Provincial Approach to Student Information:

Alberta Education High School Transcript PESC XML Specification - v2.0

Specification

Alberta

Alberta Education, Government of Alberta

Alberta Education High School Transcript PESC XML Specification

Revision History:

Ensure that this document is current. Printed documents and locally copied files may become obsolete due to changes to the master document.

Revision	Date	Description of Change
1.01	September 28, 2018	Minor revision – Grammar, punctuation, and style edits.
1.0	September 15, 2018	Initial Publication – New Version

Original and historical versions available at:

https://extranet.education.alberta.ca/PASI.devnet/PASI%20Documents/CurrentRelease/Integration%20Documents/PESC/

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1.0 Introduction

This document outlines the contents and format of the Alberta Education High School Student Transcript PESC format as delivered by the Ministry of Education, Government of Alberta. It is based on the v1.5.0 of the Implementation Guide to the Post-Secondary Electronic Standards Council (PESC) XML Standard Format for the High School Transcript, from which it gets the definitions of the transcript data elements, the segments into which they are organized, and the overall structure of the transcript in PESC format.

This document is intended for use by Alberta Education and Post-Secondary institutions where an electronic exchange of transcript data occurs.

In May 2016, a new version of the transcript xml published to Post-Secondary Institutions was released. This version was then validated through User Acceptance Testing and enhanced and modified to arrive at the transcript xml defined in this document.

The content of the transcript described by this specification aligns with the revised Alberta Education High School Transcript released April 1, 2015 along with any modifications made to the Transcript up until the publication of this document. Any adjustments to the structure of the transcript itself will be communicated with at least 12 months of advanced warning so consumers can make the necessary modifications to their applications.

This specification main Maintains conformance with the PESC Standard based upon:
> *Implementation Guide to the Postsecondary Electronic Standards Council*
> *XML Standard Format for the High School Transcript*
> *Version 1.5.0, Dec 2014*

The PESC standard is available at the PESC website, http://www.pesc.org/.

1.1   How to read this document

This goal of this document is to explain to the reader how the xml transcript is laid out and what it contains. In some cases, breaking these xml elements into their sub-elements (children) is uneven and describing each parent in succession provides no value or context.

An example of such is the Contacts element:

```
<Contacts>
 <Email>
  <EmailAddress></EmailAddress>
 </Email>
</Contacts>
```

The specification document will define each element and its relationship to other elements. However, in this example, the only information of value is the email address. When this is the case, a separate document section will not be created for each element in the hierarchy as the child elements will be described indented below its parent elements.

Tag Name	Description	Format
Contacts	To identify a person or an office at the sending school to which administrative communications should be directed.	minOcc 0 maxOcc ∞
➢ Email ○ EmailAddress	This will always contain the email address for the transcripts and diploma unit in Alberta Education.	minOcc 1 maxOcc 1 minLength 1 maxLength 128

Figure 1: Specification Example (TransmissionData.Source.Organization.Contacts.Email.EmailAddress)

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1.1.1   Important Note about enumerations

It is important to note that in order to document the PESC format as simply as possible, unused **enumerations**, data elements and segments from the full PESC have been left out of this document.

For example, the entire list of Enumerations for the DocumentTypeCode tag are published in the PESC XML High School Transcript Implementation Guide for Version 1.5.0. However, the specification document you are reading will only list the ones Alberta Education will use to define a specific outcome. In this example, Alberta Education uses the *StudentRequest* enumeration to signify that the order was placed by the student. Otherwise, enumerations are ignored by Alberta Education and simply echoed back from the Transcript Request.

Tag Name	Schema Use	Description	Recommended Use	Format
DocumentTypeCode	Required	Type and purpose of document being transmitted	Required	minOcc 1 maxOcc 1 **Enumerations:** Cancel Change InstitutionRequest RequestedRecord Response StudentRequest TermEnroll TermGrade ThirdPartyRequest
Comment: *"Change" would be an appropriate value if the transcript had previously been sent and this is a corrected or updated transcript. "Institution Request" would be appropriate if this transcript is being sent at the request of a postsecondary institution to which the student has applied for admission. "Term Enroll" and "Term Grade" would not be typical values for this data element.*				
TransmissionType	Required	The nature of the transmission	Required	minOcc 1 maxOcc 1

PESC XML High School Transcript Implementation Guide   **July 2016**
Version 1.5.0

Figure 2: PESC.org High School Transcript Specification

Excluding elements from this document does not mean that they will always be absent from the Alberta Education transcript standard. Any additions and or revisions to the PESC standard and the contents of the Alberta Education Transcript will require a revision to this document. In general, unused elements are not included as part of this specification.

1.2   Questions and Omissions

While every effort have been made to ensure the accuracy of this document, The Ministry of Education, Government of Alberta cannot be held liable for any error or omissions within this document or any effort on the part of any party to remediate their process or systems due to those errors or omissions.

- Any questions/errors regarding the contents of this document should be sent to:

  - PASI.Support@gov.ab.ca

- The XML transcript rooted in the same information that is displayed on the printed transcript.

- For more information about the course work, curriculum, dual credit opportunities, credentialing and other High School topics please visit https://education.alberta.ca/.

- Current information about program administration and delivery, student assessment, diploma and certificate requirements, student placement and promotion, and the awarding of credits can be found in the most recent copy of the Guide to Education

- To see the most current information on Career and Technology Studies visit its Program of Studies website.

2.0   High School Transcript

This section describes the xml that is sent when sending a student's high school transcript to a recipient Post-Secondary Institution. High School Transcript xml is made up of three root elements: TransmissionData, Student, and UserDefinedExtensions.

Tag Name	Description	Format
TransmissionData	Routing and header information	minOcc 1 maxOcc 1
Student	Body of document. One segment per student	minOcc 1 maxOcc 1
UserDefinedExtensions	Additional structured information. Requires mutually defined XML schema. Contents will include: • Revision of the Alberta Education High School Transcript PESC XML that the high school transcript adheres to. • URL to the location of the matching specification documentation.	minOcc 1 maxOcc 1

2.1.1.1   Message Illustration

```
<HighSchoolTranscript>
 <TransmissionData>
 </TransmissionData>
 <Student>
 </Student>
 <UserDefinedExtensions>
 </UserDefinedExtensions>
</HighSchoolTranscript>
```

3.0   Transmission Data

This section describes the xml in the Transmission Data element. This element is made up of high-level information about the order, including its source and destination.

3.1.1.1   Transmission Data Section - Message Example

```xml
<?xml-stylesheet type="text/xsl"
href="https://extranet.education.alberta.ca/PASI/transcriptstylesheet_201704.xsl"?
>
<hst:HighSchoolTranscript
xmlns:hst="urn:org:pesc:message:HighSchoolTranscript:v1.5.0"
xmlns:pasi="urn:pasi:alberta:education:v1.0.0"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <TransmissionData>
    <DocumentID>5dc50e0f73r743e19e6dac1d7977a6f8</DocumentID>
    <CreatedDateTime>2018-07-26T12:20:21.3256481Z</CreatedDateTime>
    <DocumentTypeCode>InstitutionRequest</DocumentTypeCode>
    <TransmissionType>Original</TransmissionType>
    <Source>
      <Organization>
        <APAS>AB00000000</APAS>
        <LocalOrganizationID>
          <LocalOrganizationIDCode>AB00000000</LocalOrganizationIDCode>
          <LocalOrganizationIDQualifier>AB</LocalOrganizationIDQualifier>
        </LocalOrganizationID>
        <OrganizationName>Alberta Education</OrganizationName>
        <Contacts>
          <Email>
            <EmailAddress>StudentRecords@gov.ab.ca</EmailAddress>
          </Email>
        </Contacts>
      </Organization>
    </Source>
    <Destination>
      <Organization>
        <APAS>48000001</APAS>
        <LocalOrganizationID>
          <LocalOrganizationIDCode>48000001</LocalOrganizationIDCode>
          <LocalOrganizationIDQualifier>AB</LocalOrganizationIDQualifier>
        </LocalOrganizationID>
        <OrganizationName>All Alberta University</OrganizationName>
      </Organization>
    </Destination>
    <DocumentProcessCode>PRODUCTION</DocumentProcessCode>
    <RequestTrackingID>20180722061425162-3064853-2222</RequestTrackingID>
  </TransmissionData>
```

3.1.2 Transmission Data Specification

The TransmissionData xml element contains six elements with values (DocumentID, CreatedDateTime, DocumentTypeCode, and TransmissionTime, DocumentProcessCode, and RequestTrackingID) which effectively work to uniquely identify the order itself.

The TransmissionData xml element and two sub-elements (Source and Destination) that identify the Source and Destination of the transcript.

