131 Student Educational Record (Transcript) Acknowledgment

Functional Group=AK

This Draft Standard for Trial Use contains the format and establishes the data contents of the Student Educational Record (Transcript) Acknowledgment Transaction Set (131) for use within the context of an Electronic Data Interchange (EDI) environment.

The Student Educational Record (Transcript) Acknowledgment record is used to ensure that the original transcript did, in fact, come from the proper office at the educational institution indicated as the sender and that certain key elements of the transcript were received as they were sent. It also provides the sending institution with confirmation that the original record was received by the intended recipient and the date it was received. This information may then be relayed to the student or other individual who requested the record transfer.

Heading (Table 1):

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
010	ST	Transaction Set Header	M	1			Must use	2
020	BGN	Beginning Segment	M	1			Must use	3
030	N1	Name (Sending/Receiving Institution)	M	2		N1/030	Must use	5
040	REF	Reference Identification	M	2		N1/040	Must use	7
050	QTY	Quantity (Number of CRS and DEG Segments)	M	2		N1/050	Must use	9
060	SUM	Academic Summary	O	1		N1/060	Used	10
070	IN2	Individual Name Structure Components	M	1		N1/070	Must use	14
080	SE	Transaction Set Trailer	M	1			Must use	15

Notes:

1/030   The N1 segments identify the sending and receiving institutions.
1/040   The REF segments include the student number in the REF segment and the transaction set reference number in the BGN segment of the original transaction set being referenced.
1/050   The QTY segments include the number of CRS and DEG segments in the original transaction set being referenced.
1/060   The SUM segment is the same as the last SUM segment in Table 1 of the original transaction set being referenced.
1/070   The IN2 segment is the first occurrence of the IN2 segment of the original transaction set being referenced.

ST Transaction Set Header

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elems: 2</td></tr>
</table>

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	**143**	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code NAME** 131 Student Educational Record (Transcript) Acknowledgment	**M**	**ID**	**3/3**	**Must use**
ST02	**329**	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **Note to User:** This is the identifying control number assigned and maintained by the sender of the transaction set. This value is assigned by the sender in such a way that it is unique to the transaction being sent. This value must match that in data element SE02. It should be returned in AK202 of TS997 (Functional Acknowledgment).	**M**	**AN**	**4/9**	**Must use**

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BGN   Beginning Segment

To indicate the beginning of a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code NAME** 06 Confirmation 18 Reissue	M	ID	2/2	Must use
BGN02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Note to User:** The acknowledgment process for the TS130 requires that this value be the same as the ST02/SE02 Transaction Set Control Number of the TS130 which is being acknowledged. Therefore, in this context, the data must have a minimum length of 4 and a maximum length of 9 characters.	M	AN	1/30	Must use
BGN03	373	**Date** **Description:** Date expressed as CCYYMMDD **Note to User:** This indicates the date this transaction was originated by the sender.	M	DT	8/8	Must use
BGN04	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) **Note to User:** This is the time the transaction was originated by the sender.	X	TM	4/8	Used
BGN05	623	**Time Code** **Description:** Code identifying the time. **Note to User:** This indicates the time zone or type of time in BGN04. **Code NAME** AD Alaska Daylight Time AS Alaska Standard Time AT Alaska Time CD Central Daylight Time CS Central Standard Time CT Central Time ED Eastern Daylight Time ES Eastern Standard Time ET Eastern Time GM Greenwich Mean Time	O	ID	2/2	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		HD Hawaii-Aleutian Daylight Time HS Hawaii-Aleutian Standard Time HT Hawaii-Aleutian Time LT Local Time MD Mountain Daylight Time MS Mountain Standard Time MT Mountain Time ND Newfoundland Daylight Time NS Newfoundland Standard Time NT Newfoundland Time PD Pacific Daylight Time PS Pacific Standard Time PT Pacific Time TD Atlantic Daylight Time TS Atlantic Standard Time TT Atlantic Time UT Universal Time Coordinate				
BGN06	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/30	Not used
BGN07	640	**Transaction Type Code** **Description:** Code specifying the type of transaction	O	ID	2/2	Not used
BGN08	306	**Action Code** **Description:** Code indicating type of action	O	ID	1/2	Not used
BGN09	786	**Security Level Code** **Description:** Code indicating the level of confidentiality assigned by the sender to the information following	O	ID	2/2	Not used

Syntax:

C0504 -- If BGN05 is present, then BGN04 is required.

