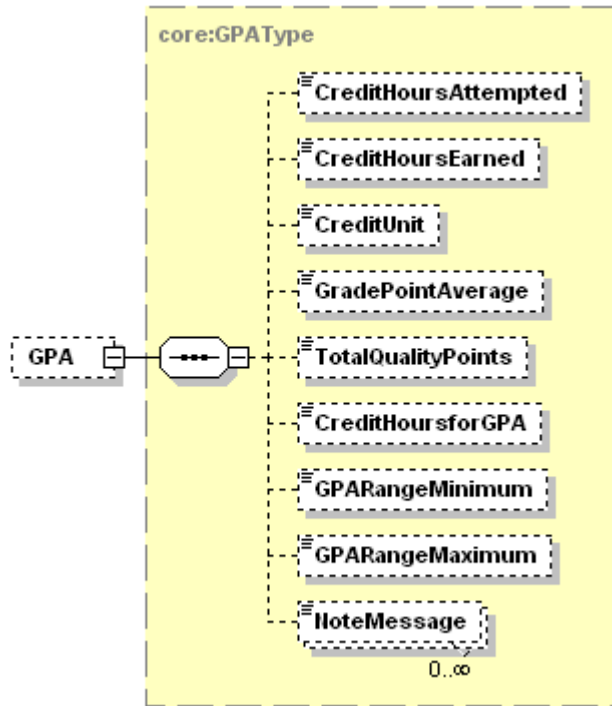
Code Example:

```

<AcademicSummary>
  <AcademicSummaryType>All</AcademicSummaryType>
  <AcademicSummaryLevel/>
  <GPA>
    SubElements omitted to save space.
  </GPA>
  <AcademicHonors>
    SubElements omitted to save space.
  </AcademicHonors>
  <ClassRank>43</ClassRank>
  <ClassSize>849</ClassSize>
  <NoteMessage>Class ranking was of all juniors at end of junior year.</NoteMessage>
  <AcademicProgram>
    SubElements omitted to save space.
  </AcademicProgram>
  <Delinquencies>GoodStanding</Delinquencies>
  <ExitDate>2005-05-13</ExitDate>
</AcademicSummary>

```

Student.AcademicRecord.AcademicSession.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 test score report. So if a student had enrolled in 10 Carnegie Units which are all included in this session and appear on the test score report, 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 in this session on the test score report, 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 in this session on the test score report, then the value of this data element would be "5". If only 4.5 units were earned, then the value would be "4.5". | | |
| 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 |

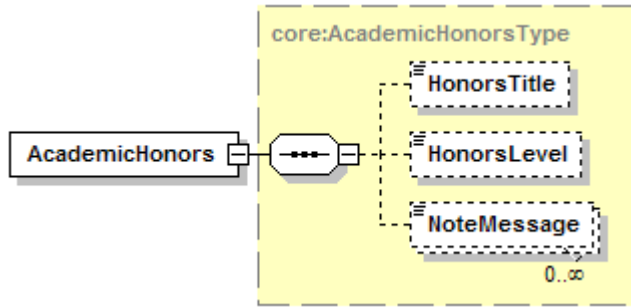
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| GradePointAverage | Optional | The value of the total quality points divided by the Credit Hours for Grade Point Average. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <i>Comment: 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.</i> | | | | |
| TotalQualityPoints | Optional | The total value of quality points used for the calculation of the Grade Point Average. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <i>Comment: If a student earned all grades of B (worth 3 grade points for each Carnegie Unit) in 8.5 Carnegie Units this session, then the value of this data element would be "25.5".</i> | | | | |
| CreditHoursforGPA | Optional | The total value of credit hours used to calculate the Grade Point Average. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <i>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".</i> | | | | |
| GPARangeMinimum | Optional | The minimum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <i>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".</i> | | | | |
| GPARangeMaximum | Optional | The maximum possible GPA | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| <i>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.</i> | | | | |
| NoteMessage | Optional Repeatable | Additional information about the GPA | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <i>Comment: The GPA included at this point in the Schema represents the GPA for this session.</i> | | | | |

Code Example:

```

<GPA>
  <CreditHoursAttempted>4.5</CreditHoursAttempted>
  <CreditHoursEarned>4</CreditHoursEarned>
  <CreditUnit>CarnegieUnits</CreditUnit>
  <GradePointAverage>4.0</GradePointAverage>
  <TotalQualityPoints>16</TotalQualityPoints>
  <CreditHoursforGPA>4</CreditHoursforGPA>
  <NoteMessage/>
</GPA>
    
```

Student.AcademicRecord.AcademicSession.AcademicSummary.AcademicHonors



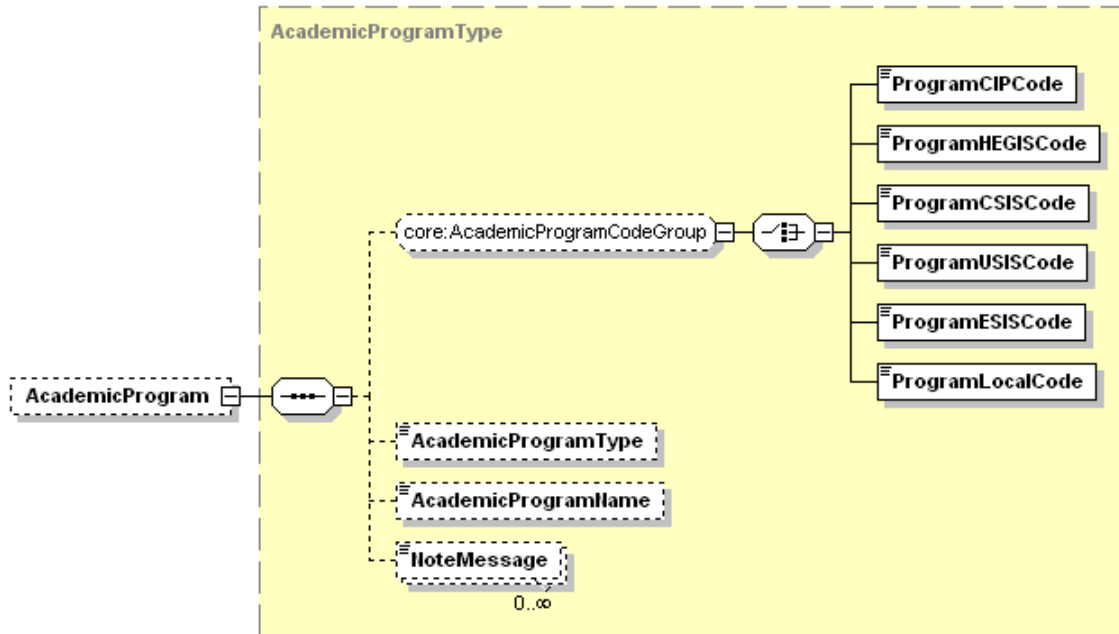
| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------|---|---|-----------------|--|
| HonorsTitle | Optional | The descriptive title for the honors received. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| | Comment: A variety of names are used for these session honors in the United States. Some common ones are "Principal's List", "Legion of Honor", "Honor Roll", "Dean's List", "Academic Achievement", 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 Honors Title. In the examples shown for Honors Title above, it might be indicated that "Legion of Honor" is the First Highest honor possible, while "Academic Achievement" is the Third Highest honor available to be awarded a student at the end of a session. | | | |
| NoteMessage | Optional Repeatable | Additional information about the honors | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<AcademicHonors>
  <HonorsTitle>Academic Achievement</HonorsTitle>
  <HonorsLevel>ThirdHighest</HonorsLevel>
  <NoteMessage/>
</AcademicHonors>
    