Tag Name	Description	Format
DocumentID	A guid used as a unique identifier for the high school transcript.	minOcc 1 maxOcc 1 minLength 1 maxLength 35
CreatedDateTime	The Date and Time stamp when the document was created.	minOcc 1 maxOcc 1 xs:datetime
DocumentTypeCode	Type and purpose of document being transmitted. Will always echo back the value provided in the transcript request. **Enumerations Used** • StudentRequested: If the transcript is being sent due to a direct request to Alberta Education by the student.	minOcc 1 maxOcc 1
TransmissionType	The nature of the Transmission **Enumerations Used:** • Original	minOcc 1 maxOcc 1

Source	Indicates the source of the High School Transcript being sent.	minOcc 1 maxOcc 1
Destination	Indicates the destination or recipient of the high school transcript being sent.	minOcc 1 maxOcc 1
DocumentProcessCode	This element indicates a TEST or PRODUCTION document **Enumerations Used** • TEST • PRODUCTION	minOcc 1 maxOcc 1
RequestTrackingID	The unique ID associated with a request action that is returned to the requestor for document matching and tracking.	minOcc 0 maxOcc 1 minLength 1 maxLength 35

3.1.2.1 Message Illustration

```
<TransmissionData>
 <DocumentID></DocumentID>
 <CreatedDateTime></CreatedDateTime>
 <DocumentTypeCode></DocumentTypeCode>
 <TransmissionType></TransmissionType>
 <Source>
 </Source>
 <Destination>
 </Destination>
 <DocumentProcessCode></DocumentProcessCode>
 <RequestTrackingID></RequestTrackingID>
</TransmissionData>
```

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3.2　TransmissionData.Source.Organization

The Source xml element is a child of the TransmissionData element and it includes information about the source of the High School Transcript being sent. This xml element is made up of one sub element: Organization.

The Organization element contains two elements with values (APAS and OrganizationName) which are always the same, since Alberta Education is always the source of the transcript. Organization's sub-elements are LocalOrganizationID, and Contacts. Since they are always the same, for brevity, their sub-elements will be expanded described in this section.

Tag Name	Description	Format
Organization	Non-person entity such as Organization, Institution, Agency or Business.	minOcc 1 maxOcc 1
APAS	The unique identifier of the source institution designated by ApplyAlberta that generated the high school transcript. Note: Value is always "AB00000000".	minOcc 1 maxOcc 1 maxLength 12
LocalOrganizationID	A code set of two elements (below) typically used by a state, province or region to further identify the school that is responding to the transcript request. Note: This segment is being included for backward compatibility with integrating clients. This segment is not used by Alberta Education (The APAS tag above is the unique identifier used).	minOcc 0 maxOcc 1
➢ LocalOrganizationID Code	Note: Value is always "AB00000000".	minOcc 1 maxOcc 1

➢ LocalOrganizationID Qualifier	Note: Value is always "AB".	minOcc 1 maxOcc 1
OrganizationName	Name of Non-person entity such as Organization, Institution, Agency or Business. Note: Value is always "Alberta Education"	minOcc 1 maxOcc 1 maxLength 60
Contacts	To identify a person or an office at the sending school to which administrative communications should be directed.	
➢ Email ○ EmailAddress	This will always contain the email address for the transcripts and diploma unit in Alberta Education.	minOcc 1 maxOcc 1

3.2.1.1   Message Illustration

```
<Source>
 <Organization>
  <APAS></APAS>
  <LocalOrganizationID>
   <LocalOrganizationIDCode></LocalOrganizationIDCode>
   <LocalOrganizationIDQualifier></LocalOrganizationIDQualifier>
  </LocalOrganizationID>
  <OrganizationName></OrganizationName>
  <Contacts>
   <Email>
    <EmailAddress></EmailAddress>
   </Email>
  </Contacts>
 </Organization>
</Source>
```

3.3   TransmissionData.Destination.Organization

The Destination xml element is a child of the TransmissionData element and it includes information about the destination of the High School Transcript being sent. Just like the Source xml element, it is made up of one sub element: Organization.

The Organization element contains two elements with values (APAS and OrganizationName) which uniquely identify the recipient. These values themselves are sourced using Apply Alberta's Institution and Codes Services for APAS PSI's. The MutuallyDefined xml element is used when the recipient is not an APAS PSI. Organization's other sub-elements are LocalOrganizationID, and Contacts. Since they are always the same, for brevity, their sub-elements will be expanded described in this section.

Indicates the destination or recipient of the high school transcript being sent.

Tag Name	Description	Format
Organization	Non-person entity such as Organization, Institution, Agency or Business.	minOcc 1 maxOcc 1
APAS	The unique identifier of the recipient institution designated by ApplyAlberta that is the intended recipient of the high school transcript. **Note:** Will be provided if the destination institution is an APAS PSI.	minOcc 0 maxOcc 1 maxLength 12
LocalOrganizationID	A code set typically used by a state, province or region to further identify the school receiving the response to a request for a student transcript. **Note:** This segment is being included for backward compatibility with integrating clients and will only be included if the APAS tag is included as well. It is not suggested that this segment being used.	minOcc 0 maxOcc 1
➢ LocalOrganizationIDCode	Note: The LocalOrganizationIDCode value will always be the same as was provided in the APAS tag.	minOcc 1 maxOcc 1

		minLength 1 maxLength 35
➢ LocalOrganizationID Qualifier	Note: Value is always "AB".	minOcc 0 maxOcc 1
MutuallyDefined	This code set could be used by a selected set of trading partners if none of the other above code sets is appropriate. **Note:** Will be provided if the destination institution is not an APAS PSI. For example, Alberta Education shares a Mutually Defined code with Advanced Education's ECMI system of "Enterprise Course and Mark Inquiry"	minOcc 0 maxOcc 1 maxLength 60
OrganizationName	Name of Non-person entity such as Organization, Institution, Agency or Business. **Note:** When MutuallyDefined is leveraged this will associated OrganziationName of the mutually defined Organization. For example, if MutuallyDefined is "Enterprise Course and Mark Inquiry", then we expect the OrganizationName to be "Alberta Advanced Education"	minOcc 1 maxOcc 1 maxLength 60

3.3.1.1   Message Illustration

```
<Destination>
 <Organization>
  <APAS></APAS>
  <LocalOrganizationID>
   <LocalOrganizationIDCode></LocalOrganizationIDCode>
   <LocalOrganizationIDQualifier></LocalOrganizationIDQualifier>
  </LocalOrganizationID>
  <OrganizationName></OrganizationName>
 </Organization>
</Destination>
```

3.3.1.2   Message illustration - Destination institution is not APAS PSI

```
<Destination>
 <Organization>
  <MutuallyDefined></MutuallyDefined>
  <OrganizationName></OrganizationName>
 </Organization>
</Destination>
```

4.0 Student

This section describes the xml in the Student element. It is the largest and most important part of the transcript.

4.1.1.1 Student Section - Message Example

```xml
<Student>
  <Person>
    <AgencyIdentifier>
      <AgencyAssignedID>123456789</AgencyAssignedID>
      <AgencyCode>Province</AgencyCode>
      <AgencyName>Alberta Education</AgencyName>
      <CountryCode>CA</CountryCode>
      <StateProvinceCode>AB</StateProvinceCode>
    </AgencyIdentifier>
    <Birth>
      <BirthDate>1973-12-11</BirthDate>
    </Birth>
    <Name>
      <FirstName>Dante</FirstName>
      <LastName>Smith</LastName>
    </Name>
    <Gender>
      <GenderCode>Unreported</GenderCode>
      <NoteMessage>Alberta Education does not report gender on the high school
transcript.</NoteMessage>
      <NoteMessage>This gender is from the originating transcript request.</NoteMessage>
    </Gender>
  </Person>
  <AcademicRecord>
    <School>
      <OrganizationName>Alberta Education</OrganizationName>
      <Contacts>
        <Email>
          <EmailAddress>StudentRecords@gov.ab.ca</EmailAddress>
        </Email>
      </Contacts>
    </School>
    <AcademicAward>
      <AcademicAwardLevel>B19</AcademicAwardLevel>
      <AcademicAwardDate>1995-06-30</AcademicAwardDate>
      <AcademicAwardTitle>Advanced High School Diploma</AcademicAwardTitle>
    </AcademicAward>
    <AcademicSession>
      <AcademicSessionDetail>
        <SessionDesignator>1995-02</SessionDesignator>
        <SessionType>Semester</SessionType>
        <SessionSchoolYear>1994-1995</SessionSchoolYear>
        <SessionBeginDate>1995-02-01</SessionBeginDate>
      </AcademicSessionDetail>
      <Course>
        <CourseCreditBasis>Regular</CourseCreditBasis>
        <CourseCreditUnits>CarnegieUnits</CourseCreditUnits>
        <CourseCreditEarned>5</CourseCreditEarned>
        <CourseAcademicGradeScaleCode>89</CourseAcademicGradeScaleCode>
        <CourseAcademicGrade>67</CourseAcademicGrade>
        <CourseSupplementalAcademicGrade>
          <CourseSupplementalGrade>
...
```

