

**TRANSCRIPTS TABLE
DEFINITIONS AND CODES FOR DATA ELEMENTS
IN THE SBCTC DATA WAREHOUSE
11/16/06**

The Transcript table is updated quarterly by transcript data provided by the colleges through the quarterly process SR1280J. This process extracts transcript and related data from the college Transcript database (data sets TRANS-START-D, TRAN-CLASS-D, TRAN-DEGREE-D, and TRAN-REGR-D), TBL4 (data set GR-ATTR-D which contains the grade attribute table), and SM (data set COURSE-ASSGN-D which contains the CIP code and clock_hr_ind for a course) for any student enrolled in the current quarter or the eight previous quarters. The Transcript table contains data from Fall Quarter 1933-34 to the most current academic YRQ.

Cascadia College was added to the Data Warehouse starting in Fall Quarter, 2000. They also are present in Fall Quarter 1999 with student funded enrollments only.

Pierce was split into two colleges, Fort Steilacoom and Puyallup, in the Data Warehouse in Summer Quarter 2001

Records for non-graded courses, repeated courses, and classes not yet graded are not included in the transcripts table. These records are stored in the Data Warehouse Stuclass_Grade_CRF table.

Each row in the TRANSCRIPT table is uniquely identified by a combination of DW_KEY, COLLEGE, YEAR, QUARTER, ITEM, DEPT_DIV, and COURSE_NUM. Year, Quarter, College and DW_KEY represent an Enrolled Student in a given year and quarter at a particular college. Item, Dept_div, and Course_num identify the course for which the student has been graded.

DW_KEY **Data Type:** text
Size: 10
Allow Null: No
Definition: A unique identifier assigned to each student upon first contact with the community and technical college system. The identifier is retained by the person throughout their association with the system and is uniform across all student related tables in the SBCTC Data Warehouse. DW_KEY is based on social security number. If the social security number is not present, then DW_KEY is based on SID.

SID **Data Type:** text
Size: 9
Allow Null: Yes
Definition: A nine-character field used to uniquely identify a student. This identifier is assigned by the college SM system.

History: The SID was added to the college system and the Data Warehouse in Summer of 2002.

COLLEGE **Data Type:** text
Size: 3
Allow Null: No
Definition: A three-digit code used to identify each community or technical college in the state of Washington. College codes begin with the two-digit district code.

TRANSCRIPT DATA ELEMENTS

Valid Codes:

010	PENINSULA	150	WENATCHEE VALLEY
020	GRAYS HARBOR	160	YAKIMA VALLEY
030	OLYMPIC	170	SPOKANE A DISTRICT
040	SKAGIT VALLEY	171	SPOKANE COMMUNITY
050	EVERETT	172	SPOKANE FALLS
060	SEATTLE A DISTRICT	180	BIG BEND
062	SEATTLE CENTRAL	190	COLUMBIA BASIN
063	SEATTLE NORTH	200	WALLA WALLA
064	SEATTLE SOUTH	210	WHATCOM
065	SEATTLE OC INSTITUTE	220	TACOMA
070	SHORELINE	230	EDMONDS
080	BELLEVUE	240	SOUTH PUGET SOUND
090	HIGHLINE	250	BELLINGHAM
100	GREEN RIVER	260	LAKE WASHINGTON
110	PIERCE DISTRICT	270	RENTON
111	PIERCE / STEILACOOM	280	BATES
112	PIERCE / PUYALLUP	290	CLOVER PARK
121	CENTRALIA	300	CASCADIA
130	LOWER COLUMBIA		
140	CLARK		

YEAR

Data Type: text

Size: 3

Allow Null: No

Definition: A three-character field identifying the academic year of the enrollment. The academic year begins with Summer Quarter and ends with Spring Quarter.

Examples of Valid Codes:

989	1998-1999
990	1999-2000
A01	2000-2001
A12	2001-2002
A23	2002-2003

QUARTER

Data Type: text

Size: 1

Allow Null: No

Definition: A one-character code identifying the specific quarter of the enrollment.