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.
5. BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

N1 Name (Sending/Receiving Institution)

Pos: 030 Max: 2
Heading - Mandatory
Loop: N/A Elems: 6

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	**98**	**Entity Identifier Code (Type of Sender or Receiver)** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code NAME** AS Postsecondary Education Sender AT Postsecondary Education Recipient KR Pre-kindergarten to Grade 12 Recipient KS Pre-kindergarten to Grade 12 Sender	**M**	**ID**	**2/3**	**Must use**
N102	**93**	**Name (Institution Name)** **Description:** Free-form name **Note to User:** This is the free-form name of the institution or agency as commonly used. The N102 data element may be augmented by N2 data segments if the free-form name exceeds 60 characters. This information is redundant if valid codes are sent in N103 and N104.	**X**	**AN**	**1/60**	**Used**
N103	**66**	**Identification Code Qualifier (Institution Code Qualifier)** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Note to User:** A crosswalk table for code sets 71, 72, 73, 74, CB and CS is available on diskette from AACRAO at (202) 293-7383. **Code NAME** 71 Integrated Postsecondary Education Data System (IPEDS) set of codes maintained by the U.S. Department of Education's National Center of Education Statistics 72 The College Board's Admission Testing Program (ATP) 73 Federal Interagency Commission on Education (FICE) number. Available from the United States Department of Education 74 American College Testing (ACT) list of postsecondary educational institutions. 77 National Center for Education Statistics (NCES) Common Core of Data (CCD) number for PreK - 12 institutions 78 The College Board and ACT 6 digit code list of secondary educational institutions CB Statistics Canada Canadian College Student Information System Institution Codes CS Statistics Canada University Student Information System University Codes	**X**	**ID**	**1/2**	**Used**
N104	**67**	**Identification Code (Institution Code)** **Description:** Code identifying a party or other code **Note to User:** This is the institution code from the code set identified in N103.	**X**	**AN**	**2/80**	**Used**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N105	706	**Entity Relationship Code** **Description:** Code describing entity relationship	**O**	**ID**	**2/2**	**Not used**
N106	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual	**O**	**ID**	**2/3**	**Not used**

Syntax:

R0203 -- At least one of N102 or N103 is required.P0304 -- If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Note to User:

One iteration of the N1 segment describes the sender of this transaction set and the other describes the receiver. In each case it is recommended that N103 and N104 be used to identify the institution. If this is not possible, N102 is available for the free-form name of the institution.

REF Reference Identification

<table>
<tr><td>Pos: 040</td><td>Max: 2</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elems: 4</td></tr>
</table>

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	**128**	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Note to User:** This code identifies the type of student identification number being transmitted in REF02. **Code NAME** 28 Employee Identification Number 30 United States Government Visa Number 48 Agency's Student Number. This is the number assigned by an agency other than the institution sending the record. 49 Family Unit Number 4A Personal Identification Number (PIN) 50 State Student Identification Number 56 Corrected Social Security Number 57 Prior Incorrect Social Security Number C0 Canadian Social Insurance Number F8 Original Reference Number LR Local Student Identification Number MV Migrant Number SY Social Security Number	M	ID	2/3	**Must use**
REF02	**127**	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Note to User:** This is one of two numbers: (1) the original Reference Identification, BGN02, of the TS130 being acknowledged, or (2) the Reference Identification (REF02) from the first REF segment identifying the student as it was received in the TS130 being acknowledged.	X	AN	1/30	**Used**
REF03	**352**	**Description** **Description:** A free-form description to clarify the related data elements and their content **Note to User:** This is a free-form text description of the student identification number as may be necessary for clarification or positive identification.	X	AN	1/80	**Used**
REF04	**C040**	**Reference Identifier** **Description:** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		**Not used**

Syntax:

R0203 -- At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Note to User:

Both occurrences of the REF segment reflect data received in the TS130 being acknowledged. One occurrence of the REF segment returns the value received in the BGN02 as the Original Reference Number (REF01='F8'). The other occurrence must be an exact duplicate of the first REF segment identifying the student (TS130 position 1/040) as it was received (exclusive of element and segment separators).

If the TS130 was itself a response to a TS146, then it is possible for both occurrences of the REF segments in the TS131 to contain the same data. The sender of the TS131 should still send both REF segments.

QTY Quantity (Number of CRS and DEG Segments)

Pos: 050   Max: 2
Heading - Mandatory
Loop: N/A   Elems: 4

To specify quantity information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
QTY01	673	**Quantity Qualifier (Type of Segment)** **Description:** Code specifying the type of quantity **Code NAME** E1 Course Segments E2 Degree Segments	M	ID	2/2	Must use
QTY02	380	**Quantity (Segments Count)** **Description:** Numeric value of quantity **Note to User:** This is the count of the number of segments (either course - CRS or degree-DEG, as specified in the previous data element) in the transcript Transaction Set 130 that was received. If the Transaction Set had no segments of that specified type, the value of this element would be "0".	M	R	1/15	Must use
QTY03	C001	**Composite Unit of Measure** **Description:** To identify a composite unit of measure(See Figures Appendix for examples of use)	O	Comp		Not used
QTY04	61	**Free-Form Message** **Description:** Free-form information	X	AN	1/30	Not used

Syntax:

R0204 -- At least one of QTY02 or QTY04 is required.E0204 -- Only one of QTY02 or QTY04 may be present.