```

Student.AcademicRecord.AcademicSession.AcademicSummary.AcademicProgram



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---------------------|--|--|-----------------|--|
| ProgramCIPCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Classification of Instructional Programs | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramHEGISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Higher Education General Information Survey | Not Recommended | minOcc 0 maxOcc 1 minLen 6 maxLen 20 |
| ProgramCSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by Statistics Canada Canadian College Student Information System | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramUSISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada University Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 5 maxLen 5 |
| ProgramESISCode | Optional exclusive choice | Code indicating a discipline or field of study assigned by the Statistics Canada Enhanced Student Information System. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| ProgramLocalCode | Optional exclusive choice | Proprietary code used by the School to describe its program. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 20 |
| | Comment: Although the Academic Program Code group is optional, if it is included then you must send one and only one of the above codes. None of the above code sets is appropriate to describe high school academic programs in the United States. | | | |
| AcademicProgramType | Optional | Indicates whether the academic program is a major, minor, area of concentration or specialization. | Optional | minOcc 0 maxOcc 1 Enumeration: Concentration Major Minor Specialization |

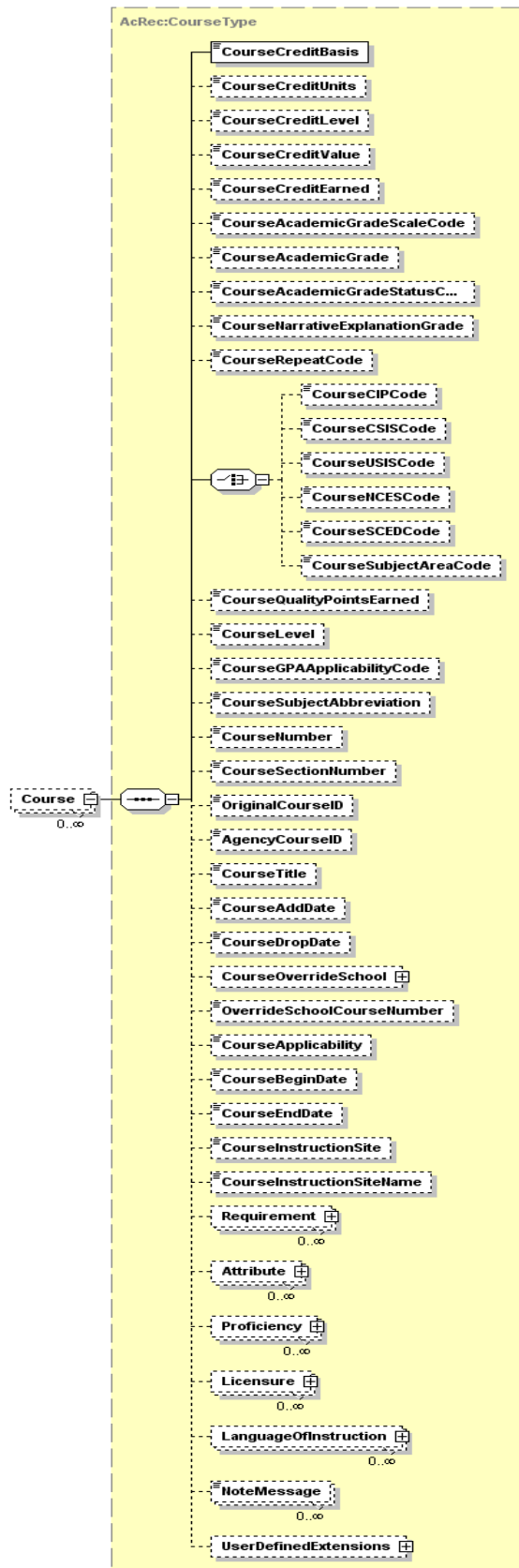
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| AcademicProgramName | Optional | Literal name of program, major, or field of study. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 60 |
| NoteMessage | Optional Repeatable | Additional information about the Academic Program | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: This entire portion of the schema which describes a student's high school academic program is not normally included in a test score report. | | | | |

Code Example:

```

<AcademicProgram>
  <ProgramCIPCode/>
  <AcademicProgramType>Major</AcademicProgramType>
  <AcademicProgramName>Math and Science Magnet</AcademicProgramName>
  <NoteMessage/>
</AcademicProgram>
    