Valid codes:

- 1 Summer
- 2 Fall
- 3 Winter
- 4 Spring

TRANSCRIPT DATA ELEMENTS

ITEM	<p>Data Type: text Size: 4 Allow Null: No Definition: A four character code which is unique to the course during a given quarter.</p>
DEPT_DIV	<p>Data Type: text Size: 5 Allow Null: Yes Definition: A five character field representing the assigned course division or department. There is no common coding for the system. Math may be represented as MAT at one college and MATH at another.</p>
COURSE_NUM	<p>Data Type: text Size: 4 Allow Null: Yes Definition: This is a three digit number assigned to a particular course. Courses numbered 100 or over are college level courses. Most courses numbered under 100 are pre-college courses. Courses numbered 100 or 200 are generally transferable.</p>
CIP	<p>Data Type: text Size: 6 Allow Null: Yes Definition: A six character code representing the Classification of Instructional Programs. Every course has a CIP code which places it into a subject area with other similar courses. The federal government issues CIP codes. They do make periodic changes. A subject may have a different code in past years than today. See the Course Coding Manual, the TBL3 data set CIP-M, or the data warehouse table DW_REF_ENR_CIP for a listing of codes. It is a good idea to keep a copy of the old codes when the Course Coding Manual is updated.</p> <p>If the CIP code is not supplied on the record, it is obtained from the CLASS table for the given ITEM number.</p> <p>History: There was a major change in coding beginning in academic year 1996-97, including changes related to basic skills and developmental course coding. Basic skills codes for ABE and ESL were again changed in academic year 1998-99. The CIP was updated to the CIP 2000 version in 2002-03.</p> <p>Prior to Fall 2002, Developmental Math = 320104, 330101 and Developmental English = 320103, 320108, 330102, 330103, 330104</p> <p>Examples of Use: CIP codes used to identify College-Level and Developmental courses: College-Level Math = 270101, 279998 College-Level English = 230101, 230401, 239998 Developmental Math = 330101 Developmental English = 330102, 330103, 330104</p>

TRANSCRIPT DATA ELEMENTS

CLOCK_HR_IND	<p>Data Type: text Size: 1 Allow Null: Yes Definition: A one character field that indicates whether a course's hours are based on clock hours. Used by the technical colleges only.</p> <p>Valid codes: Y Use clock hours N Do not use clock hours</p>
CLVL_IND	<p>Data Type: text Size: 1 Allow Null: No Definition: A one character code indicating whether or not a course is college level based on the course number. All technical college program requirements are assumed to be college level.</p> <p>Valid codes: Y Course number >= 100 N Course number < 100</p>
COURSE_FLAG	<p>Data Type: text Size: 1 Allow Null: Yes Definition: A one character code indicating whether or not a class is intermediate algebra offered prior to 1998-99 as a college level course. Until the 1998-99 academic year, students could take intermediate algebra as a college level class. Most colleges offered this course under CIP 270101.</p> <p>For records dated 1997-98 or before, if the CIP = 270101 and the course title is like "*INT*ALG*" or like "*ALG*INT*", then the COURSE_FLAG is set to "Y", the CIP is set to 330101 and the CLVL_IND is set to "N".</p>
COURSE_TITLE	<p>Data Type: text Size: 24 Allow Nulls: Yes Definition: The course title assigned by the college</p>
CR	<p>Data Type: decimal Precision: 5 Scale: 1 Allow Nulls: Yes Definition: The number of enrolled credits for a specific class. For technical colleges, if the CLOCK_HR_IND is equal to "Y" and the CR value is 0, the CR value is calculated based on the value of ENR_HR and YEAR.</p> <p>History: Prior to year 967, CR = ENR_HR/20. From 967 forward, the calculation is CR = ENR_HR/16.5. To select only earned credits, then use the EARN_IND where it equals "Y".</p>

TRANSCRIPT DATA ELEMENTS

CR_IND

Data Type: text

Size: 1

Allow Nulls: Yes

Definition: A one character field used to identify courses to be used in grade or credit analysis. Repeated courses and classes not yet graded are set to "F" and are not included in the transcripts table. The records that are set to "F" are stored in the TRANSCRIPTS_CRF table.

Source: This value is set based upon the GR_QLFR field in TRANSCRIPTS. This data element is set to "F" if the GR_QLFR field = "R" or the second character of SECT_STAT = "A" or "C". For technical colleges, the CR_IND is also set to = "F" for In-Progress grades (GR = "I?" or GR_QLFR = "I?").

All Tech Prep (SECT = T#P) are given a CR_IND = "T".

Valid codes:

T	Attempted Credits (community and technical colleges)
R	Program requirement credits <u>for technical colleges only</u> (credits are not included in attempted totals but are included in earned totals where the EARN_IND = "Y")

Examples of Use: When calculating Attempted Credits, CR_IND = "T"
When calculating Earned Credits, CR_IND = "T" or "R" and EARN_IND = "Y"

EARN_IND

Data Type: text

Size: 1

Allow Nulls: Yes

Definition: A one character code which indicates whether or not the credits for a class are included in the credits earned calculation.

Source: Letter grades are assigned a EARN_IND from the GR-ATTR-D table in TBL4. If the letter grade is blank, and the decimal grade is greater or equal to 0, then it is set to "Y".

