

DRAFT**CLASS WORDS**

Class words - A class word describes the type of data, i.e., the major classification of data associated with a data element. (U Michigan)

Class word - A class word is a business term noun that identifies the type of data or major classification to which an attribute or column belongs and thus increases the meaning of its name. (U Illinois)

Class Word - A word that describes the major classification or usage of data (e.g. date, name, code, number, etc.) (UC Davis)

Data element names contain a Class word which describes the type of data. Exceptions to using class words will be made if the common usage does not have a class word and the common usage is clearer. Below is the complete list of Class words for all elements in the warehouse regardless of subject area. (U Colorado)

Category - A specifically defined division or subset in a system of classification in which all items share the same concept of taxonomy. (U Arizona)

Category	Word	Definition/ Abbreviation								
		GILS	U Arizona	U Calif Davis	U Illinois	Indiana U	U Kansas	U Michigan	USDA	U Colorado
				Academic year (Fall through Summer)	Same categories					
CHRONOLOGY	Academic Year (AY)			Academic years elapsed						
CHRONOLOGY	Ays (AY_CNT)									
CHRONOLOGY	Date (Dt)	Calendar date	The notion of a specific period of time.	Calendar date, month, year and century (may include time)		X	A calendar day, month and year (including century)	A calendar day, month and year (including century). (<i>Employee Hire Date, Student Birth Date</i>)	The designation of a specific 24 hour period of time.	The point in time, stated in terms of day, month and year, at which something happened, existed or is to happen. Time part (hours, min, secs) may or may not be significant. If the time part is significant we now (14May2002) prefer the class word DTTM.
CHRONOLOGY	Day (Dy, Day)		X	Day of the week (Sun - Sat)		X		A day of the week. (<i>Course Meeting Day, Employee Work Day</i>)		
CHRONOLOGY	Day of Month (DD)			Calendar day (1 - 31)						
CHRONOLOGY	Days (DAY_CNT)			Days elapsed						
CHRONOLOGY	Fiscal Year (FY)			Fiscal year (July through June)						
CHRONOLOGY	FYs (FY_CNT)			Fiscal years elapsed						
CHRONOLOGY	Hour (HH)			Hour of the clock (1 - 24)						
CHRONOLOGY	Hours (HH_CNT)			Hours elapsed						
CHRONOLOGY	Minute (Min, Mn)		X	Minute of the clock (1 - 60)						
CHRONOLOGY	Minutes (Min)		X							
CHRONOLOGY	Minutes (MIN_CNT)			Minutes elapsed						
CHRONOLOGY	MM (MM)			Calendar month (1 - 12)						
CHRONOLOGY	Month (Mo, Mon, Mos)		X	Calendar month (Jan - Dec)		X		A calendar month in numeric form. (<i>Student Admitted Month, Account Budgeted Month</i>)		

Category	Word	Definition/ Abbreviation								
		GILS	U Arizona	U Calif Davis	U Illinois	Indiana U	U Kansas	U Michigan	USDA	U Colorado
CHRONOLOGY	Months (MON_CNT)			Months (may or may not be calendar) elapsed						
CHRONOLOGY	Prior_Year (PY)		X							
CHRONOLOGY	Quarter(x) (QTR(x))			Quarter. Replace x with a digit to identify the array Quarter 1...4. Does not refer to academic terms.						
CHRONOLOGY	Quarters (QTR_CNT)			Quarters elapsed						
CHRONOLOGY	Research Year (RY)			Federal funding year (October through September)						
CHRONOLOGY	Second (SS)			Second of the clock (1 - 60)						
CHRONOLOGY	Seconds (SS_CNT)			Seconds elapsed						
CHRONOLOGY	Term (Term)			Academic term, regardless of quarter, summer session, etc.						A number indicating the year and academic term. For example, 19977 or 977 represents Fall, 1997. Fall, spring and summer are coded by 7, 1 an d4 in the last character.
CHRONOLOGY	Terms (TRM_CNT)			Academic Terms elapsed						
CHRONOLOGY	Time (Tm)	Time of day or duration	A notion of a specified chronological point within a period.	Hours and minutes (may include seconds, etc.) (Use 24 hr clock or a.m./p.m. designation.)		X		Hours and minutes, may include seconds, hundredths of seconds, etc. (<i>Class Start Time, Last Update Time</i>).	A designatio of a specified chronological point within a period.	The point in time, stated in terms of hours, minutes and/or seconds, at which something has happened or is to happen.
CHRONOLOGY	Week (WK)			A value representing a specific week (numeric or start date)						
CHRONOLOGY	Weeks (WK_CNT)			Weeks elapsed						
CHRONOLOGY	Year (Yr, Yrs)		X	Twelve month calendar period		X	A four digit calendar year (including century)	A twelve month period. (<i>Student Registration, Account Fiscal Year</i>)		The year part of a date, where the month or day is not relevant, not stored or is not available.
CHRONOLOGY	Years (YR_CNT)			Years elapsed						
	YearTerm						A five digit code representing a calendar year and school term			