```

Student.AcademicRecord.Course



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|---|-----------------|---|
| CourseCreditBasis | Required | The type of enrollment associated with the credit hours for the course. | Required | minOcc 1 maxOcc 1 Enumeration: Regular AcademicRenewal AdvancedPlacement AdvancedStanding ContinuingEducation Exemption Equivalence InternationalBaccalaureate Military Remedial CreditByExam HighSchoolTransferCredit HighSchoolCreditOnly HighSchoolDualCredit JuniorHighSchoolCredit |
| CourseCreditUnits | 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 |
| CourseCreditLevel | Optional | The level of credit associated with the credit hours earned for the course. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: Undergraduate LowerDivision UpperDivision Vocational TechnicalPreparatory Graduate Professional Dual GraduateProfessional |
| Comment: These values are not appropriate for the test score report and should not be used. | | | | |
| CourseCreditValue | Optional | Number indicating the credit hours that may be earned in the course. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: For example, if the course is worth 1 Carnegie Unit, and if the student withdrew from the course, but the course still appears on the test score report, then the value of this field is "1". Since it is a decimal field, it could also have a value of "1.0" or "1.00". | | | | |
| CourseCreditEarned | Optional | The number of credits a student earns by the successful completion of a course. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| Comment: For example, if the course is worth 1 Carnegie Unit, and if the student passed the courset, then the value of this field is "1". Since it is a decimal field, it could also have a value of "1.0" or "1.00". | | | | |
| CourseAcademicGradeScaleCode | Optional | The grading scale used by an academic educational institution for an academic course. | Recommended | minOcc 0 maxOcc 1 See Appendix D |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|-----------------|--|-----------------|--|
| <p>Comment: Grade scale is based on the American Medical Colleges Admissions Services (AMCAS) grade scale, values 01 through 99. See Appendix D for a complete list of code values.</p> | | | | |
| CourseAcademicGrade | Optional | The final grade awarded for participation in the course. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| CourseAcademicGradeStatusCode | Optional | Special enrollment or completion status of this course | Recommended | minOcc 0 maxOcc 1 Enumeration: AuditedCourse HonorsGrade Incomplete IncompleteNotResolvedFail InProgress NotYetReported OtherFailGrade OtherPassGrade PassFailFail PassFailPass TransferNoGrade Withdraw WithdrawFailing WithdrawNoPenalty WithdrawPassing |
| <p>Comment: For crosswalk purposes from and to the ANSI ASC X12 EDI transaction, the equivalents are 500 – InProgress; 501 – PassFailPass; 502 – PassFailFail; 503 – CreditByExam; 504 – TransferNoGrade; 505 – Incomplete; 506 – WithdrawNoPenalty; 507 – WithdrawPassing; 509 – WithdrawFailing; 510 – HonorsGrade; 511 – AuditedCourse; 512 – Exempted; 513 – NotYetReported; 514 – IncompleteNotResolvedFail; 530 – OtherPassGrade; 531 – OtherFailGrade.</p> | | | | |
| CourseNarrativeExplanationGrade | Optional | The narrative of the grade awarded to a student in an academic course in those cases where a course does not receive a letter or numeric grade included in the grading scale of the Course Academic Grade Qualifier. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 200 |
| CourseRepeatCode | Optional | Indicates that an academic course has been repeated by a student and how that repeat is to be computed in the student's academic grade average. | Recommended | minOcc 0 maxOcc 1 Enumeration: RepeatCounted RepeatNotCounted ReplacementCounted ReplacedNotCounted RepeatOtherInstitution NotCountedOther |
| <p>Comment: If the sending high school has no policy on how to treat repeated courses, then this data element can be ignored by the sending high school. Likewise, if the receiving school has no policy or has a policy to ignore repeat calculations, then it can also be ignored. But if the sending school has such a policy, then this is the place to indicate that policy. For example, if the student previously took the same course, received a failing grade and has now completed this course with a passing grade, then the appropriate value might be "ReplacementCounted". Likewise, if this is the first attempt of the course, then this value might be "RepeatNotCounted".</p> | | | | |
| CourseCIPCode | Optional Choice | The Classification of Instructional Programs (CIP) code to describe the area of study for the course. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| CourseCSISCode | Optional Choice | The Statistics Canada Canadian College Student Information System (CCSIS) code to describe the area of study for the course. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|-----------------|--|--------------------|---|
| CourseUSISCode | Optional Choice | The Statistics Canada University Student Information System (USIS) code to describe the area of study for the course. | Not Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| CourseNCESCode | Optional Choice | The code set developed (or being developed by the United States Department of Education's National Center for Education Statistics | Optional (use one) | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| CourseSCEDCode | Optional Choice | The School Codes for the Exchange of Data (SCED) code set being developed for the United States Department of Education's National Center for Education Statistics to describe the content and level of a course | Optional (use one) | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |
| <p>Comment: This is structured as follows:</p> <p><i>Digits 1, 2: This is the major subject area of course content in the high school course. Its breakdown is shown as the next data element (CourseSubjectAreaCode) which follows.</i></p> <p><i>Digits 3-5: A further breakdown of the course content in the high school course.</i></p> <p><i>Digit 6: Course Level (B for basic or remedial; G for general or regular; E for enriched or advanced, and H for honors.</i></p> <p><i>Digits 7-10: Available Credit. For example, a course offered as a 1 Carnegie Unit course would indicate 1.00</i></p> <p><i>Digits 11-12: Sequence of Courses. For example, 34 would be used to indicate this is the third course in a 4 course sequence.</i></p> | | | | |
| CourseSubjectAreaCode | Optional Choice | This set of code values is derived from the first two digits of the CourseSCEDCode above. | Optional (use one) | minOcc 0 maxOcc 1 Enumeration: EnglishLanguageLiterature Mathematics LifePhysicalSciences SocialSciencesHistory FinePerformingArts ForeignLanguageLiterature ReligiousEducationTheology PhysicalHealthSafetyEducation MilitaryScience ComputerInformationSciences CommunicationsAudio VisualTechnology BusinessMarketing Manufacturing HealthCareSciences PublicProtectiveGovernmentService HospitalityTourism ArchitectureConstruction AgriculturefoodNaturalResources HumanServices TransportationDistributionLogistics EngineeringTechnology Miscellaneous SpecialExceptionalEducationServices |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|----------------------------|------------|---|-----------------|---|
| | | Comment: This is a code set that is based on the first two digits of the Course SCED Code above. The SCED Code is maintained by the US Department of Education's National Center for Education Statistics (NCES). If it is updated in the future, then PESC will keep this code set in synch with the first two digits of the SCED Code. | | |
| CourseQualityPointsEarned | Optional | The numerical value assigned to a letter grade to provide a basis of quantitative determination of an average. | Recommended | minOcc 0 maxOcc 1 xs:decimal |
| | | Comment: For example, if the student earned a grade of B in the course, and if the grade of B is worth 3 grade points, and if this course was worth 1 Carnegie Unit, then the value of this data element is "3". Likewise, for a course that is worth 0.5 Carnegie Units, a grade of B would be worth "1.5" CourseQualityPointsEarned. | | |
| CourseLevel | Optional | The level of work demonstrated by successful completion of the academic course being described | Recommended | minOcc 0 maxOcc 1 Enumeration: Accelerated AdultBasic AdvancedPlacement Basic InternationalBaccalaureate CollegeLevel CollegePreparatory GiftedTalented Honors NonAcademic Remedial SpecialEducation TechnicalPreparatory Vocational |
| CourseGPAApplicabilityCode | Optional | An indicator of whether or not this course being described is included in the computation of the student's Grade Point Average, and if so, if it weighted differently from regular courses. | Recommended | minOcc 0 maxOcc 1 Enumeration: Applicable NotApplicable Weighted |
| CourseSubjectAbbreviation | Optional | The alphabetic abbreviation of the academic department or discipline offering the course. It is one part of the total course identifier number. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| | | Comment: As with all recommended data elements, if the sending school does not use alphabetic abbreviations as part of the course numbering system, then this data element would not exist and would not be included. | | |
| CourseNumber | Optional | The official reference number portion of a course identifier. This number frequently designates the level of the course as well as the level of the student expected to enroll in the course | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 15 |
| CourseSectionNumber | Optional | The number assigned to differentiate among distinct occurrences of courses that have the same course abbreviation and number but are considered to be different courses. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 10 |
| | | Comment: If course section number is used, it should probably be further explained in a note. If it only means, for example, that the course was taught at 9 am instead of 8 am, then it should probably not be included. | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------|--|-----------------|---|
| OriginalCourseID | Optional | The course ID as it was listed when the credit was earned (e.g. before a system conversion) to show consistency between present test score reports and older ones. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| AgencyCourseID | Optional | The course ID that might have been assigned to this course by the state or other agency | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| CourseTitle | Optional | The name or title of the course taken by a student at an academic institution. | Recommended | minOcc 0 maxOcc 1 minLen 1 maxLen 60 |
| CourseAddDate | Optional | The date a student was added to an academic course at a school. | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: Most high schools would not have this date readily available in the school's database. It would be of questionable value to the receiving postsecondary institution. The format of date is ccyy-mm-dd. | | | | |
| CourseDropDate | Optional | The date on which the student drops or withdraws from the course. | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: If this date is readily available, it might be of some value to the receiving postsecondary institution. However, most postsecondary institutions would probably ignore this field | | | | |
| CourseOverrideSchool | Optional | The school where the credit was earned if different from the Academic Session School | Conditional | minOcc 0 maxOcc 1 |
| Comment: This might be used when a full time student at one school is also taking one course at another high school, community college or university during the session by some sort of prior institutional agreement. | | | | |
| OverrideSchoolCourseNumber | Optional | The course ID as it was listed at the school where the credit was earned | Conditional | minOcc 0 maxOcc 1 minLen 1 maxLen 35 |
| Comment: CourseOverrideSchool and OverrideSchoolCourseNumber are normally used for situations like consortiums, concurrent enrollment or transfer courses, although transfer work is recommended to be reported in a separate session with an override school. | | | | |
| CourseApplicability | Optional | The academic program to which this academic course applies toward graduation. | Not Recommended | minOcc 0 maxOcc 1 Enumeration: NotApplicable FirstProgram SecondProgram BothPrograms |
| CourseBeginDate | Optional | The official begin date for this course | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: The format of date is ccyy-mm-dd. | | | | |
| CourseEndDate | Optional | The official end date for this course | Optional | minOcc 0 maxOcc 1 xs:date |
| Comment: CourseBeginDate and CourseEndDate are recommended when the dates differ from the session begin and end dates. The format for date is ccyy-mm-dd. | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|--|
| CourseInstructionSite | Optional | An indication of the type of location at which the course is taught. | Optional | minOcc 0 maxOcc 1 Enumeration: OnCampus OffCampus Extension StudyAbroad Correctional Military Telecommunication Auxiliary ClinicHospital |
| CourseInstructionSiteName | Optional | The name of the location at which the course is taught. | Optional | minOcc 0 maxOcc 1 minLen 1 maxLen 30 |
| Requirement | Optional Repeatable | Curriculum requirements satisfied by successful completion of this course | Optional | minOcc 0 maxOcc ∞ |
| Attribute | Optional Repeatable | Attributes of this course which may require special handling by the receiving institution | Optional | minOcc 0 maxOcc ∞ |
| Proficiency | Optional Repeatable | Proficiency level signified by successful completion of this course | Optional | minOcc 0 maxOcc ∞ |
| Licensure | Optional Repeatable | Licensure requirements satisfied by successful completion of this course | Optional | minOcc 0 maxOcc ∞ |
| LanguageOfInstruction | Optional Repeatable | Language associated with one or more aspects of the course | Optional | minOcc 0 maxOcc ∞ |
| Comment: This optional data element would not be sent if the language is English and the sending school is in the United States. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the course | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| UserDefinedExtensions | Optional | Additional structured information. Requires mutually defined XML schema. | Optional | minOcc 0 maxOcc 1 |
| Comment: This is not the appropriate place in the instance document to include courses taken at the sending school. Neither is it the recommended place to include courses transferred in from another school, if enough information is available to include them as a separate session either with an override school indicated, or as another iteration of the academic record for the other school. If possible, always include courses under a session. If this is not possible, for example, if the courses were transferred in from an international school, or not enough information was included about the session at the other school to make the session meaningful, then those transfer courses may be included here. | | | | |

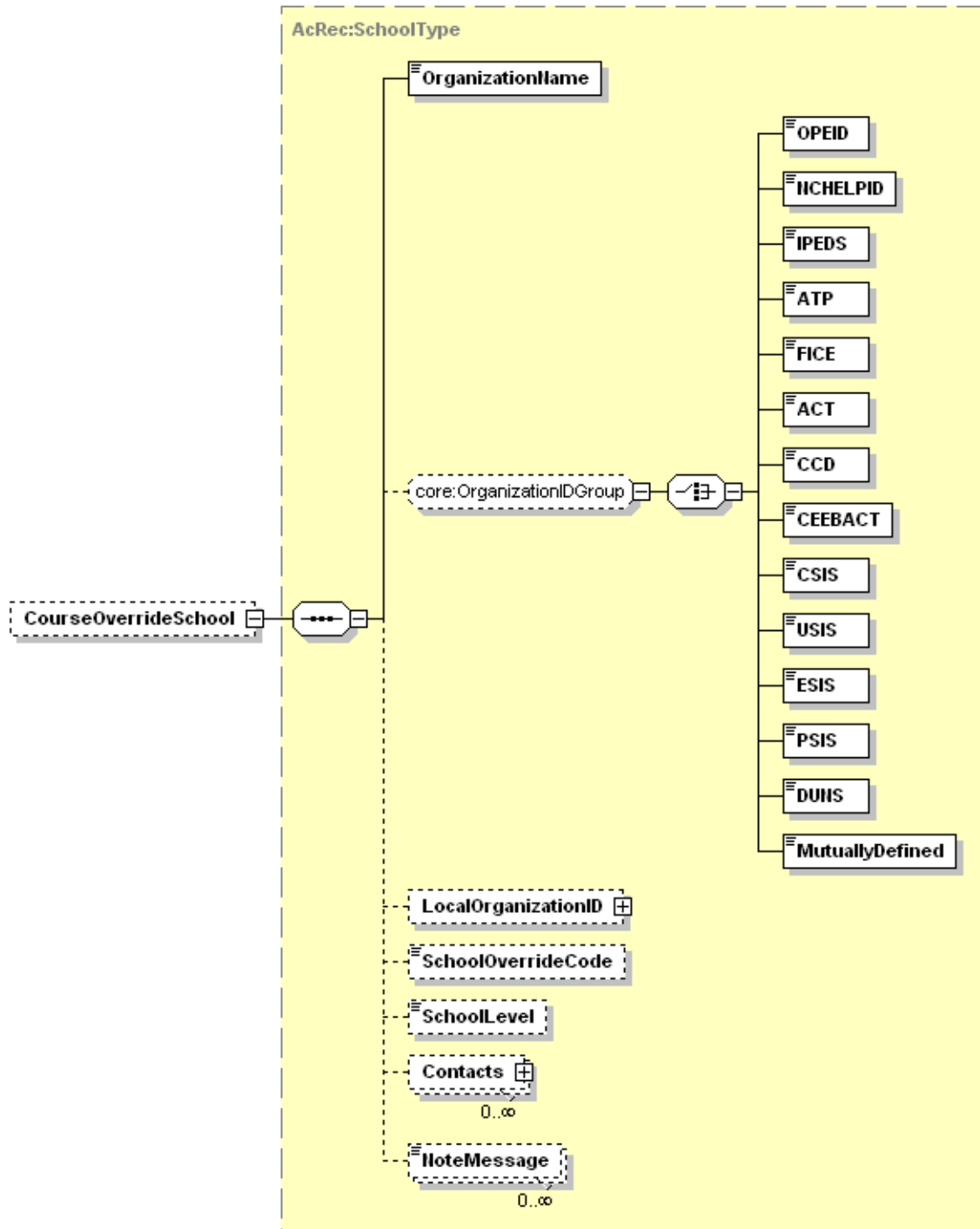
Code Example:

```

<Course>
  <CourseCreditBasis>Regular</CourseCreditBasis>
  <CourseCreditUnits>CarnegieUnits</CourseCreditUnits>
  <CourseCreditLevel/>
  <CourseCreditValue>1</CourseCreditValue>
  <CourseCreditEarned>1</CourseCreditEarned>
  <CourseAcademicGradeScaleCode>25</CourseAcademicGradeScaleCode>
  <CourseAcademicGrade>A</CourseAcademicGrade>
  <CourseNarrativeExplanationGrade/>
  <CourseRepeatCode>RepeatCounted</CourseRepeatCode>
  <CourseSCEDCode>04151H1.0011</CourseSCEDCode>
  <CourseQualityPointsEarned>4</CourseQualityPointsEarned>
  <CourseLevel>CollegePreparatory</CourseLevel>
  <CourseSubjectAbbreviation>HIS</CourseSubjectAbbreviation>
  <CourseNumber>201</CourseNumber>
  <CourseSectionNumber/>
  <OriginalCourseID>HIST201</OriginalCourseID>
  <AgencyCourseID>HIS020201</AgencyCourseID>
  <CourseTitle>United States History 1</CourseTitle>
  <CourseAddDate>2005-09-01</CourseAddDate>
  <CourseDropDate/>
  <CourseOverrideSchool>
    SubElements omitted to save space.
  </CourseOverrideSchool>
  <OverrideSchoolCourseNumber/>
  <CourseApplicability/>
  <CourseBeginDate>2005-09-01</CourseBeginDate>
  <CourseEndDate>2005-12-07</CourseEndDate>
  <CourseInstructionSite>OnCampus</CourseInstructionSite>
  <CourseInstructionSiteName/>
  <Requirement>
    SubElements omitted to save space.
  </Requirement>
  <Attribute>
    SubElements omitted to save space.
  </Attribute>
  <Proficiency>
    SubElements omitted to save space.
  </Proficiency>
  <Licensure>
    SubElements omitted to save space.
  </Licensure>
  <LanguageOfInstruction>
    SubElements omitted to save space.
  </LanguageOfInstruction>
  <NoteMessage/>
  <UserDefinedExtensions/>
</Course>

```

Student.AcademicRecord.Course.CourseOverrideSchool



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|-----------------|---|-----------------------|--|
| OrganizationName | Required | Name of override school | Required | minOcc 1 maxOcc 1 minLen 1 maxLen 60 |
| OPEID | Optional choice | The unique identifier assigned by the Office of Postsecondary Education for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 3 maxLen 8 |
| Comment: The OPEID would only be appropriate if the course were taken at a postsecondary institution. | | | | |
| 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 minLen 3 maxLen 8 |
| Comment: The NCHELPID is not an appropriate choice to describe a school that offers academic courses. | | | | |
| IPEDS | Optional choice | The unique identifier assigned by the National Center for Education Statistics for the Integrated Postsecondary Education Data System for each postsecondary data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The IPEDS code set is not appropriate for indicating a high school that offers an academic course. However, if this override school is a postsecondary institution, then this is an appropriate choice.. | | | | |
| ATP | Optional choice | The unique identifier assigned for the Admissions Testing Program by the College Board for each postsecondary data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The ATP code set is not appropriate for indicating a high school that offers an academic course, but if this override school is a postsecondary institution, then this is an appropriate choice. | | | | |
| FICE | Optional choice | The unique identifier assigned for the Federal Interagency Committee on Education by the US Department of Education's National Center for Education Statistics for each postsecondary data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The FICE code set is not appropriate for indicating a high school that offers an academic course, but if this override school is a postsecondary institution, then this is an appropriate choice. | | | | |
| ACT | Optional choice | The unique identifier assigned by the American College Testing or ACT for each postsecondary data exchange partner. See www.act.org. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 4 maxLen 4 |
| Comment: The ACT code set is not appropriate for indicating a high school that offers an academic course, but if this override school is a postsecondary institution, then this is an appropriate choice. | | | | |
| CCD | Optional choice | The unique identifier assigned by the US Department of Education's National Center for Education Statistics as the Common Core of Data for each K12 data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 12 maxLen 12 |
| CEEBACT | Optional choice | The unique identifier assigned by the College Entrance Examining Board and ACT for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| Comment: The CEEBACT code set is arguably the most common code for indicating a high school that offers academic courses. | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|---------------------|--|-----------------------|--|
| CSIS | Optional choice | The unique identifier assigned by the Statistics Canada Canadian College Student Information System for each data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| USIS | Optional choice | The unique identifier assigned by the Statistics Canada University Student Information System for each data exchange partner | Recommended (use one) | minOcc 0 maxOcc 1 minLen 6 maxLen 6 |
| ESIS | Optional choice | The unique identifier assigned by the Statistics Canada Enhanced Student Information System for each data exchange partner. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 8 maxLen 8 |
| PSIS | Optional choice | A seven digit Canadian code that identifies primary and secondary educational institutions | Not Recommended | minOcc 0 maxLen 1 minLen 7 maxLen 7 |
| Comment: This may be used if the code is not available in one of the other code sets such as CEEB. | | | | |
| DUNS | Optional choice | Data Universal Numbering System (DUNS), unique nine character company identification number issued by Dun and Bradstreet Corporation. | Recommended (use one) | minOcc 0 maxOcc 1 minLen 9 maxLen 9 |
| Comment: The DUNS code would not normally be an appropriate code set to use to indicate an academic institution that offered an academic course. | | | | |
| Comment: Although it is not necessary to send one of the above 12 codes, if you choose to do so, then choose one of the noted appropriate codes. | | | | |
| LocalOrganizationID | Optional | A code set typically used by a state, province or region to further identify the school whose record is beng sent | Optional | minOcc 0 maxOcc 1 |
| SchoolOverrideCode | Optional | The source of the academic credit if not awarded by the home or parent institution. <i>Institutional</i> - Institutional Agreement <i>Multicampus</i> - Multiple Campus <i>Course Offering</i> <i>Transfer</i> - Transfer Credit <i>StudyAbroad</i> - Study Abroad <i>Coop</i> - Cooperative Program <i>Reciprocal</i> - Reciprocal Exchange <i>Internship</i> - Internship | Recommended | minOcc 0 maxOcc 1 Enumeration: Institutional Multicampus Transfer StudyAbroad Coop Reciprocal Internship |
| SchoolLevel | Optional | Indicates level of Override School | Recommended | minOcc 0 maxOcc 1 Enumeration: Elementary Secondary Postsecondary |
| Contacts | Optional Repeatable | Contact info at Override School | Optional | minOcc 0 maxOcc 1 |
| NoteMessage | Optional Repeatable | Additional information about the Override School | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

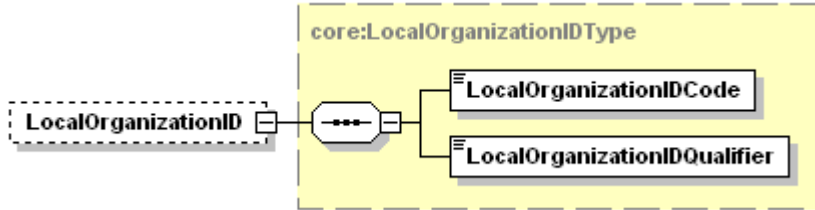
Code Example:

<School>