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```xml
...
                <CourseAcademicSupplementalGrade>65</CourseAcademicSupplementalGrade>
          </CourseSupplementalGrade>
              <CourseSupplementalGrade>
          <SupplementalGradeCode>InstructorAssignedGrade</SupplementalGradeCode>
          <CourseAcademicSupplementalGrade>69</CourseAcademicSupplementalGrade>
          </CourseSupplementalGrade>
      </CourseSupplementalAcademicGrade>
      <AgencyCourseID>ELA3100</AgencyCourseID>
      <CourseTitle>English 30</CourseTitle>
      <CourseOverrideSchool>
        <OrganizationName>Westwood Community High School</OrganizationName>
        <LocalOrganizationID>
          <LocalOrganizationIDCode>1857</LocalOrganizationIDCode>
          <LocalOrganizationIDQualifier>AB</LocalOrganizationIDQualifier>
        </LocalOrganizationID>
      </CourseOverrideSchool>
      <LanguageOfInstruction>
        <LanguageCode>ENG</LanguageCode>
        <InstructionUsage>Examination</InstructionUsage>
      </LanguageOfInstruction>
      <LanguageOfInstruction>
        <LanguageCode>ENG</LanguageCode>
        <InstructionUsage>Instruction</InstructionUsage>
      </LanguageOfInstruction>
      <UserDefinedExtensions>
        <pasi:Extensions>
          <CourseTitle>English 30</CourseTitle>
        </pasi:Extensions>
      <Course>
      <CourseCreditBasis>Equivalence</CourseCreditBasis>
      <CourseCreditUnits>CarnegieUnits</CourseCreditUnits>
      <CourseCreditEarned>0</CourseCreditEarned>
      <CourseAcademicGradeScaleCode>89</CourseAcademicGradeScaleCode>
      <CourseAcademicGrade>55</CourseAcademicGrade>
      <CourseSupplementalAcademicGrade>
        <CourseSupplementalGrade>
          <SupplementalGradeCode>InstructorAssignedGrade</SupplementalGradeCode>
          <CourseAcademicSupplementalGrade>55</CourseAcademicSupplementalGrade>
        </CourseSupplementalGrade>
      </CourseSupplementalAcademicGrade>
      <AgencyCourseID>FSL1093</AgencyCourseID>
      <CourseTitle>French 10-3Y</CourseTitle>
      <CourseOverrideSchool>
        <OrganizationName>Holy Trinity</OrganizationName>
        <LocalOrganizationID>
          <LocalOrganizationIDCode>8411</LocalOrganizationIDCode>
          <LocalOrganizationIDQualifier>AB</LocalOrganizationIDQualifier>
        </LocalOrganizationID>
      </CourseOverrideSchool>
      <LanguageOfInstruction>
        <LanguageCode>ENG</LanguageCode>
        <InstructionUsage>Instruction</InstructionUsage>
      </LanguageOfInstruction>
      <UserDefinedExtensions>
        <pasi:Extensions>
          <CourseTitle>French 10-3Y</CourseTitle>
          <EndNote>
            <EndNoteType>CourseChallengeEquivalency</EndNoteType>
            <EndNoteDescription>FSL1093: This French 10-3Y course challenge was not awarded
credit as credit was already awarded for equivalent course FSL1099: French 10-9Y</EndNoteDescription>
          </EndNote>
          <EquivalentToCourseID>FSL1099</EquivalentToCourseID>
        </pasi:Extensions>
      </UserDefinedExtensions>
    </Course>
  </AcademicSession>
...
```

```
...
      <Course>
        <CourseCreditBasis>HighSchoolTransferCredit</CourseCreditBasis>
        <CourseCreditUnits>CarnegieUnits</CourseCreditUnits>
        <CourseCreditEarned>5</CourseCreditEarned>
        <AgencyCourseID>SST1771</AgencyCourseID>
        <CourseTitle>Etudes Sociales 10-1</CourseTitle>
        <CourseOverrideSchool>
          <OrganizationName>Alberta Education</OrganizationName>
          <LocalOrganizationID>
            <LocalOrganizationIDCode>7999</LocalOrganizationIDCode>
            <LocalOrganizationIDQualifier>AB</LocalOrganizationIDQualifier>
          </LocalOrganizationID>
        </CourseOverrideSchool>
        <UserDefinedExtensions>
          <pasi:Extensions>
            <CourseTitle>Etudes Sociales 10-1</CourseTitle>
            <StudentHasSupportingInformation>true</StudentHasSupportingInformation>
          </pasi:Extensions>
        </UserDefinedExtensions>
      </Course>
      <UserDefinedExtensions>
        <pasi:Extensions>
          <CareerAndTechnologyStudiesCredentialedPathways>
            <CareerAndTechnologyStudiesCredentialedPathway>
              <PathwayName>Athletic Injury Management</PathwayName>
              <CompletedSchoolYear>2014-2015</CompletedSchoolYear>
              <ContributingCourseCodes>REC1020</ContributingCourseCodes>
            </CareerAndTechnologyStudiesCredentialedPathway>
          </CareerAndTechnologyStudiesCredentialedPathways>
        </pasi:Extensions>
      </UserDefinedExtensions>
    </AcademicRecord>
  </Student>
```

4.1.2　Student Specification

This element contains two sub-elements that contain personal information about the student (Personal) and the student's academic history (AcademicRecord).

Tag Name	Description	Format
Person	Biographical and demographic information about the student.	minOcc 1 maxOcc 1
AcademicRecord	Information concerning the academic achievement or status of the student.	minOcc 1 maxOcc ∞

4.1.2.1　Message illustration

```
<Student>
 <Person>
 </Person>
 <AcademicRecord>
 </AcademicRecord>
</Student>
```

4.2   Student.Person

This xml element is a parent to four biographical and demographic informational sub-elements about the student.

Tag Name	Description	Format
AgencyIdentifier	This complex data element is used to provide a student ID assigned by an agency, state, province, etc.	minOcc 0 maxOcc ∞
Birth	Identifying information related to a person's birth	minOcc 1 maxOcc 1
Name	The name of record at the sending institution	minOcc 1 maxOcc 1
Gender	Gender of the student	minOcc 1 maxOcc 1

4.2.1.1   Message illustration

```
<Person>
 <AgencyIdentifier>
 </AgencyIdentifier>
 <Birth>
 </Birth>
 <Name>
 </Name>
 <Gender>
 </Gender>
</Person>
```

4.2.2   Student.Person.AgencyIdentifier

This data element is used to provide a student ID and general information about the agency affiliated with the student identified by it.

Tag Name	Description	Format
AgencyAssignedID	An identification number that has been assigned to the student by a state or province or other agency. Note: No assumptions should be made on the format or length of the agency assigned identifier however Alberta Education commits that this identifier will remain as 9 digits for the foreseeable future.	minOcc 1 maxOcc 1 maxLength 30
AgencyCode	A code that describes the type of agency that assigned the student's identification number. **Enumerations Used** • Province	minOcc 1 maxOcc 1
AgencyName	The name of the state, province or agency that assigned the identification number to the student. Note: Will always be "Alberta Education"	minOcc 1 maxOcc 1 maxLength 60
CountryCode	The code that identifies the country in the world in which the agency that assigned the ID to the student is located. Use ISO 3 155-1 alpha-2 standard. Note: Will always be "CA"	minOcc 1 maxOcc 1
StateProvinceCode	The code that identifies the state or province in the US or Canada in which the agency that assigned the identification number to the student is located. Will always be "AB"	minOcc 1 maxOcc 1

4.2.2.1   Message illustration

```
<AgencyIdentifier>
 <AgencyAssignedID><AgencyAssignedID/>
 <AgencyCode><AgencyCode/>
 <AgencyName><AgencyName/>
 <CountryCode><CountryCode/>
 <StateProvinceCode><StateProvinceCode/>
</AgencyIdentifier>
```

4.2.3   Student.Person.Birth

Identifying information related to a person's birth. This element contains one sub-element, BirthDate which is expanded and defined here for brevity.

Tag Name	Description	Format
Birth	Information about the students age	minOcc 1 maxOcc 1
➢ BirthDate	Date of Birth	minOcc 1 maxOcc 1 xs:date

4.2.3.1   Message illustration

```
<Birth>
 <Birthdate><BirthDate/>
</Birth>
```

4.2.4 Student.Person.Name

The Name xml element contains three name elements that are on the student's record at the sending institution.

Tag Name	Description	Format
Name	The name of the student	minOcc 1 maxOcc 1
➢ FirstName	The first name of the person, usually given at birth, baptism, or during, another ceremony, or through legal change. Note: Alberta Education will use the first name of the 'Legal Name' on the student's record. Longer values will be truncated to fit the max length in the PESC standard	minOcc 1 maxOcc 1 minLength 1 maxLength 35
➢ MiddleName	A secondary name of the person, usually given at birth, baptism, or during another naming ceremony or through legal change Note: Alberta Education will use the middle name of the 'Legal Name' on the student's record. Longer values will be truncated to fit the max length in the PESC standard.	minOcc 0 maxOcc 10 minLength 1 maxLength 35
➢ LastName	The last name or surname by which a person is legally known Note: Alberta Education will use the last name and suffix of the 'Legal Name' on the student's record. Longer values will be truncated to fit the max length in the PESC standard. Note: There are students that do not have a last name. In these situations, the last name will appear in the PESC as "LNU".	minOcc 1 maxOcc 1 minLength 1 maxLength 35

4.2.4.1   Message illustration

```
<Name>
 <FirstName><FirstName/>
 <MiddleName><MiddleName/>
 <LastName><LastName/>
</Name>
```

4.2.5   Student.Person.Gender

The Gender xml element contains two sub-elements, GenderCode and NoteMessage. The GenderCode supplied is simply echoed back from the Transcript Request and is not indicative of the gender of the student's record with Alberta Education.

Tag Name	Description	Format
GenderCode	The gender of the Student The GenderCode value from the original transcript request will be echoed back if it was supplied in the original transcript request Gender is not provided as part of the Alberta Education High School Transcript. To maintain backward compatibly for the consuming institutions gender will be provided using the follow rules: • The GenderCode value from the original transcript request will be echoed back if it was supplied in the original transcript request. • "Unreported" will be used for transcripts requested directly through myPass by the student or a 3rd party. • "Unreported" will be used for transcripts requested by an institution and a GenderCode was not supplied in the original transcript request.	minOcc 1 maxOcc 1

NoteMessage	Additional information about Gender.	minOcc 0
		maxOcc Many
	The following note message will be always be included:	maxLength 80
	"Alberta Education does not report gender on the high school transcript."	
	The following additional note message will conditionally be included:	
	"This gender is from the originating transcript request."	
	Note: The 2nd message will only be provided if the GenderCode is being echoed back in the high school transcript from the original transcript request.	

4.2.5.1　Message illustration