Semantics:

1.   QTY04 is used when the quantity is non-numeric.

Comments:

This segment is used to specify the number of CRS segments and DEG segments that were in the transaction set 130 received.

Note to User:

This segment is used to specify the number of CRS segments and DEG segments that were in the transaction set 130 received

SUM Academic Summary

Pos: 060 **Max: 1**
Heading - Optional
Loop: N/A **Elems: 18**

To provide summary information for an academic session, a postsecondary degree, or for the entire student academic record

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SUM01	1141	**Academic Credit Type Code**	X	ID	1/1	Used

Description: Code indicating the type of credit used (awarded) by the sending institution

Code	NAME
A	Adult Credits
C	Continuing Education Unit
G	Carnegie Units
N	No Credit
Q	Quarter Hour Credit
S	Semester Hour Credit
U	Units
V	Vocational Credits
X	Other Type of Credit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SUM02	1142	**Academic Grade or Course Level Code**	O	ID	1/2	Used

Description: Code indicating the level or type or both, of work which is reflected in the grade average and the credit hours

Code	NAME
1	Remedial
2	Basic
3	Teacher's Aide
4	General
5	Applied
6	Survey
7	Regular
8	Specialized Topics
9	Advanced
10	Honors
11	Gifted and Talented
12	Advanced Placement
13	Special Education
14	Vocational Education
15	Independent Study
16	Work Experience
17	Adult Basic
18	Adult Secondary
19	International Baccalaureate
A	Summary of all courses taken at all institutions
AR	Academic Renewal
B	Summary of all courses taken at sending institution
D	Dual Level (Upper Division and Graduate)
DL	Dual Level (Graduate and Professional)
E	Summary of All Courses Taken at All Institutions, Excluding Repeated and/or Forgiven Courses
F	Summary of All Courses Taken at the Sending Institution, Excluding Repeated and/or Forgiven Courses
G	Graduate (postsecondary)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		H Higher or Upper division (postsecondary) I Institutional Credit L Lower division (postsecondary) M Work in the Major or Program P Professional R Remedial (postsecondary) T Summary of Transfer Work Only U Undergraduate (postsecondary) V Summary of Transfer Work Only, Excluding Repeated and/or Forgiven Courses				

SUM03	1073	**Yes/No Condition or Response Code (Cumulative Summary Indicator)**
		Description: Code indicating a Yes or No condition or response
		    Code NAME
		    Y Yes
		         Description: This is a summary of all work included on the
		         record.
			O	ID	1/1	Used

SUM04	380	**Quantity (Academic Credit Hours Included in GPA)** **Description:** Numeric value of quantity **Note to User:** This is the total number of credits (credit hours) included in the grade point average for this particular summary. Obviously, all credits would be included if the student earned traditional passing or failing grades. To include or not to include would reflect the policy of the institution sending the transcript. If this element is sent, then SUM01 must be sent.	O	R	1/15	Used
SUM05	380	**Quantity (Academic Credit Hours Attempted or Paid For)** **Description:** Numeric value of quantity **Note to User:** This is the total number of credits (credit hours) included on the record for this particular summary. This would normally be all credits for which the student paid, whether or not the credits were used to calculate the grade point average. If this element is sent, then SUM01 must be sent.	O	R	1/15	Used
SUM06	380	**Quantity (Academic Credit Hours Earned)** **Description:** Numeric value of quantity **Note to User:** This is the total number of credits (credit hours) attempted and earned and included in this summary.	O	R	1/15	Used
SUM07	740	**Range Minimum (Lowest Possible Grade Point Average)** **Description:** The value specifying the minimum of the measurement range **Note to User:** This is the lowest possible grade point average (GPA) that a student could obtain on the institution's grading scale. For example, on the typical, traditional 4.0 scale, this would be 0. However, on some scales this could be a negative number, such as -1. This field must be included if that default assumption is not accurate. The "R" data type	X	R	1/20	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		indicates that the decimal should be included unless the value is a whole number.				
SUM08	741	**Range Maximum (Highest Possible Grade Point Average)** **Description:** The value specifying the maximum of the measurement range **Note to User:** This is the highest possible grade point average (GPA) that a student could obtain on the institution's grading scale for a regular course under normal conditions. For example, on the typical, traditional 4.0 scale, this would be 4. On some scales this might be 3, or 100, or 4.5. Some institutions have a policy that will allow a weighted grade for an honors course. This should be indicated in SUM10.	X	R	1/20	Used
SUM09	1144	**Academic Grade Point Average** **Description:** The grade point average of a student	O	R	1/6	Used
SUM10	1073	**Yes/No Condition or Response Code (Excessive GPA Indicator)** **Description:** Code indicating a Yes or No condition or response **Note to User:** This indicates that an A+ grade has a value higher than the highest possible GPA. **Code NAME** N No Description: It is not possible to have a higher GPA than indicated in SUM08. Y Yes Description: It is possible to have a higher GPA than indicated in SUM08.	O	ID	1/1	Used
SUM11	1145	**Class Rank** **Description:** This is a student's numerical class rank with the highest student in the class having a rank or position of 1	O	N0	1/4	Used
SUM12	380	**Quantity (Total Number of Students in Class)** **Description:** Numeric value of quantity **Note to User:** This is the total number of students in the class to help position the student's rank.	O	R	1/15	Used
SUM13	1250	**Date Time Period Format Qualifier (Format for Date of Class Ranking)** **Description:** Code indicating the date format, time format, or date and time format **Code NAME** CM Date in Format CCYYMM CY Year Expressed in Format CCYY D8 Date Expressed in Format CCYYMMDD DB Date Expressed in Format MMDDCCYY	X	ID	2/3	Used
SUM14	1251	**Date Time Period (Date of Class Ranking)** **Description:** Expression of a date, a time, or range of dates, times or dates and times.	X	AN	1/35	Used
SUM15	607	**Number of Days (Days Attended)**	O	N0	1/3	K12 Only