```
<OrganizationName>Miami Dade School District; Miami Senior High School</OrganizationName>
<CEEBACT>101075</CEEBACT>
<LocalOrganizationID>
  SubElements omitted to save space.
</LocalOrganizationID>
<SchoolOverrideCode>Reciprocal</SchoolOverrideCode>
<SchoolLevel>Secondary</SchoolLevel>
<Contacts>
  SubElements omitted to save space.
</Contacts>
<Note/Message/>
</School>
```


Student.AcademicRecord.Course.CourseOverrideSchool.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

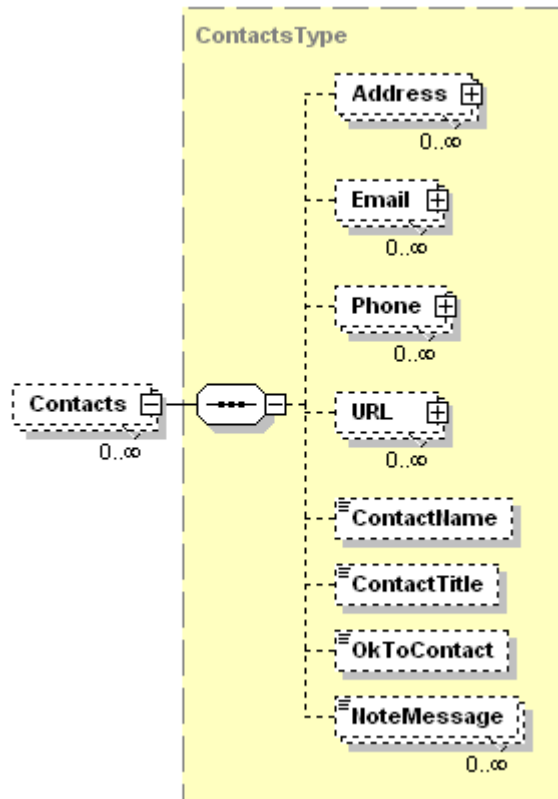


| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------------------|------------|--|-----------------|---|
| LocalOrganizationIDCode | Required | The code assigned for the receiving school by the state, province or other mutually defined agency specified in the LocalIDQualifier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

Code Example:

```
<LocalOrganizationID>
  <LocalOrganizationIDCode>340005501</LocalOrganizationIDCode>
  <LocalOrganizationIDQualifier>FL</LocalOrganizationIDQualifier>
</LocalOrganizationID>
```

Student.AcademicRecord.Course.CourseOverrideSchool.Contacts



| Tag Name | Schema Use | Description | Recommended Use | Format |
|--------------|---------------------|---|-----------------|---|
| Address | Optional Repeatable | Address of the Override School | Recommended | minOcc 0 maxOcc ∞ |
| Phone | Optional Repeatable | Phone Number of the Override School | Optional | minOcc 0 maxOcc ∞ |
| Email | Optional Repeatable | Email Address of the Override School | Optional | minOcc 0 maxOcc ∞ |
| URL | Optional Repeatable | Universal Resouce Locator of the Override School | Optional | minOcc 0 maxOcc ∞ |
| ContactName | Optional Repeatable | Name of the contact at the Override School | Optional | minOcc 0 maxOcc ∞ |
| ContactTitle | Optional Repeatable | Job title or position of the contact at the Override School | Optional | minOcc 0 maxOcc ∞ |
| OkToContact | Optional Repeatable | Indicates if the contact person at the Override school may be contacted for additional information. | Optional | minOcc 0 maxOcc ∞ |
| NoteMessage | Optional Repeatable | Additional information about the contacts at the Override School | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

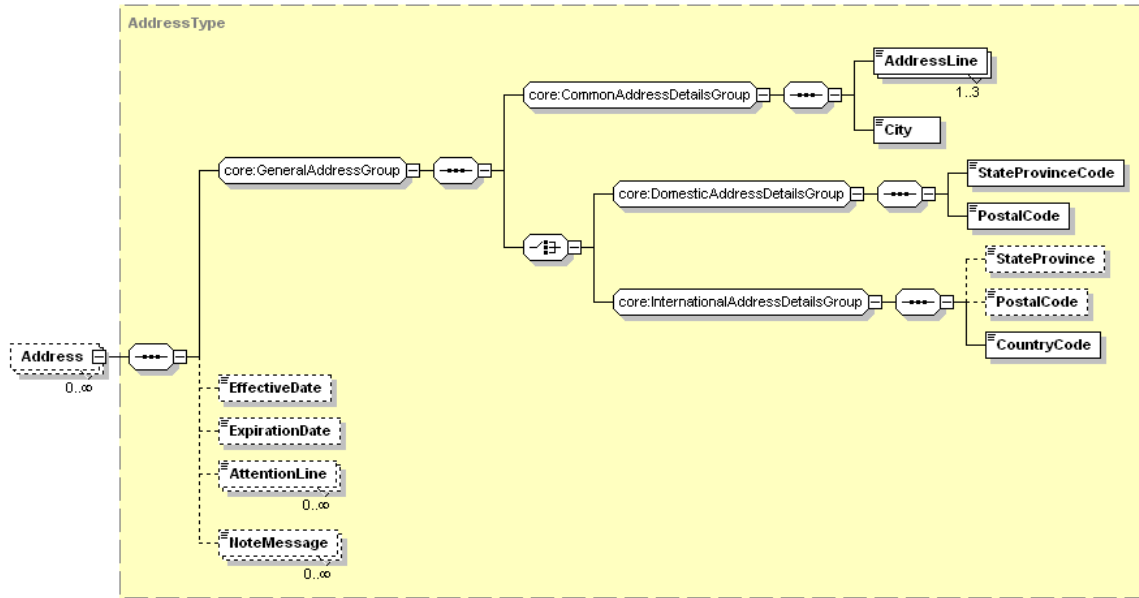
Code Example:

```
<Contacts>
  <Address>
    SubElements omitted to save space.
  </Address>
  <Phone>
    SubElements omitted to save space.
  </Phone>
  <Email>
    SubElements omitted to save space.
  </Email>
  <URL>
    SubElements omitted to save space.
  </URL>
  <ContactName>Rose Reinhardt</ContactName>
  <ContactTitle>Director Admissions</ContactTitle>
  <OkToContact>Yes</OKToContact>

  <NoteMessage/>
</Contacts>
```

Student.AcademicRecord.Course.CourseOverrideSchool.Contacts.Address

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



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

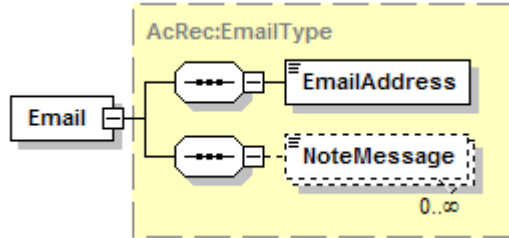
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|---------------------|--|---|--|
| StateProvinceCode | Required | Code for US states, etc., and Canadian provinces. | Required | minOcc 1 maxOcc 1 Enumeration: See Appendix A |
| PostalCode | Required | The postal code portion of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

Code Example (Domestic Address):

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

Student.AcademicRecord.Course.CourseOverrideSchool.Contacts.Email

Note: Although the complex data element Email is an optional data element, if you choose to send the Email of the Override School, then you must send the 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 minLen 1 maxLen 128 |
| NoteMessage | Optional Repeatable | Additional information about the email address | Not recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

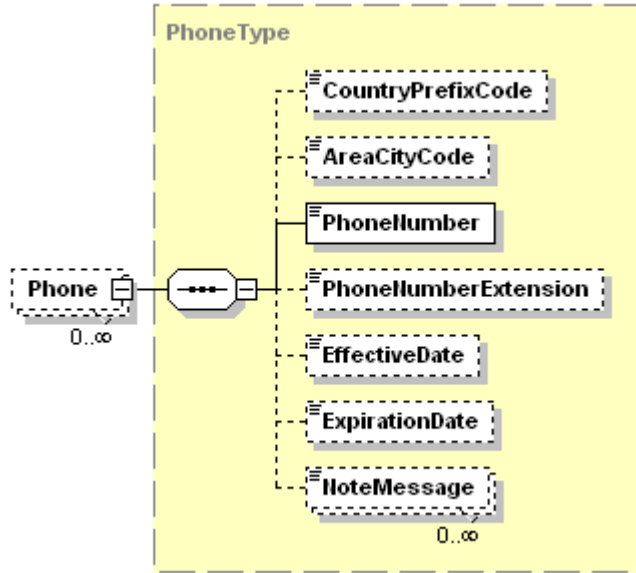
Comment: This is the Email of the Course Override School.

Code Example:

```
<Email>
  <EmailAddress>registrar@newtrier.k12.il.us</EmailAddress>
  <NoteMessage/>
</Email>
```

Student.AcademicRecord.Course.CourseOverrideSchool.Contacts.Phone

Note: Although the complex data element Phone is an optional data element, if you choose to send the Phone of the Override School, then you must send the phone number.



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

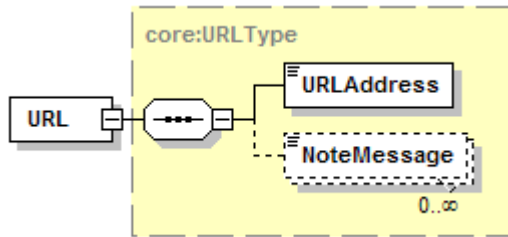
Code Example:

```

<Phone>
  <CountryPrefixCode/>
  <AreaCityCode>512</AreaCityCode>
  <PhoneNumber>4757638</PhoneNumber>
  <PhoneNumberExtension/>
  <NoteMessage/>
</Phone>
    
```

Student.AcademicRecord.Course.CourseOverrideSchool.Contacts.URL

Note: Although the complex data element URL is an optional data element, if you choose to send the URL of the Override School, 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. | Required | minOcc 1 maxOcc 1 minLen 0 maxLen 512 |
| NoteMessage | Optional Repeatable | Additional information about the URL | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

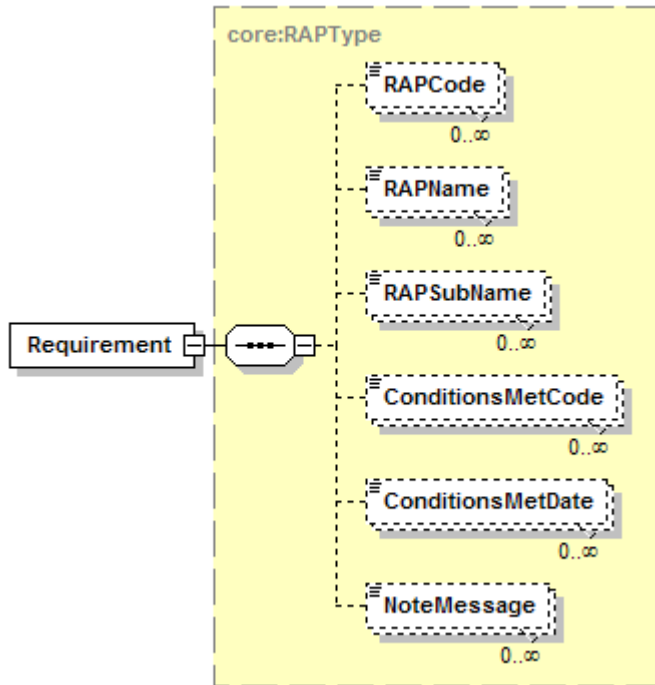
Comment: This is the URL of the Course Override School.

Code Example:

```

<URL>
  <URLAddress>http://nth.s.newtrier.k12.il.us</URLAddress>
  <NoteMessage/>
</URL>
    
