SPEEDE 101

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AGENDA

• What is SPEEDE
• Getting Started
• Delivery Options
• EDI Layout
• Texas Specific Requirements
• Questions?
WHAT IS SPEEDE?

• SPEEDE format vs. the SPEEDE server
• Standardization of Postsecondary Education Electronic Data Exchange.
• ANSI ASC X12 Transaction Set TS130
  • Format for EDI exchange of transcripts.
  • Coded and delimited to allow unambiguous interpretation by a recipient’s computer.
• AACRAO Committee
• THECB rules
• Movement by colleges to automate handling of applications, transcripts, and test scores.
• TREx Transcripts
ADVANTAGES OF SPEEDE

• Better service to your students
  • Avoids USPS and “the Mail Room”
  • Faster delivery - More secure (tamper-proof)
  • Eliminates postage, paper, envelopes ($$$)

• Possible elimination of data entry by receiving institution – supports automation

• It’s expected of Texas public colleges
  • Per THECB rules (by Sept 2000)
GETTING STARTED

- Requirements
- Register with SPEEDE
- Recommended Implementation Practices for SPEEDE (RIPS)
- SPEEDE FAQs
- Quick ‘n’ Easy (QNE) Utility
WHAT IS MEANT BY “ELECTRONIC” TRANSCRIPTS

• THECB rule is for sending and receiving in the SPEEDE format.

• PDF transcripts definitely have their niche (see AACRAO white paper), but do not satisfy the Rule for public institutions.

• Even if a school is not sending SPEEDE, PDF should not be sent to schools without verifying their willingness to receive them.
DELIVERY OPTIONS

• Pull vs. push methods of sending and receiving transcripts
• PGP encryption option
• Email to receive inquiries and notifications
REGISTER WITH SPEEDE

• [https://speedeserver.org/register/](https://speedeserver.org/register/)

• Enter your school’s OPEID Code, name, state

• Enter contact name, phone number, email address

• Choose delivery time range preferences

• Set up SFTP account
• Recommended Implementation Practices for SPEEDE
• [http://www.pesc.org/pesc-approved-standards.html](http://www.pesc.org/pesc-approved-standards.html)
  • Introduction and Acknowledgments
  • Data to Include in SPEEDE Transcripts
  • Conventions for Representing Data
  • Other Conventions
  • Appendices
SPEEDE FAQs

• Can we receive files as soon as they are transmitted to the server?
• Are there naming conventions for files dropped off on the server?
• What is the naming convention for files delivered from the server via FTP?
• Can the server deliver files to a GDG (Generation Data Group)?
• Can the server deliver SPEEDE and ExPRESS files separately?
• Can we change our registration information?
• Will we be notified when data is delivered to our institution?
• What IP address needs to be whitelisted to receive files from the SPEEDE Server?
• How can I separate test files from production files?
• How do I get the PGP software?
• What about SSH?
PROCESS WORKFLOW

• School ABC prepares ANSI ASC X12 compliant files with proper ISA envelopes
  • Sends file to National Student Clearing House
  • Either sends via SFTP or drops off on NSC web site
• School XYZ receives file from National Student Clearing House
  • Either file is delivered via SFTP or school picks up off NSC web site
• Process file through Acknowledgement, Translation, and Processing routine
  • Q NE
  • EDI Smart
  • Home Grown scripts
  • Other vendor products such as PeopleSoft, Banner, Jenzabar.
This page is a table showing the layout and structure of the Student Educational Record (Transcript) transaction set for EDI implementation. The table outlines various segments and their respective fields, requirements, and usage notes. The footer indicates that the document was last revised in May 2009.
**Reference Identification (Student Identification Numbers)**

To specify identifying information.