```
<Gender>
 <GenderCode><GenderCode/>
 <NoteMessage><NoteMessage/>
</Gender>
```

4.3   Student.AcademicRecord

The AcademicRecord xml element is the largest and most significant element in the entire transcript xml as it contains all of the student's academic information and achievements of the student.

The AcademicRecord element contains five sub-elements: School, AcademicAward, AcademicSession, Course and UserDefinedExtensions.

Tag Name	Description	Format
School	Override school This attribute will contain the name of the organization that is associated with the information in the other segments in the AcademicRecord.	minOcc 1 maxOcc 1
AcademicAward	Academic awards, degrees, diplomas, certifications, etc. Note: Along with Alberta awarded high school credentials, there could be credentials awarded by organizations other than Alberta Education.	minOcc 0 maxOcc ∞
AcademicSession	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. Note: This segment will not be present in the following situations: ➢ The student has not performed any coursework in an Alberta high school ➢ The AcademicRecord is for an organization other than Alberta Education.	minOcc 0 maxOcc ∞
Course	Academic coursework not related to a specific academic session.	minOcc 0 maxOcc ∞

	Note: This segment will only be used to provide information on the courses that the student has received as "Other Credit".	
UserDefinedExtensions	Additional structured information. Requires mutually defined XML schema. This segment will only be provided when the AcademicRecord contains external credentials.	minOcc 0 maxOcc 1

4.3.1.1   Message illustration

```
<AcademicRecord>
 <School>
 </School>
 <AcademicAward>
 </AcademicAward>
 <AcademicSession>
 </AcademicSession>
 <Course>
 </Course>
 <UserDefinedExtensions>
 </UserDefinedExtensions>
</AcademicRecord>
```

4.3.2 Student.AcademicRecord.School

This segment will be used to provide the awarding organization that awarded the credential (if a credential or credentials have been awarded) described in the Academic Award segment. The School xml element contains the OrganizationName and Contacts sub-elements.

Tag Name	Description	Format
OrganizationName	Name of School. Will contain: ➢ "Alberta Education" if the AcademicRecord contains the student work done in or recognized by an Alberta high school, or ➢ The awarding organization name if the AcademicRecord contains external credentials	minOcc 1 maxOcc 1 minLength 1 maxLength 60
Contacts	To identify a person or an office at the sending school to which administrative communications should be directed.	minOcc 0 maxOcc ∞
➢ Email 　○ EmailAddress	If the OrganizationName is "Alberta Education", then this will always contain the email address for the transcripts and diploma unit in Alberta Education. For any other organization, this segment will be omitted.	minOcc 1 maxOc 1 minLength 1 maxLength 128

4.3.2.1 Message illustration

```
<School>
 <OrganizationName><OrganizationName/>
 <Contacts>
  <Email>
   <EmailAddress></EmailAddress>
  </Email>
 </Contacts>
</School>
```

4.3.3   Student.AcademicRecord.AcademicAward

Lists the academic awards, degrees, diplomas, certifications, etc. the student has been awarded.

Tag Name	Description	Format
AcademicAward	Academic awards, degrees, diplomas, certifications, etc. Note: Along with Alberta awarded high school credentials, there could be credentials awarded by organizations other than Alberta Education.	minOcc 1 maxOcc ∞
➢ AcademicAwardLevel	The level of the degree, certificate, or award granted for the successful completion of requirements of an academic program. See the Appendix for more details. **Enumerations Used** • B17: indicates the student did not complete Pre K - Grade 12 school • B18: indicates the student achieved the General High School Diploma or the Alberta High School Diploma • B19: indicates the student achieved the Advanced High School Diploma or the Advanced High School Diploma with Excellence • B20: indicates the student achieved the Certificate of High School Achievement or the Certificate of Achievement • B21: indicates the student achieved the Certificate of School Completion • B25: indicates the student achieved the High School Equivalency Diploma Note: This segment will not be provided if the Academic Award is for an external credential.	minOcc 0 maxOcc 1
➢ AcademicAwardDate	The date on which the academic award was conferred.	minOcc 0

	Note: ➢ For Alberta Education High School Credentials, the value will be June 30th of the school year that the credential was achieved. ➢ For other credentials, the date the credential was awarded will be provided. ➢ Will be omitted if AcademicAwardLevel is "B17".	maxOcc 1 xs:date
➢ AcademicAwardTitle	The descriptive title for the academic award Note: This attribute is omitted if AcademicAwardLevel is "B17".	minOcc 0 maxOcc 1 maxLength 400

4.3.3.1   Message illustration – Alberta Education awarded credential:

```
<AcademicAward>
 <AcademicAwardLevel><AcademicAwardLevel/>
 <AcademicAwardDate><AcademicAwardDate/>
 <AcademicAwardTitle><AcademicAwardTitle/>
</AcademicAward>
```

4.3.3.2   Message illustration of a typical external credential:

```
<AcademicAward>
 <AcademicAwardDate><AcademicAwardDate/>
 <AcademicAwardTitle><AcademicAwardTitle/>
</AcademicAward>
```

4.3.4   Student.AcademicRecord.AcademicSession

The AcademicSession xml element is a child of the AcademicRecord element and contains the course, award, and summary information related to a specific time period typically arranged into successive semesters or school years.

Tag Name	Description	Format
AcademicSessionDetail	Information identifying the time period for the beginning of this session	minOcc 1 maxOcc 1
Course	Courses associated with this session	minOcc 1 maxOcc ∞

4.3.4.1   Message illustration

```
<AcademicSession>
<AcademicSessionDetail>
</AcademicSessionDetail>
<Course>
</Course>
</AcademicSession>
```

4.3.5   Student.AcademicRecord.AcademicSession.AcademicSessionDetail

Information identifying the time period for the beginning of this session

Tag Name	Description	Format
SessionDesignator	The academic session for which the data are recorded and applicable. For more information on how Alberta Education designates this value see the table in the Appendix. Note: In special cases if the course has a course term other than one listed in the table then the following will be used: SessionDesignator: "xxxx-09" SessionType: "Other"	m minOcc 1 maxOcc 1 xs:gYearMonth
SessionType	Indicates the type of academic session at an educational institution For more information on how Alberta Education defines Section types, please see the Appendix. **Enumerations Used** ● FullYear ● Semester ● Quarter ● SummerSession ● Continuous ● Other	minOcc 1 maxOcc 1
SessionSchoolYear	This is the range of years that are considered to be a school year. Formatted as "xxxx-yyyy"	minOcc 0 maxOcc 1
SessionBeginDate	Actual calendar date when session begins	minOcc 0 maxOcc 1

	Note: If this attribute is provided it will always have the same ccyy-mm as the SessionDesignator with a dd of "01"	xs:date

4.3.5.1   Message illustration

```
<AcademicSessionDetail>
 <SessionDesignator><SessionDesignator/>
 <SessionType><SessionType/>
 <SessionSchoolYear><SessionSchoolYear/>
 <SessionBeginDate><SessionBeginDate/>
</AcademicSessionDetail>
```

4.3.6　Student.AcademicRecord.AcademicSession.Course

This xml element holds information about the courses a student took in an academic session. It should be understood that the mark information for the student is a reflection of the information Alberta Education would print on official transcript. Most importantly that means the list of courses here represent Official Marks (the best mark the student was awarded) rather than every attempt at a course or exam. It can also be implied that since this section includes coursework achieved in an Alberta Education academic session and therefore is reflective of coursework achieved in an Alberta Accredited Institution.

Student coursework for Extra Credits or otherwise known as Evaluations, or High School Transfer Credits are in the AcademicRecord.Course section.

Tag Name	Description	Format
CourseCreditBasis	The type of enrollment associated with the credit hours for the course **Enumerations Used** - Regular: indicates the student performed coursework. - HighSchoolDualCredit: indicates the course has been identified as a dual enrolment. - Equivalence: indicates the course was not awarded credit due to an equivalent course already receiving credit. - CreditByExam: indicates the course was awarded credit entirely based on a GED exam that the student has taken. Note: In the situation where a course meets the criteria for Equivalence and HighSchoolDualCredit, only Equivalence will appear here.	minOcc 1 maxOcc 1
CourseCreditUnits	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course **Enumerations Used** - CarnegieUnits	minOcc 1 maxOcc 1

CourseCreditEarned	The number of credits a student earned by the successful completion of a course.	minOcc 0
		maxOcc 1
	CTS courses will be included on the transcript as individual courses (sometimes 1 credit) rather as an artificially created summary CTS course.	
	Note: This will only be included if CourseAcademicGrade has a value.	
CourseAcademicGradeScaleCode	The grading scale used by an academic educational institution for an academic course	minOcc 1
		maxOcc 1
	Enumerations Used	
	• 89	
CourseAcademicGrade	The official mark awarded for participation in the course.	minOcc 0
		maxOcc 1
	Alberta Education will only include the segment if the student has completed all the necessary work to have an official mark. If not all work has been completed then this segment will be omitted.	maxLength 10
CourseSupplementalAcademicGrade	Grades that are reported, which combine to make the official mark in a course.	minOcc 0
		maxOcc 1
	Note: This segment is normally present. An example where it will be missing will be for a GED course. Only the CourseAcademicGrade would be provided in that case.	
AgencyCourseID	The course ID that might have been assigned to this course by the state or other agency.	minOcc 1
		maxOcc 1
	Note: No assumptions should be made on the format or length of the course ID.	maxLength 30
	Note: Alberta Education commits that course identifiers will be 10 characters or less until Jun	

	2018. After that, the length of the identifier could be adjusted based on business need. Any adjustments to the length will be communicated with at least 12 months of advanced warning.	
CourseTitle	The name or title of the course taken by a student at an academic institution. If the course is a CTS course, then a special course title will be used here that is a combination of occupational area, level, and the course title. If the title is longer than 60 characters then the occupation area and/or the course name will be trimmed so that it fits within the limit of the CourseTitle segment. CTS courses will be included on the transcript as individual courses rather as an artificially created summary CTS course. Note: Alberta Education supports course names that are longer than the maximum length supported by PESC. Longer names will be truncated to fit the max length. Note: The full unaltered name appears in the Course Title in the User Defined Extensions along with any appropriate CTS course details.	minOcc 1 maxOcc 1 maxLength 60
CourseOverrideSchool	The school where the credit was earned. In most cases this is where the student took the course. However, credits are often awarded to a student by Alberta Education (e.g. a student is awarded Mature Prerequisite Credits). In this case we will use "7999". "7999" "7999" is also used as the code for all Evaluations because the actual school the student took the course in (e.g. in Saskatchewan) is not knowns. See the appendix for a list of CourseOverrideSchool scenarios	minOcc 1 maxOcc 1

LanguageOfInstruction	Language associated with one or more aspects of the course. Note: This segment is normally present. An example where it will be missing will be for a GED.	minOcc 0 maxOcc ∞
UserDefinedExtensions	Additional structured information. Requires mutually defined XML schema. Contents could include: • Course Title without length limits imposed by PESC • CTS Occupation Area and Level • End Notes attached to the course	minOcc 1 maxOcc 1

4.3.6.1 Message illustration