```

Student.AcademicRecord.Course.Requirement



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|--|
| RAPCode | Optional Repeatable | Requirement demonstrated or earned in addition to or as part of an academic award. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 3 |
| <p>Comment: If this data element is to be used effectively, a code set should be created by a state or region. An example is given below in the Code Example. If not, then User Defined Extensions would be an alternate method of including this information.</p> | | | | |
| RAPName | Optional Repeatable | Literal name of requirement | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| RAPSubName | Optional Repeatable | Literal name of subsection of requirement | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| ConditionsMetCode | Optional Repeatable | Indicates whether and how conditions for the requirement have been attained. | Recommended | minOcc 0 maxOcc ∞ Enumeration: Yes No Conditional MutuallyDefined |
| ConditionsMetDate | Optional Repeatable | Date requirement was met. | Optional | minOcc 0 maxOcc ∞ xs:date |
| <p>Comment: The format of date is cyy-mm-dd.</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|--|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information about the requirement | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: For example, the Requirement part of the course could be used to indicate that completion of this course satisfies a computer literacy requirement for graduation or a Community Service requirement. It could also be use to indicate that this course meets a requirement for admission to the state university system.</p> | | | | |

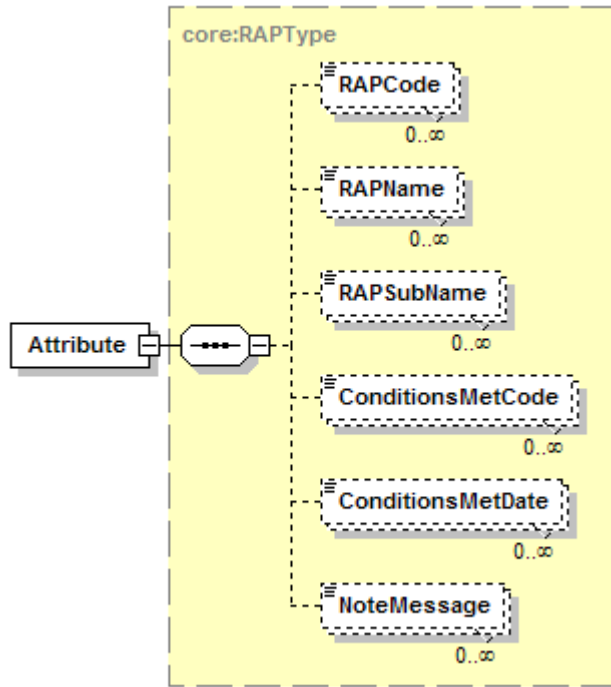
Code Example:

```

<Requirement>
  <RAPCode>9TX</RAPCode>
  <RAPName>TXDegReq</RAPName>
  <RAPSubName>UT Austin Writing Component</RAPSubName>
  <ConditionsMetCode>Yes</ConditionsMetCode>
  <ConditionsMetDate>2002-08-13</ConditionsMetDate>
  <NoteMessage/>
</Requirement>

```

Student.AcademicRecord.Course.Attribute



| Tag Name | Schema Use | Description | Recommended Use | Format |
|-------------------|--|--|-----------------|--|
| RAPCode | Optional Repeatable | Attribute demonstrated or earned in addition to academic award. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 3 |
| | Comment: If this data element is to be used effectively, a code set should be created by a state or region. An example is given below in the Code Example. If not, then User Defined Extensions would be an alternate method of including this information. | | | |
| RAPName | Optional Repeatable | Literal name of attribute | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| RAPSubName | Optional Repeatable | Literal name of subsection of attribute | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| ConditionsMetCode | Optional Repeatable | Indicates whether and how conditions for certification have been attained. | Recommended | minOcc 0 maxOcc ∞ Enumeration: Yes No Conditional MutuallyDefined |
| ConditionsMetDate | Optional Repeatable | Date of attribute | Optional | minOcc 0 maxOcc ∞ |
| | Comment: The format for date is ccyy-mm-dd. | | | |

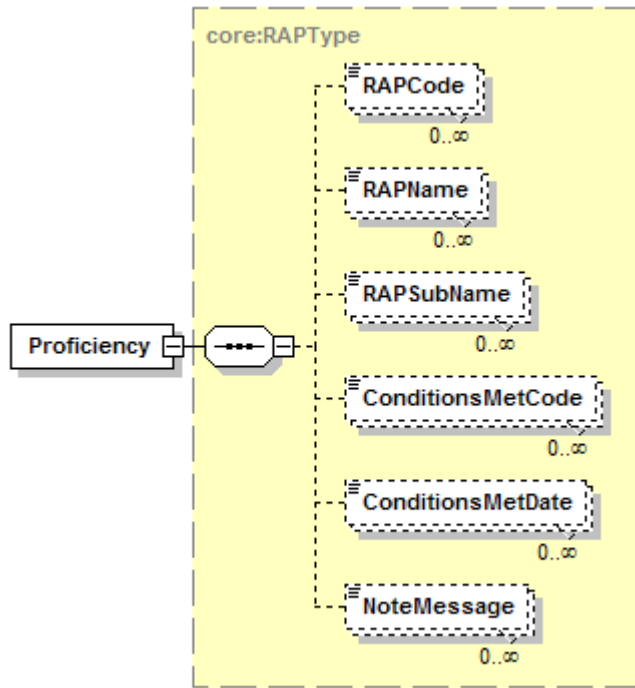
| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information about the attribute | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| <p>Comment: For example, the Attribute part of the course could be used to indicate that the course was taught by a university professor, or it was taught in a hands-on computer lab, etc. It would normally only have significant meaning when used by all participating schools within a state or region.</p> | | | | |

Code Example:

```

<Attribute>
  <RAPCode>9TX</RAPCode>
  <RAPName>TXCORECURR</RAPName>
  <RAPSubName>020Mathematics (I)</RAPSubName>
  <ConditionsMetCode>Yes</ConditionsMetCode>
  <ConditionsMetDate>1997-03-01</ConditionsMetDate>
  <NoteMessage/>
</Attribute>
    
```

Student.AcademicRecord.Course.Proficiency



| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|--|
| RAPCode | Optional Repeatable | Proficiency demonstrated or earned in addition to academic award. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 3 |
| <p>Comment: If this data element is to be used effectively, a code set should be created by a state or region. An example is given below in the Code Example. If not, then User Defined Extensions would be an alternate method of including this information.</p> | | | | |
| RAPName | Optional Repeatable | Literal name of proficiency | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| RAPSubName | Optional Repeatable | Literal name of subsection of proficiency | Optional | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| ConditionsMetCode | Optional Repeatable | Indicates whether and how conditions for certification have been attained. | Recommended | minOcc 0 maxOcc ∞ Enumeration: Yes No Conditional MutuallyDefined |
| ConditionsMetDate | Optional Repeatable | Date of proficiency | Optional | minOcc 0 maxOcc ∞ xs:date |
| <p>Comment: The format for date is ccyy-mm-dd.</p> | | | | |

| Tag Name | Schema Use | Description | Recommended Use | Format |
|---|------------------------|--|-----------------|---|
| NoteMessage | Optional Repeatable | Additional information about the proficiency | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |
| Comment: For example, the Proficiency part of the course could be used to indicate successful completion of this course demonstrates a school graduation requirement for computer competency or English proficiency. | | | | |

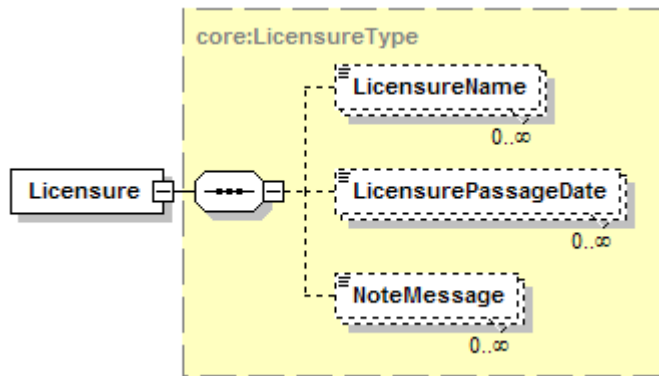
Code Example:

```

<Proficiency>
  <RAPCode>9TX</RAPCode>
  <RAPName>Computer Literacy Proficiency</RAPName>
  <RAPSubName>CSPROF - ComputerSkillsProficiency</RAPSubName>
  <ConditionsMetCode>Yes</ConditionsMetCode>
  <ConditionsMetDate>2004-10-23</ConditionsMetDate>
  <NoteMessage>Students learn MS Word, PPT and Web Search in this course.</NoteMessage>
</Proficiency>

```

Student.AcademicRecord.Course.Licensure



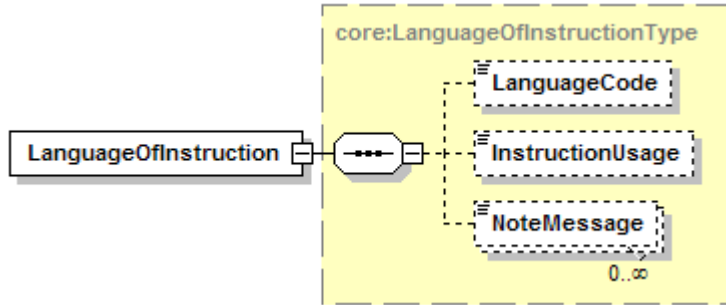
| Tag Name | Schema Use | Description | Recommended Use | Format |
|--|------------------------|---|-----------------|---|
| LicensureName | Optional Repeatable | Free-form name of license or certification. | Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 60 |
| LicensurePassageDate | Optional Repeatable | Date of licensure passage | Optional | minOcc 0 maxOcc ∞ xs:date |
| Comment: The format for date is ccyy-mm-dd. | | | | |
| NoteMessage | Optional Repeatable | Additional information about the licensure | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Code Example:

```

<Licensure>
  <LicensureName>Occupational Therapy Assistant</LicensureName>
  <LicensurePassageDate>2004-05-20</LicensurePassageDate>
  <NoteMessage/>
</Licensure>
  
```


Student.AcademicRecord.Course.LanguageOfInstruction



| Tag Name | Schema Use | Description | Recommended Use | Format |
|------------------|------------------------|---|-----------------|--|
| LanguageCode | Optional | Code indicating the language being used, using ISO 639-2 code (Alpha-3) set. See Appendix E for the code list. | Recommended | minOcc 0 maxOcc 1 minLen 3 maxLen 3 |
| InstructionUsage | Optional | The use of the language in the context of instruction. <i>Instruction</i> - Language of Instruction <i>Examination</i> - Language of Examination <i>WrittenExam</i> - Language in which Examination is written | Recommended | minOcc 0 maxOcc 1 Enumeration: Instruction Examination WrittenExam |
| NoteMessage | Optional Repeatable | Additional information about the language of instruction | Not Recommended | minOcc 0 maxOcc ∞ minLen 1 maxLen 80 |

Comment: This is an optional data element. If it is not included, it is assumed the language of instruction was English if the high school sending the record is in the United States.

Code Example:

```
<LanguageOfInstruction>
  <LanguageCode>fre</LanguageCode>
  <InstructionUsage>Instruction</InstructionUsage>
  <NoteMessage/>
</LanguageOfInstruction>
```

Appendix A – StateProvinceCode

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

Appendix B – CountryCode

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

| CountryCode | Description |
|-------------|--|
| ES | Spain |
| ET | Ethiopia |
| FI | Finland |
| FJ | Fiji |
| FK | Falkland Islands (Malvinas) |
| FM | Micronesia, Federated States Of |
| FO | Faroe Islands |
| FR | France |
| GA | Gabon |
| GB | United Kingdom |
| GD | Grenada |
| GE | Georgia |
| GF | French Guiana |
| 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 |
| IN | India |
| IO | British Indian Ocean Territory |
| IQ | Iraq |
| IR | Iran, Islamic Republic Of |
| IS | Iceland |
| IT | Italy |
| 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 |

| CountryCode | Description | CountryCode | Description |
|-------------|--|-------------|--------------------------------------|
| MD | Moldova, Republic Of | SY | Syrian Arab Republic |
| MG | Madagascar | SZ | Swaziland |
| MH | Marshall Islands | TC | Turks And Caicos Islands |
| MK | Macedonia, The Former Yugoslav Republic Of | TD | Chad |
| ML | Mali | TF | French Southern Territories |
| MM | Myanmar | TG | Togo |
| MN | Mongolia | TH | Thailand |
| MO | Macao | TJ | Tajikistan |
| MP | Northern Mariana Islands | TK | Tokelau |
| MQ | Martinique | TL | Timor Leste |
| MR | Mauritania | TM | Turkmenistan |
| MS | Montserrat | TN | Tunisia |
| MT | Malta | TO | Tonga |
| MU | Mauritius | TR | Turkey |
| MV | Maldives | TT | Trinidad And Tobago |
| MW | Malawi | TV | Tuvalu |
| MX | Mexico | TW | Taiwan, Province Of China |
| MY | Malaysia | TZ | Tanzania, United Republic Of |
| MZ | Mozambique | UA | Ukraine |
| NA | Namibia | UG | Uganda |
| NC | New Caledonia | UM | United States Minor Outlying Islands |
| NE | Niger | US | United States |
| NF | Norfolk Island | UY | Uruguay |
| NG | Nigeria | UZ | Uzbekistan |
| NI | Nicaragua | VA | Holy See (Vatican City State) |
| NL | Netherlands | VC | Saint Vincent And The Grenadines |
| NO | Norway | VE | Venezuela |
| NP | Nepal | VG | Virgin Islands, British |
| NR | Nauru | VI | Virgin Islands, U.S. |
| NU | Niue | VN | Viet Nam |
| NZ | New Zealand | VU | Vanuatu |
| OM | Oman | WF | Wallis And Futuna |
| PA | Panama | WS | Samoa |
| PE | Peru | YE | Yemen |
| PF | French Polynesia | YT | Mayotte |
| PG | Papua New Guinea | ZA | South Africa |
| PH | Philippines | ZM | Zambia |
| PK | Pakistan | ZW | Zimbabwe |
| PL | Poland | | |
| PM | Saint Pierre And Miquelon | | |
| PN | Pitcairn | | |
| PR | Puerto Rico | | |
| PS | Palestinian Territory, Occupied | | |
| PT | Portugal | | |
| PW | Palau | | |
| PY | Paraguay | | |
| QA | Qatar | | |
| RE | Reunion | | |
| RO | Romania | | |
| 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 | | |

Appendix C – *AcademicAwardLevel* and *AcademicSummaryType* Definitions

AcademicAwardLevel Definitions

| Enumeration | Definition |
|-------------|--|
| B17 | Did not complete secondary school |
| B18 | Standard High School Diploma which may or may not include an exit test |
| B19 | Advanced or honors diploma |
| B20 | Vocational diploma |
| B21 | Special Education Diploma normally for students with a disability |
| B22 | Certificate of completion or attendance |
| B23 | Special certificate of completion or attendance |
| B24 | General Education Development (GED) Diploma |
| B25 | Other high school equivalency diploma |
| B26 | International diploma or certificate such as International Baccalaureate |
| B27 | Standard High School Diploma with only 3 year curriculum |
| B28 | Met all graduation requirements except for required exit test |

AcademicSummaryType Definitions

| Enumeration | Definition |
|---------------------|--|
| All | Summary of all courses regardless of institution |
| SenderOnly | Summary of all courses at sending institution (or recorded as if they were taken at the sending institution) |
| TransferOnly | Summary of transfer work (courses taken somewhere other than the sending institution) |
| AllNotRepeated | Summary of all courses except for repeated or forgiven courses/credits |
| SenderNotRepeated | Summary of all courses at sending institution except for repeated or forgiven courses/credits |
| TransferNotRepeated | Summary of transfer work except for repeated or forgiven courses/credits |
| AcademicRenewal | Subset of forgiven courses |
| CarryoverCredit | Summary from offline records and used as the initial point for cumulatives and averages |
| DegreeApplicable | Summary of course that apply to degree |
| NonDegreeApplicable | Summary of courses that do not apply toward degree |
| ConvertedFrom | Summary of credits before an institutional term-basis conversion, such as from quarters to semesters |
| ConvertedTo | Summary of credits after an institutional term-basis conversion, such as from quarters to semesters |
| Weighted | 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. |
| NonWeighted | 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. |
| UserDefined | see NoteMessage for explanation |

Appendix D – CourseAcademicGradeScaleCode

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

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

Appendix D – CourseAcademicGradeScaleCode (Continued)

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

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

Appendix D – CourseAcademicGradeScaleCode (Continued)

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

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

Appendix D – CourseAcademicGradeScaleCode (Continued)

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

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

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

Appendix D – CourseAcademicGradeScaleCode (Continued)

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

Appendix E – Language Codes

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

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

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

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

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

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

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

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

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

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