**Element Summary:**

<table>
<thead>
<tr>
<th>Ref</th>
<th>M</th>
<th>Element Name</th>
<th>Req</th>
<th>Type</th>
<th>Min/Max</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF01</td>
<td>ID</td>
<td>Reference Identification Qualifier</td>
<td>M</td>
<td>ID</td>
<td>1/0</td>
<td>Unused</td>
</tr>
</tbody>
</table>
|      |    | Description: Code qualifying the Reference Identification Qualifier Note to User: This code identifies the type of student identification number being transmitted in REF00. At most locales, this is the "student number" reflected in the database of the sending institution. Identifications of individuals other than the student shall be included in the EN1 segment at position 01/02. If the TS 130 is in response to a TS 146 and the value in REF01 is the same value received in the BG00 or of last TS 146, REF01 would be "ID". 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 Connected Social Security Number 77 Pre-Incorrect Social Security Number CO Canadian Social Security Number FE Original Reference Number LS Local Student Identification Number MT Migrant Number 7V Social Security Number

| REF02 | X | Reference Identification | X   | AN   | 1/30   | Used |
|       |    | Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Note to User: If the TS 130 is in response to a TS 146, this value may be the same value received in the BG00 or of last TS 146. In such a case, REF02 would be "ID". |

| REF03 | X | Description: A free form description to clarify the element data elements and their content Note to User: This is a free form text description of the student identification number if necessary for clarification or positive identification. |

| REF04 | G | Reference Identifier | O   | Comp | Not used |
|       |    | Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier |
EDILEGMENTS USED FOR TEXAS REQUIREMENTS

- RAP – Requirements, Attributes, Proficiencies – with header section or course, uses 9TX to point to TX.
- NTE – free form note – with header, course, more. Uses 9TX.
- ERP – educational record purpose
- TST – test results. Uses 9TX, plus 99999 for user-defined (via text) test name.
- SBT – subtest, with actual scores
SB1231 TRANSCRIPT
CONVENTIONS FOR 6-DROP RULE

• Appendix J (p58).
• RAP Segment in header section of the TS130 ANSI ASC X12 EDI transcript:
  • RAP/9TX/SB1231/Dropcount=nn/A/
  • Example    RAP/9TX/SB1231/Dropcount=03/A
TSI CONVENTIONS

• RAP/9TX/TSIA LL/ R=ExemptOtherInst=3652/ A//CM/19980901|

• With NTE/TSIA LL exempted at Univ. of Houston|

• A student with different results or reasons might have:
  RAP/9TX/TSIMATH/C=Complete=TASP/R/Y/CM/199703|
  RAP/9TX/TSI READ/I=NotComplete/R/N/CM/199609|
  RAP/9TX/TSIWRIT/B=CompleteCoursework/R/Y/CM/199706|
REVERSE ARTICULATION AKA REVERSE TRANSCRIPT

- SB3025 requirement – universities send transcripts back to feeder JCCs.
- How to distinguish them from other transcripts?
- ERP02=B48 (sent at request of student) in most cases.

- For Reverse Articulation,
- We could use ERP02=B50 (requested record being sent), plus . . .
- NTE/RA=ReverseArticulationTranscript just before the double N1 loop identifying sender & recipient.
CORE CODES REPORTING

• Complete at our institution:
  • RAP/9TX/TXCORECURR/FULLCURRIC/R/Y!

• Completed Elsewhere:
  • RAP/9TX/TXCORECURR/FULLCURRIC/R/Y! (as before)
  • RAP/9TX/TXCORECURR/FULLATCODE: qq:nnnnnn!
  • RAP/9TX/TXCORECURR/FULLATNAME: xxxxxxx (up to 47 ) xxx!

• Where qq = inst. Code qualifier (72 for ATP, 73 for FICE and nnnnnn is the institution code using that qualifier.
  and ! is whatever end of segment character you use (defined in ISA segment in outer delivery envelope)
QUESTIONS?

- https://speedeserver.org/
- http://www.aacrao.org/about/committees/aacrao-speede-committee
- http://www.tacrao.org/
- https://www.applytexas.org/adappc/gen/c_start.WBX
- http://www.studentclearinghouse.org/