```
<Course>
    <CourseCreditBasis/><CourseCreditBasis/>
    <CourseCreditUnits/><CourseCreditUnits/>
    <CourseCreditEarned/><CourseCreditEarned/>
    <CourseAcademicGradeScaleCode/><CourseAcademicGradeScaleCode/>
    <CourseAcademicGrade/><CourseAcademicGrade/>
      <CourseSupplementalAcademicGrade>
      </CourseSupplementalAcademicGrade>
    <AgencyCourseID/><AgencyCourseID/>
    <CourseTitle/><CourseTitle/>
    <CourseOverrideSchool>
    </CourseOverrideSchool>
    <LanguageOfInstruction>
    </LanguageOfInstruction>
    <UserDefinedExtensions>
    </UserDefinedExtensions>
</Course>
```

4.3.7 Student.AcademicRecord.AcademicSession.Course.CourseSupplementalAcademicGrade

The CourseSuppimentalAcademicGrade xml element contains one sub-element, CourseSupplimentalGrade, which has two elements of its own: SupplimentalGradeCode and CourseAcademicSupplimentalGrade. The

only Alberta Education awarded marks with supplemental grades (component grades) are for Diploma courses that have a school mark and an exam mark that are blended together to calculation an Official Mark.

They will be expounded on here rather than in their own sections for brevity.

Tag Name	Description	Format
CourseSupplementalGrade	Information in the child data element CourseSupplementalGrade about the inclusion of component parts of a grade in a course.	minOcc 1 maxOcc ∞
➢ SupplementalGrade Code	The type of component grade that is being included for an education course **Enumerates Used**: • ExamGrade: the grade represents the results of a diploma exam writing undertaken by the student • InstructorAssignedGrade: the grade represents the results of the coursework that was undertaken by the student	minOcc 1 maxOcc 1
➢ CourseAcademicSupplementalGrade	The academic grade reported for this component or supplemental course	minOcc 1 maxOcc 1 maxLength 10

4.3.7.1 Message illustration

```
<CourseSupplementalAcademicGrade>
 <CourseSupplementalGrade>
  <SupplementalGradeCode></SupplementalGradeCode>
 <CourseAcademicSupplementalGrade></CourseAcademicSupplementalGrade>
 </CourseSupplementalGrade>
</CourseSupplementalAcademicGrade>
```

4.3.8 Student.AcademicRecord.AcademicSession.Course.CourseOverride School

The CourseOverrideSchool xml element describes the organization (school) where the student performed the coursework. It contains the LocalOrganizationID xml sub-element and the Organization name. All subsection are described below.

Tag Name	Description	Format
OrganizationName	Name of override school Alberta Education will provide the name of the school where the student performed the coursework If the student has provided consent to release school information. The name will be truncated to the maxLength if the name is longer than what is supported by the PESC standard. If there is no school or the student has not provided consent then this segment will contain "Alberta Education".	minOcc 1 maxOcc 1 maxlength 60
➢ LocalOrganizationID	A code set typically used by a state, province or region to further identify the school whose record is being sent.	minOcc 1 maxOcc 1
○ LocalOrganizationIDCode	The code assigned for the receiving school by the state, province or other mutually defined agency specified in the LocalOrganizationIDQualifier that follows. Alberta Education will provide the school code where the student performed the coursework If the student has provided consent to release school information. If there is no school or the student has not provided consent then this segment will contain "7999". Note: No assumptions should be made on the format or length of the supplied school code. Ideally the full length of the PESC specification should be supported. Note: Alberta Education commits that school identifiers will be 10 characters or less until June 2018. After that, the length of the identifier could be adjusted based on business need. Any adjustments to the length will be communicated with at least 12 months of advanced warning.	minOcc 1 maxOcc 1 maxLength 35

○	LocalOrganizationIDQualifier	This is the state, province or other mutually defined agency that assigned the Local ID Code above. This will always have a value of "AB"	minOcc 1 maxOcc 1

4.3.8.1   Message illustration

```
<CourseOverrideSchool>
 <OrganizationName></OrganizationName>
  <LocalOrganizationID>
   <LocalOrganizationIDCode></LocalOrganizationIDCode>
   <LocalOrganizationIDQualifier></LocalOrganizationIDQualifier>
  </LocalOrganizationID>
</CourseOverrideSchool>
```

4.3.9 Student.AcademicRecord.AcademicSession.Course.LanguageOfInstruction

Language associated with one or more aspects of the course.

Tag Name	Description	Format
LanguageCode	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/ Mainly "ENG" or "FRE" will be used but other values could be provided in this attribute based on the language of the course or diploma exam. See the Appendix for more codes. Any language that does not appear in the list will be mapped to "UND".	minOcc 1 maxOcc 1 minLength 3 maxLength 3
InstructionUsage	The use of the language in the context of instruction. **Enumerations Used:** • Instruction: Language of Instruction • Examination: Language of the Diploma Examination	minOcc 1 maxOcc 1

4.3.9.1   Message illustration

```
<LanguageOfInstruction>
 <LanguageCode><LanguageCode/>
 <InstructionUsage><InstructionUsage/>
</LanguageOfInstruction>
```

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4.3.10 Student.AcademicRecord.AcademicSession.Course.UserDefinedExtensions

This xml element contains all the additional attributes on the course element that Alberta Education has included. This Course.UserDefinedExtensions xml element contains one sub- element, pasi:Extensions, with multiple sub-elements of its own. The full structure is below.

Tag Name	Description	Format
pasi:Extensions	Contains all of the course extensions defined by PASI (Provincial Approach to Student Information) that define Alberta Education specific transcript elements.	minOcc 0 maxOcc
CareerAndTechnologyStudies	Additional information if the course is a career and technologies studies course.	minOcc 0 maxOcc 1
➢ OccupationalAreaName	The name of the occupational area of the course taken by a student. Example of potential values: "Communication Technology" "Computing Science" "Health Care Aide"	minOcc 1 maxOcc 1 Maxlength 30
➢ LevelName	The name of the level of the course taken by a student. **Enumerations Used:** • Advanced • Intermediate • Introductory	minOcc 1 maxOcc 1 Maxlength 30
CourseTitle	The name or title of the course taken by a student at an academic institution.	minOcc 1 maxOcc 1

		Maxlength 255
DeclaredAsDualCreditEnrolment	This flag, when true, indicates that the course has been declared as being a dual credit enrolment. This segment will be omitted unless the value is true.	minOcc 0 maxOcc 1 xs:boolean
EquivalentToCourseID	Provides the course id of the equivalent course that the student has already received credit for. Note: No assumptions should be made on the format or length of the course id.	minOcc 0 maxOcc 1 maxLength 30
EndNote	Additional information regarding an end note that appears on bottom of the printed transcript.	minOcc 0 maxOcc Many
➤ EndNoteType	The type of endnote that is on the course taken by a student. **Enumerations Used:** - MissingMark: indicates a school and exam mark is required. No official mark awarded. - ExamExemptions: indicates Alberta Education has granted an exemption to the student allowing them to complete part or none of the diploma exam for this diploma course. - CourseEquivalency: indicates Alberta Education has not awarded credit for the course as it was deemed to be an equivalent course, for credit purposes, to another course that has been awarded credit.	minOcc 1 maxOcc 1 Maxlength 30

	• CourseChallengeEquivalency: indicates Alberta Education has not awarded credit for the course challenge as it was deemed to be an equivalent course, for credit purposes, to another course that has been awarded credit. In most situations this is because the student has challenged a second-language course but has already earned credits in an equivalent course. For more information, see the Guide to Education. Note: Additional end notes could be added without a formal release of this specification document. This flexibility is needed to support the business need of providing meaningful information on the printed and electronic versions of the transcript.	
➢ EndNoteDescription	The full description of the end note as it appears on the printed transcript.	minOcc 1 maxOcc 1 Maxlength 255

4.3.10.1   Message illustration

