

California Electronic Transcript Standard – April 2012

CA Assembly Bill 1056 has directed the California Community College Chancellor's Office to implement a procedure to facilitate the electronic receipt and transmission of student transcripts by districts. The bill requires community colleges to convert from a paper-based transcript process to electronic transcripts. The bill requires transmission systems and protocols to satisfy certain criteria.

Mini Grant Requirements for the California Electronic Transcript Standard

As the California Community Colleges Chancellor's Office has established the California Electronic Transcript Standard that supports the intent of AB1056 by establishing a data format for transmitting California specific student transfer data (IGETC, General Education, District-wide Transcript support and SB1440 data elements), to qualify for an implementation mini grant, each college must be able to transmit and receive electronic transcripts containing this data. If the college employs a third party vendor other than eTranscript California, the transcript must be transmitted with these data elements.

Elements to be included for the California Electronic Transcript Standard

The CCC-ASCII and CCC-XML transcript data files used to upload transcripts within eTranscript California support the communication of CSU-GE, CSU-IGETC, UC-IGETC, SB-1440 data and District-wide Transcripts. XML, EDI, HTML, and PDF support the download or reception of transcripts with these same data elements. Details for this support can be found as follows:

CCC-ASCII – Mapping to support electronic transcript transmissions in CCC-ASCII can be found in the eTranscriptCA Data Dictionary <http://etranscriptca.org/file-repository/Support-Files/Data-Specifications/>. The CCC-ASCII format is the standard for CCCs sending transcripts via eTranscript California and is the simplest method to initiate the transmission. Mapping to support SB-1440 elements are included in the Data Dictionary 06A Degree / Certificate Segment. Receiving colleges will receive electronic transcripts and have the ability to download them in multiple formats (EDI, XML, HTML, and PDF). Mapping to support District-wide Transcripts is included in the Data Dictionary. About ten districts produce "district-wide transcripts" for their students. When a request for a student transcript is received for any one of the colleges in these districts, the central data services facility provides transcripts from all the colleges in that district. Link for eTranscriptCA District-wide Transcript requirement specification: <http://etranscriptca.org/file-repository/Support-Files/Data-Specifications/District-wide-Transcript-Spec/>

CCC-XML – Schema for California Community Colleges XML User Defined Extensions (UDE) can be found on the PESC website on the XML College Transcript page - http://www.pesc.org/interior.php?page_id=164. The Schema contains all additional elements for the California Transcript Standard except for the SB1440 which did not necessitate additions to the XML UDE Schema. All XML mapping details are available within the eTranscriptCA Data Dictionary <http://etranscriptca.org/file-repository/Support-Files/Data-Specifications/>. Mapping to support SB1440 elements are included in the Data Dictionary 06A Degree / Certificate Segment. Receiving colleges will receive electronic transcripts and have the ability to download them in multiple formats (EDI, XML, HTML, and PDF).

EDI (TS130 recipient) – In EDI such data should be carried in RAP segments. However, the EDI standard's relatively low limit on the quantity of RAP segments (10 in the header loop and 5 in the CRS loop) is insufficient for all of the possible GenEd data. Therefore, eTranscript California will map some of the GenEd data in RAP segments and the remainder in NTE segments. See Appendix B – D in the eTranscriptCA Data Dictionary <http://etranscriptca.org/file-repository/Support-Files/Data-Specifications/>. Details are located within the pages of the data dictionary for specific mappings. Mapping to support SB1440 elements in EDI output are included in the Data Dictionary 06A Degree / Certificate Segment.

Recent changes made to eTranscript California to support SB-1440 Transfer Degrees will be deployed Summer 2012 and have been summarized in a document called "eTranChanges-SB1440 Transfer Degrees" available from the website repository at <http://etranscriptca.org/file-repository/SB1440-eTranscriptCA-Support/>.