Valid codes:

Y	Credits were earned
N	Credits were not earned

ENR_HR

Data Type: decimal

Precision: 5 **Scale:** 1

Allow Nulls: Yes

Definition: The number of clock hours for which a student is enrolled in a class.

TRANSCRIPT DATA ELEMENTS

GPA_IND	<p>Data Type: text Size: 1 Allow Nulls: Yes Definition: A one character code which indicates whether or not a grade should be used in the calculation of a student's grade point average.</p> <p>Source: Letter grades are assigned a GPA_IND from the GR-ATTR-D table in TBL4. If the letter grade is blank, and the decimal grade is greater than or equal to 0, the GPA_IND is set to "Y." The GPA_IND is set to "N" where the GR_QLFR = "*" (grade forgiveness).</p> <p>Valid codes:</p> <ul style="list-style-type: none">Y Include grade in gpa calculationN Do not include the grade in gpa calculation
GR	<p>Data Type: text Size: 1 Allow Nulls: Yes Definition: A two character field containing the letter grade earned by the student in the specific class section. Not all colleges use letter grading.</p>
GR_DEC	<p>Data Type: decimal Precision: 3 Scale: 1 Allow Nulls: Yes Definition: The decimal grade earned by the student for the specific class section.</p> <p>Source: Letter grades are converted to decimals to provide a calculated decimal grade. The decimal grade equivalents are obtained from the GR-ATTR-D data set found in the TBL4 database.</p>
GR_QLFR	<p>Data Type: text Size: 2 Allow Nulls: Yes Definition: A one character symbol that can be added to the student's grade to designate a specific condition.</p> <p>Valid codes:</p> <ul style="list-style-type: none">/ Suppress printing of course section on grading output# High school creditR Course was repeated (CR_IND = F)* Grade forgiveness (GPA_IND = N)I In-Process Grade (CR_IND = F)
REQR_DEPT_DIV	<p>Data Type: text Size: 5 Allow Nulls: Yes Definition: Department Division of the Technical Program of which the course is a requirement. If the REQR_DEPT_DIV and the REQR_COURSE_NUM equal the DEPT_DIV and COURSE NUM, then the record represents the student's enrollment in the program. The credits listed in this record are attempted credits only. The credits earned for this program will be contained in the records for the individual program requirements. These are the records where the REQR_DEPT_DIV and the REQR_COURSE_NUM do not equal the DEPT_DIV and COURSE NUM (CR_IND = "R").</p>

TRANSCRIPT DATA ELEMENTS

REQR_COURSE_NUM	Data Type: text Size: 4 Allow Nulls: Yes Definition: Course Number assigned to the Technical Program of which the course is a requirement.																				
SECT	Data Type: text Size: 4 Allow Nulls: Yes Definition: A three character field for identifying each section of the specific course. Examples of Use: Tech Prep student's are determined by SECT = "T#P"																				
SEC_STAT	Data Type: text Size: 4 Allow Nulls: Yes Definition: A four character field for identifying section status for the specific class.																				
VOC_IND	Data Type: text Size: 1 Allow Nulls: Yes Definition: A one character code which indicates whether or not the course is recognized as a vocational course. Source: VOC_IND is set to "Y" based on CIP code where the CIP_TYPE = "F" or "L" in the CIP Code table. The VOC_IND is set to "Y" for all technical college program requirements regardless of CIP code.																				
QTR_ADDED	Data Type: text Size: 4 Allow Nulls: Yes Definition: A four character code identifying the year and quarter of the source transcript record. This is the year and quarter when a record was first added to the SBCTC STUCLASS_GRADE table or the year and quarter the record was last processed.																				
YRQ	Data Type: text Size: 4 Allow Nulls: Yes Definition: A four-character field that represents the concatenation of the year and quarter. Examples of Valid Codes: <table><thead><tr><th>YRQ</th><th>Year</th><th>Quarter</th><th>Definition</th></tr></thead><tbody><tr><td>9891</td><td>989</td><td>1</td><td>Summer Quarter 1998</td></tr><tr><td>9902</td><td>990</td><td>2</td><td>Fall Quarter 1999</td></tr><tr><td>A013</td><td>A01</td><td>3</td><td>Winter Quarter 2000</td></tr><tr><td>A124</td><td>A12</td><td>4</td><td>Spring Quarter 2001</td></tr></tbody></table>	YRQ	Year	Quarter	Definition	9891	989	1	Summer Quarter 1998	9902	990	2	Fall Quarter 1999	A013	A01	3	Winter Quarter 2000	A124	A12	4	Spring Quarter 2001
YRQ	Year	Quarter	Definition																		
9891	989	1	Summer Quarter 1998																		
9902	990	2	Fall Quarter 1999																		
A013	A01	3	Winter Quarter 2000																		
A124	A12	4	Spring Quarter 2001																		