```
<UserDefinedExtensions>
 <pasi:Extensions>
  <CareerAndTechnologyStudies>
   <OccupationalAreaName></OccupationalAreaName>
    <LevelName></LevelName>
  </CareerAndTechnologyStudies>
   <CourseTitle></CourseTitle>
   <EndNote>
    <EndNoteType></EndNoteType>
    <EndNoteDescription></EndNoteDescription>
   </EndNote>
   <EquivalentToCourseID></EquivalentToCourseID>
 </pasi:Extensions>
</UserDefinedExtensions>
```

4.3.11   Student.AcademicRecord.Course

This xml segment contains academic coursework not related to a specific Alberta Education academic session. Provides information on the courses that student has received as "Other Credit", more commonly known as Evaluations. Information about courses the student has achieved at Alberta Education in an Alberta Accredited school is in the Student.AcademicRecord.AcademicSession.Course xml segment.

Tag Name	Description	Format
pasi:Extensions	Contains all of the course extensions defined by PASI (Provincial Approach to Student Information) that define Alberta Education specific transcript elements.	
CourseCreditBasis	The type of enrollment associated with the credit hours for the course. **Enumerations Used** • HighSchoolTransferCredit: indicates credits for the course were awarded based on an evaluation of supporting information provided by the student or the student was awarded credit by Alberta Education.	minOcc 1 maxOcc 1
CourseCreditUnits	The type of credit (unit, semester, or quarter) associated with the credit hours earned for the course. **Enumerations Used** • CarnegieUnits	minOcc 1 maxOcc 1
CourseCreditEarned	The number of credits a student earned by the successful completion of a course	minOcc 1 maxOcc 1
CourseSupplementalAcademicGrade	Grades that are reported, which combine to make the official mark in a course. Note: This segment is normally not-present. There are very specific situations where credit has been granted due to an evaluation and the evaluated mark is	minOcc 0 maxOcc 1

	included on the transcript. An example where it will be included will be when credit was awarded due to a music evaluation of a student's private music study.	
AgencyCourseID	The course ID that might have been assigned to this course by the state or other agency. Note: No assumptions should be made on the format or length of the course ID. Note: Alberta Education commits that course identifiers will be 10 characters or less until June 2018. After that, the length of the identifier could be adjusted based on business need. Any adjustments to the length will be communicated with at least 12 months of advanced warning.	minOcc 1 maxOcc 1 maxLength 30
CourseTitle	The name or title of the course taken by a student at an academic institution. If the course is a CTS course, then a special course title will be used here that is a combination of occupational area, level, and the course title. If the title is longer than 60 characters then the occupation area and/or the course name will be trimmed so that it fits within the limit of the CourseTitle segment. Note: Alberta Education supports course names that are longer than the maximum length supported by PESC. Longer names will be truncated to fit the max length. Note: The full unaltered name appears in the Course Title in the User Defined Extensions along with any applicable CTS course details.	minOcc 1 maxOcc 1 maxLength 60
UserDefinedExtensions	Additional structured information. Requires mutually defined XML schema. Contents could include:	minOcc 1 maxOcc 1

	Course Title without length limits imposed by PESC · CTS Occupation Area and Level · End Notes attached to the course	

4.3.11.1 Message illustration

```xml
<Course>
 <CourseCreditBasis></CourseCreditBasis>
 <CourseCreditUnits></CourseCreditUnits>
 <CourseCreditEarned></CourseCreditEarned>
  <CourseSupplementalAcademicGrade>
   <CourseSupplementalGrade>
    <SupplementalGradeCode></SupplementalGradeCode>
     <CourseAcademicSupplementalGrade></CourseAcademicSupplementalGrade>
   </CourseSupplementalGrade>
  </CourseSupplementalAcademicGrade>
 <AgencyCourseID></AgencyCourseID>
 <CourseTitle></CourseTitle>
  <CourseOverrideSchool>
   <OrganizationName></OrganizationName>
   <LocalOrganizationID>
    <LocalOrganizationIDCode></LocalOrganizationIDCode>
    <LocalOrganizationIDQualifier></LocalOrganizationIDQualifier>
   </LocalOrganizationID>
  </CourseOverrideSchool>
 <UserDefinedExtensions>
  <pasi:Extensions>
   <CourseTitle></CourseTitle>
   <StudentHasSupportingInformation></StudentHasSupportingInformation>
   <CourseCreditEarnedExplanation>
    <CourseCreditEarnedExplanationType></CourseCreditEarnedExplanationType>
    <CourseCreditEarnedExplanationDescription></CourseCreditEarnedExplanationDescription>
   </CourseCreditEarnedExplanation>
  </pasi:Extensions>
 </UserDefinedExtensions>
</Course>
```

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4.3.11.2 Message illustration with CTS Pathway

```xml
<Course>
 <CourseCreditBasis></CourseCreditBasis>
 <CourseCreditUnits></CourseCreditUnits>
 <CourseCreditEarned></CourseCreditEarned>
  <CourseSupplementalAcademicGrade>
   <CourseSupplementalGrade>
    <SupplementalGradeCode></SupplementalGradeCode>
     <CourseAcademicSupplementalGrade></CourseAcademicSupplementalGrade>
   </CourseSupplementalGrade>
  </CourseSupplementalAcademicGrade>
 <AgencyCourseID></AgencyCourseID>
 <CourseTitle></CourseTitle>
  <CourseOverrideSchool>
   <OrganizationName></OrganizationName>
   <LocalOrganizationID>
    <LocalOrganizationIDCode></LocalOrganizationIDCode>
    <LocalOrganizationIDQualifier></LocalOrganizationIDQualifier>
   </LocalOrganizationID>
  </CourseOverrideSchool>
 <UserDefinedExtensions>
  <pasi:Extensions>
   <CourseTitle></CourseTitle>
   <StudentHasSupportingInformation></StudentHasSupportingInformation>
   <CourseCreditEarnedExplanation>
    <CourseCreditEarnedExplanationType></CourseCreditEarnedExplanationType>
    <CourseCreditEarnedExplanationDescription></CourseCreditEarnedExplanationDescription>
    </CourseCreditEarnedExplanation>
  </pasi:Extensions>
 </UserDefinedExtensions>
</Course>
```

4.3.12 Student.AcademicRecord.Course.CourseSupplementalAcademicGrade

Grades that are reported, which provide additional information on the course for which credit was awarded. Information in the child data element CourseSupplementalGrade includes component parts of a mark value in a course for which credit was awarded.

Tag Name	Description	Format
CourseSupplementalGrade	Information in the child data element CourseSupplementalGrade about the inclusion of component parts of a grade in a course.	minOcc 1 maxOcc Many
➢ SupplementalGradeCode	The type of component grade that is being included for an education course **Enumerates Used:** • InstructorAssignedGrade: the grade represents the results of the coursework that was undertaken by the student	minOcc 1 maxOcc 1
➢ CourseAcademicSupplementalGrade	The academic grade reported for this component or supplemental course. Note: For courses in this section of the transcript, the mark value reported is as the result of an evaluation performed by the principal in a school based on supporting information that the student presented..	minOcc 1 maxOcc 1 maxLength 10

4.3.12.1   Message Illustration

See the message illustrations in section 3.3.10 (Student.AcademicRecord.Course).

4.3.13   Student.AcademicRecord.Course.UserDefinedExtensions

This xml segment User Defined Extensions about academic coursework not related to a specific Alberta Education academic session which is extra information on the courses that student has received as "Other Credit", more commonly known as Evaluations.

Please note that all of these elements will appear with in the extensions xml element. The message illustration shows the full structure.

Tag Name	Description	Format
Extensions	Contains all of the course extensions defined by PASI (Provincial Approach to Student Information) that define Alberta Education specific transcript elements related to Other Credits or Evaluations.	minOcc 0 maxOcc
CourseTitle	The name or title of the course taken by a student at an academic institution.	minOcc 1
CareerAndTechnologyStudies	Additional information if the course is a career and technologies studies course.	minOcc 0 maxOcc 1
➢ OccupationalAreaName	The name of the occupational area of the course taken by a student. Example of potential values: "Communication Technology" "Computing Science" "Health Care Aide"	minOcc 1 maxOcc 1 Maxlength 30
➢ LevelName	The name of the level of the course taken by a student. **Enumerations Used:** • Advanced • Intermediate • Introductory	minOcc 1 maxOcc 1 Maxlength 30

StudentHasSupportingInformation	This flag, when true, indicates the credits for the course were awarded based on an evaluation of supporting information provided by the student.	minOcc 0 maxOcc 1 xs:Boolean
CourseCreditEarnedExplanation	Provides additional background information on how the student earned the additional credit and was given a CourseSupplementalAcademicGrade on the transcript.	minOcc 0 maxOcc 1
➢ CourseCreditEarnedExplanationType	The type of evaluation that was performed. **Enumerations Used:** • MusicEvaluation	minOcc 1 maxOcc 1 Maxlength 30
➢ CourseCreditEarnedExplanationDescription	Provides a statement that is additional background information on how the student earned the additional credit and was given a CourseSupplementalAcademicGrade on the transcript.	minOcc 1 maxOcc 1

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4.3.13.1   Message illustration