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Count of Days				
SUM16	380	**Quantity (Days Absent)** **Description:** Numeric value of quantity	O	R	1/15	K12 Only
SUM17	380	**Quantity (Quality Points Used to Calculate GPA)** **Description:** Numeric value of quantity	O	R	1/15	Used
SUM18	1558	**Academic Summary Source** **Description:** Code used to indicate the source of the summary data	O	ID	1/1	Not used

Syntax:

C0401-- If SUM04 is present, then SUM01 is required.

C0501-- If SUM05 is present, then SUM01 is required.

C0601-- If SUM06 is present, then SUM01 is required.

P0708-- If either SUM07 or SUM08 is present, then the other is required.

P1314-- If either SUM13 or SUM14 is present, then the other is required.

Semantics:

1. SUM03 indicates if this is a summary for entire record up to that point in time. A "Y" indicates that this is a cumulative summary of the academic record up to that point; an "N" indicates that this is not a cumulative summary, but is a session.
2. SUM04 refers to credits used to compute grade point average.
3. SUM05 refers to credits attempted.
4. SUM06 refers to credits earned.
5. SUM07 and SUM08 are the lowest and highest, respectively, grade point averages possible under normal conditions
6. SUM10 indicates if it is possible to have a grade point average higher than the maximum range. A "Y" indicates that it is possible to have a grade point average higher than the maximum range; an "N" indicates that it is not possible.
7. SUM11 refers to the student's position or rank in the class, while SUM12 refers to the total number in the class.
8. SUM14 refers to the date of the class ranking.
9. SUM15 is the days attended.
10. SUM16 is the days absent.
11. SUM17 indicates quality points used to compute the student's grade point average.

Note to User:

This SUM segment should be an exact duplicate (exclusive of elements and segment separators) of the last SUM segment in the Table 1-Heading Section of the received TS130. If none was received, then this segment should not be sent.

IN2 Individual Name Structure Components

Pos: 070	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elems: 2**

To sequence individual name components for maximum specificity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IN201	**1104**	**Name Component Qualifier**	**M**	**ID**	**2/2**	**Must use**
		Description: Code identifying the type of name component				
		Code **NAME**				
		01 Prefix				
		02 First Name				
		03 First Middle Name				
		04 Second Middle Name				
		05 Last Name				
		06 First Initial				
		07 First Middle Initial				
		08 Second Middle Initial				
		09 Suffix				
		12 Combined (Unstructured) Name				
		14 Name of an agency				
		15 Maiden or former name				
		16 Composite name (used if the name cannot be broken into separate parts				
		17 Middle Names				
		18 Preferred First Name or Nickname				
		22 Organization Name				
IN202	**93**	**Name**	**M**	**AN**	**1/60**	**Must use**
		Description: Free-form name				

Semantics:

1. IN201 defines the component of a structured name.

Note to User:

This IN2 segment should be an exact duplicate (exclusive of elements and segment separators) of the first IN2 segment of the received TS130.

SE   Transaction Set Trailer

Pos: 080	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elems: 2**

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	**96**	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	**M**	**N0**	**1/10**	**Must use**
SE02	**329**	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **Note to User:** This should contain the same value as that transmitted in ST02.	**M**	**AN**	**4/9**	**Must use**

Comments:

1.   SE is the last segment of each transaction set.