```xml
<UserDefinedExtensions>
 <Extensions>
  <CourseTitle></CourseTitle>
  <CareerandTechnologyStudies><CareerandTechnologyStudies/>
  <StudentHasSupportingInformation></StudentHasSupportingInformation>
  <CourseCreditEarnedExplanation>
   <CourseCreditEarnedExplanationType></CourseCreditEarnedExplanationType>
    <CourseCreditEarnedExplanationDescription></CourseCreditEarnedExplanationDescription>
  </CourseCreditEarnedExplanation>
 <Extensions>
</UserDefinedExtensions>
```

4.3.14 Student.AcademicRecord.UserDefinedExtensions

Additional attributes on the AcademicRecord that Alberta Education has included.

Please note that all of these elements will appear with in a Extensions xml element. The message illustration shows the full structure. This segment will contain one or more CareerAndTechnologyStudiesCredentialedPathway segments, each of which provides additional attributes giving details of the CTS Credential Pathway that the student has completed.

Tag Name	Description	Format
PathwayName	The name of the CTS credentialed pathway.	minOcc 1 maxOcc 1 xs:string
CompletedSchoolYear	The school year when the pathway is completed for the student. Formatted as "xxxx-yyyy"	minOcc 1 maxOcc 1 xs: string
ContributingCourseCodes	This is a comma-delimited list of all of the course codes associated to the PathwayName	minOcc 1 maxOcc 1 xs:string

4.3.14.1 Message illustration

```
<CareerAndTechnologyStudiesCredentialedPathways>
 <PathwayName><PathwayName/>
 <CompletedSchoolYear><CompletedSchoolYear/>
 <ContributingCourseCodes><ContributingCourseCodes/>
</CareerAndTechnologyStudiesCredentialedPathway>
```

5.0 UserDefinedExtensions

Additional attributes on the HighSchoolTranscript that Alberta Education has included.

Please note that all of these elements will appear with in a Extensions xml element. The message illustration shows the full structure.

Tag Name	Description	Format
Extensions	Contains User Defined Extensions	minOcc 0 maxOcc 1
Revision	Revision of the Alberta Education High School Transcript PESC XML that the high school transcript adheres to.	minOcc 1 maxOcc 1 xs:integer
SpecificationURL	URL to the location of the documentation for the Alberta High School Transcript PESC XML specification. The URL will be the location where a PDF version of this specification is publicly available.	minOcc 0 maxOcc 1 maxLength 400
TranscriptPDF	A PDF of the transcript. The PDF will be encoded using base64. Note: The PDF will only be included if the original request specified the ElectronicFormat to be "PDFWithEmbeddedData".	minOcc 0 maxOcc 1

5.1.1.1 Message illustration

```
<UserDefinedExtensions>
 <Extensions>
  <Revision><Revision/>
  <SpecificationURL><SpecificationURL/>
  <TranscriptPDF><TranscriptPDF/>
 </Extensions>
</UserDefinedExtensions>
```

6.0 Appendix

6.1 Glossary

Term	Definition
Credential	Recognition by Alberta Education in the form of a certificate or diploma that is awarded to students that have completed a specific set of requirements.
Dual Enrolment	The definition agreed to by Alberta Education, Alberta Enterprise and Advanced Education and Alberta Human Services is that: "Dual credits are earned when a high school student is taking either a high school or a post-secondary course that results in both high school credits and post-secondary credits. Students are enrolled and/or registered in the articulated secondary/post-secondary course in both institutions." As defined in the Glossary at Dual Credit eToolkit site.
External Credential	An external credential is a credential that was not awarded by Alberta Education. Alberta Education awarded credentials can be found in the Guide to Education.
Other Credit	Awarded credits to the student towards courses where they did not complete any coursework in an Alberta accredited K-12 institution.
Equivalencies	Course equivalencies occur within Alberta Education when a student completes two or more courses where Alberta Education deems the curriculum similar enough that the student can only receive credit in one of the course completions. In this case the earliest course will receive credit while all other attempts at equivalent courses will not be awarded any credit.

Exam Mark	These records represent the mark that a student received for an Alberta Education diploma exam or a General Educational Development (GED) exam. Exam Mark was previously referred to as the Department Mark.
Occupational Area	Occupational Area is a grouping of courses that focuses on the attitudes, skills, knowledge, and values related to specific areas of work. http://www.learnalberta.ca/content/ctsg/wi/wi_occ_areas.html https://education.alberta.ca/career-and-technology-studies/programs-of-study/
Official Mark	This mark is calculated by Alberta Education based on the student's course enrolments, evaluated marks, and exam marks related to a specific course code. Official Mark was previously referred to as the Final Mark.
PASI	Provincial Approach to Student Information (PASI) is Alberta Education's system that is responsible for collecting student course marks submitted by Alberta schools and authorities. The PASI core then takes these students course marks to calculate official marks and eligibility towards credentials.
Alberta Education High School Transcript PESC	The version of the transcript xml described in this document. This version of the transcript that has been created for the purpose of electronic distribution of the transcript with the Post-Secondary Institutions.

6.2　XML Data Types

These are XML Data Types used in this specification.

Refer to http://www.w3.org/TR/xmlschema-2/ for more information on the details of the XML specification.

Data Type	Format and Examples
xs:date	Format: yyyy-mm-dd
xs:datetime	Format: yyyy-mm-ddThh:mm:ss{+-GMT}
xs:YearMonth	Format: ccyy-mm
xs:boolean	Possible values: true; false; 0; 1
xs:integer	Used to specify a numeric value without a fractional component.

All string values will be using the UTF-8 character set.

6.3 Types of Alberta Education Credentials

The following table provides a list of the Alberta Education Credentials, their descriptions and how they are coded within the PESC standard:

Credential Name	Description	PESC Academic Award Level
Advanced High School Diploma (ADVD)	The second highest of three diplomas awarded to students enrolled in senior high school between 1984 and 1995.	B19
Advanced High School Diploma with Excellence (ADEX)	The highest of three diplomas awarded to students enrolled in senior high school between 1984 and 1995.	B19
Alberta High School Diploma (AHSD)	The diploma that came into existence after 1995 replacing the previous three tiered high school diplomas available between 1984 and 1995.	B18
Certificate of Achievement (IOPC)	A certificate pursued by students enrolled in Integrated Occupational Program courses and enrolled in senior high school between 1990 and 2008.	B20
Certificate of High School Achievement (CHSA)	A certificate that is pursued by students enrolled in Knowledge and Employability courses.	B20
Certificate of School Completion (COSC)	A certificate awarded to students with significant cognitive delays who meet the qualification criteria.	B21
General High School Diploma (GHSD)	The base diploma of three diplomas awarded to students enrolled in senior high school between 1984 and 1995. The only diploma prior to 1984.	B18

High School Equivalency Diploma (HSED)	A diploma awarded to mature students or students that have passed a complete series of GED exams.	B25

6.4 Test Alberta Student Numbers (ASN)

Only Alberta Student Numbers selected for testing can be used in the non-production environments.

All transcript requests made using an ASN that is not on the Test ASN List and made in an environment other than production will be ignored.

The most recent version of this document is located here

- https://extranet.education.alberta.ca/PASI.devnet/PASI Documents/CurrentRelease/Integration Documents/PESC/

6.5 Sample High School PESC XML Transcript

Samples are best obtained by making using the services that PASI provides to make a transcript request against ASNs that are on the test ASN list.

A sample is provided as a separate file and is located here:

- https://extranet.education.alberta.ca/PASI.devnet/PASI Documents/CurrentRelease/Integration Documents/PESC/

6.6 External Credential and Awarding organizations

The following table is an extract of the external credentials that might be included in a high school transcript. The list is subject to change.

External Credential Name	Awarding Organization
Adobe Certified Associate (ACA) in Rich Media Communication using Adobe Flash Professional CS4/CS5/CS6	Adobe
Adobe Certified Associate (ACA) in Video Communication using Adobe Premiere Pro CS5/CS6	Adobe

Adobe Certified Associate (ACA) in Visual Communication using Adobe Photoshop CS4/CS5/CS6	Adobe
Adobe Certified Associate (ACA) in Web Communication using Adobe Dreamweaver CS4/CS5/CS6	Adobe
Advanced Stitcher Sewing Assessment	International Alliance of Theatrical Stage Employees (IATSE) Local 212
Alberta Conservation and Hunter Education Program	Alberta Hunter Education Instructors Association (AHEIA)
Alberta Fishing Education Program	Alberta Hunter Education Instructors Association (AHEIA)
Alberta Health Care Aide	MTG Healthcare Academy
Aquatic Exercise Specialty Leader Certification	The Alberta Fitness Leadership Certification Association (AFLCA)
Athletic First Aid Certificate	Sports Medicine Council of Alberta (SMCA)
Certificate of Achievement in Health Care Aide	Lakeland College
Certificate of Military Achievement	Canadian Forces
Certified Coach - National Coaching Certification Program (NCCP)	Coaching Association of Canada (CAC)
Certified Health Care Aide	Health Care Aide Academy

Certified Health Care Aide	Robertson College
Child Development Assistant	Alberta Human Services
Cisco Certified Entry Networking Technician (CCENT)	Cisco
CompTIA A+ Certification	CompTIA
CompTIA Network+ Certification	CompTIA
Emergency First Aid - Child Care	Academy of Emergency Training
Emergency Child Care First Aid & CPR	Canadian Red Cross
emerit Food and Beverage Server	Canadian Tourism Human Resource Council (CTHRC), emerit Skills Training and Certification
Entry Level Stitching Assessment	International Alliance of Theatrical Stage Employees (IATSE) Local 212
First Aid in Child Care	St. John Ambulance
First Aid is for Life Standard First Aid	Emergency Medical Education Services
First Responder	Canadian Red Cross
Fitness for the Older Adult Specialty Leader Certification	The Alberta Fitness Leadership Certification Association (AFLCA)
Flatline Standard First Aid	Flatline Response Inc.

Focus on Information Technology (FIT) Certification	ICTC
Food Safety Certificate	Alberta Education
Foundations of Athletic Therapy Certificate of Completion	Alberta Athletic Therapists Association
Foundations of Mentoring	Alberta Mentoring Partnership
Government of Alberta Health Care Aide (HCA) Provincial Curriculum Certificate	Excel Academy
Group Exercise Leader Certification	The Alberta Fitness Leadership Certification Association (AFLCA)
Health Care Aide	CLI College of Business, Health and Technology
Health Care Aide	Keyano College
Health Care Aide	Lethbridge College
Health Care Aide	Northern Lakes College
Health Care Aide	Royal Health Care Aide Training Program (Lethbridge)
Health Care Aide Certificate	NorQuest College
Health Care Aide Certificate	Rosewood College

Health Care Aide Certificate	Portage College
Health Care Aide Certificate	Red Deer College
Health Care Aide Certificate	Medicine Hat College
Health Care Aide Certificate	Bow Valley College
Health Care Aide Certificate	Columbia College
Health Care Aide Certificate	ABM College of Health and Technology
Health Care Aide Government of Alberta Program Certificate	Academy of Learning
Health Care Aide Government of Alberta Provincial Curriculum	Alberta Caregiving Institute
Health Care Aide Government of Alberta Provincial Curriculum	Evergreen College
Health Care Aide Government of Alberta Provincial Curriculum	Cambrooks College
Health Care Aide Government of Alberta Provincial Curriculum	Nightingale Academy
Health Care Aide Government of Alberta Provincial Curriculum Certificate	Training Inc.
Heart and Stroke Foundation of Canada - Alberta Standard First Aid	Heart and Stroke Foundation of Canada

International Bowhunter Education Program	Alberta Hunter Education Instructors Association (AHEIA)
IPSR Standard First Aid Course	Inter Provincial Safety Resources (IPSR)
Leave No Trace Trainer	Leave No Trace Canada
Medical First Responder Advanced Level 1	St. John Ambulance
Microsoft Office Specialist for Microsoft Office Access 2007/2010/2013	Microsoft
Microsoft Office Specialist for Microsoft Office Excel 2007/2010/2013	Microsoft
Microsoft Office Specialist for Microsoft Office PowerPoint 2007/2010/2013	Microsoft
Microsoft Office Specialist for Microsoft Office Word 2007/2010/2013	Microsoft
Microsoft Technology Associate in Networking Fundamentals	Microsoft
Microsoft Technology Associate in Windows Operating System Fundamentals	Microsoft
Mountain Division First Aid Training - Standard First Aid	Canadian Ski Patrol System
NSC Advanced First Aid, CPR & AED	National Safety Council (NSC)

Pediatric Emergency First Aid & CPR Level C	EMP Canada Services Ltd.
Pleasure Craft Operator Card (PCOC)	Transport Canada
Ready 4 Rescue Standard First Aid	HeartZAP Services Inc. (Ready 4 Rescue)
Rescue 7 Standard First Aid	Rescue 7 Inc.
Resistance Training Specialty Leader Certification	The Alberta Fitness Leadership Certification Association (AFLCA)
Sport Nutrition Level 1 Certificate	Sports Medicine Council of Alberta (SMCA)
Sport Taping & Strapping Certificate	Sports Medicine Council of Alberta (SMCA)
Standard First Aid	LifeWorks Consulting Ltd.
Standard First Aid & CPR	Canadian Red Cross
Standard First Aid & CPR C & AED	Royal Life Saving Society Canada, Alberta and Northwest Territories Branch
Standard First Aid - CPR C & AED	St. John Ambulance
Standard First Aid - Workplace	Academy of Emergency Training
Standard First Aid and CPR-C MEDIC First Aid - Version 7	EMP Canada Services Ltd.
Standard First Aid and Level C CPR & AED	Rocky Mountain Adventure Medicine

Standard First Aid with CPR & AED	Action First Aid Inc.
Standard First Aid with CPR level C / AED	Western Canada Fire and First Aid Inc.
Standard First Aid with Heartsaver AED and CPR (Level C)	SAIT Polytechnic
Standard First Aid with Level C & AED	APex Training Solutions
Standard First Aid with Level C & AED	Canadian College of Emergency Medical Services (EMS)
Standard First Aid/CPR with AED	Active Canadian Emergency Training
Tech Prep Certificate	Alberta Career Prep Consortium
The Government of Alberta Health Care Aide	Alberta Business and Educational Services

6.7   SessionDesignator and SessionType

This table lays out how Alberta Education defines the mapping between a Course Term, as it appears on the physically printed transcript, and the derived PESC enumerations that will be used. More information, here.

With a school year of xxxx/yyyy (e.g. 2015/2016), the following table applies:

Course Term as it Appears on Printed Transcript	Derived SessionDesignator	Derived SessionType
Full Year	xxxx-09	FullYear
Continuous	xxxx-09	Continuous
Quarter 1	xxxx-09	Quarter
Quarter 2	xxxx-11	Quarter
Quarter 3	yyyy-02	Quarter
Quarter 4	yyyy-04	Quarter
Semester 1	xxxx-09	Semester
Semester 2	yyyy-02	Semester
Summer	yyyy-07	SummerSession
September	xxxx-09	Other
October	xxxx-10	Other
November	xxxx-11	Other
December	xxxx-12	Other
January	yyyy-01	Other
February	yyyy-02	Other
March	yyyy-03	Other
April	yyyy-04	Other
May	yyyy-05	Other
June	yyyy-06	Other
July	yyyy-07	Other
August	yyyy-08	Other

6.8   Language Codes

The following table shows the mapping that occurs between the language of instruction that is available within PASI to the language codes in ISO 639-2:

Language of Instruction as it Appears in PASI	Mapped to ISO 639-2 Language	
American Sign Language	SGN	Sign Languages
Arabic	ARA	Arabic
Blackfoot (Siksika)	BLA	Siksika
Chinese (Cantonese, Yue)	CHI	Chinese
Chinese (Mandarin)	CHI	Chinese
Cree	CRE	Cree
German	GER	German
Dene (Chipewyan)	CHP	Chipewyan; Dene Suline
English	ENG	English
Filipino	FIL	Filipino; Pilipino
French	FRE	French
Greek	GRE	Greek, Modern (1453-)
Hebrew	HEB	Hebrew
Hindi	HIN	Hindi
Hungarian	HUN	Hungarian
Italian	ITA	Italian
Japanese	JPN	Japanese
Korean	KOR	Korean
Nakota (Dakota)	DAK	Dakota
Dutch	DUT	Dutch; Flemish
Other	UND	Undetermined
Polish	POL	Polish
Portuguese	POR	Portuguese
Punjabi	PAN	Panjabi; Punjabi
Russian	RUS	Russian
Spanish	SPA	Spanish; Castilian
Swedish	SWE	Swedish
Saulteaux (Ojibwa)	OJI	Ojibwa
Tigrinian (Tigrinya)	TIR	Tigrinya
Tsuu T'ina	NAI	North American Indian languages
Ukrainian	UKR	Ukrainian
Urdu	URD	Urdu
Vietnamese	VIE	Vietnamese

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6.9   Course Override School business scenarios

Although this can be viewed as instances where "7999" is used in the CourseOverrideSchool element, it also a list of scenarios where Alberta Education is not the organization facilitating the course, or the course is was not taken in an Alberta Accredited School and the credits awarded are due to an Evaluation.

6.9.1   Scenarios

- Student has requested school information not to be shared. All of the override schools identified on courses in the high school transcript will have an identifier of "7999".

- The student's official mark is based on a GED Exam Mark. Although the student writes the exam hosted by GED.COM, the organization is "Alberta Education"/"7999".
    - Course will be in the AcademicSession
    - Course.CourseCreditBasis = CreditByExam
    - Course.AgencyCourseID = GED Course Code
    - Course.CourseAcademicGrade will have a value

- The student's official mark is 100% based on a Diploma Exam Mark. This happens when the student has achieved Mature Student Status. Since there is no school where the exam mark was achieved the organization is "Alberta Education"/"7999".
    - Course will be in the AcademicSession
    - Course.AgencyCourseID will be for a diploma course
    - Course.CourseAcademicGrade will have a value
    - Only one Course.CourseSupplementalAcadmicGrade.CourseSupplementalGrade
    - CourseSupplementalGrade.SupplementalGradeCode = "ExamGrade"

- Course has a diploma exam mark but is missing school mark. In this case, the student wrote the exam but has not yet completed the school portion. Same situation as above.
    - Course.CourseCreditUnits will be missing (aka null)
    - Course.CourseAcademicGrade will be missing (aka null)
    - Only one Course.CourseSupplementalAcadmicGrade.CourseSupplementalGrade
    - CourseSupplementalGrade.SupplementalGradeCode = "ExamGrade"
    - Course.UserDefinedExtensions.EndNote.EndNoteType = MissingMark

- Additional Credit due to an evaluation from a non-Alberta accredited schools. This includes Evaluations of every shape and size and all scenarios where the course work was not completed in an Alberta Accredited School.
    - Course is not in a AcademicSession
    - Course.CourseCreditBasis = HighSchoolTransferCredit
    - Course.UserDefinedExtensions.StudentHasSupportingInformation = true