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		GILS	U Arizona	U Calif Davis	U Illinois	Indiana U	U Kansas	U Michigan		
	YYYYMM									Year and month together as 6 digits. Month must have leading zero when single digit. Example 200205 represents May, 2002.
MEASUREMENT	Amount (Am, Amt)	Monetary quantity.	A monetary value.	A quantity in monetary terms		X		A monetary value. (Student Aid Amount, Purchase Order Amount)	A monetary value. (Includes: average, balance deviation, factor, index, level, mean, mode, scale, and yield)	A measure or sum of some quantity in a given unit of measurement. May indicate an amount that has been accumulated over time, such as a balance amt, or may indicate activity, such as a transaction amount.
	Angle (ANG)								A rotation measurement between two lines and/or planes diverging from a common point and/or line. (Includes azimuth and heading)	
MEASUREMENT	Area (AREA, AR)			Numeric value representing surface area of something					The measurement of a surface expressed in unit squares (2 dimensional).	
MEASUREMENT	Average (Av, Avg)	Numeric value representing an arithmetic mean	X	The mean of two or more values		X	The mean value of two or more numbers	The mean of two or more numbers. (Student Grade Point Average).		
MEASUREMENT	Balance (Bl, Bal)			The net value of an account				The net value of an account. (Account Current Balance, Account Ending Balance)		A measure or sum of some quantity in a given unit of measurement. Indicates an amount that has been accumulated over time rather than a transaction amount.
	Coordinate (CN)								Designation of the location of a line or plane. (Includes: latitude and longitude)	

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		GILS	U Arizona	U Calif Davis	U Illinois	Indiana U	U Kansas	U Michigan			
MEASUREMENT	Count (Ct, Cnt)	Non-monetary numeric value arrived at by counting	X	Integer count of anything except money		X	A number of people or things other than money	A number of people or things other than money. (<i>Student Count, Building Count</i>).	The total number of individual entities involved in a given unit or sample.	The number of items which are of the same type. This is specifically used to keep track of how many of a particular kind of item exist.	
MEASUREMENT	Dimension (DIM) Feet (Ft)		X						A measured linear distance (1-dimensional). (Includes: altitude, depth, diameter, elevatoin, height, length, radius, vertex, and width.)		
MEASUREMENT	Grade (Gd, Grd)	X	X			X	A value assigned to reflect performance or a position on a scale	A value assigned to reflect performance or a position on a scale. (<i>Student Course Grade</i>)			
MEASUREMENT	Hours (Hr, Hrs)		X					A duration of time expressed in hours. (<i>Course Credit Hours, Employee Hours</i>)		A measure of time. An amount.	
MEASUREMENT	Level (LEV)			Value assigned to reflect position on a scale or rank. Also used to indicate floor level of a structure							
	Mass (MS)								The measure of inertia of a body		
MEASUREMENT	Measure (MEAS)	A record of dimensions, capacity or amount (non-monetary) of an object.		Numeric value representing height, width, length or distance							
MEASUREMENT	Percent (Pc, Pct, Pcnt)		X	Ratio between other data values expressed as a percentage		X		Part of a whole expressed in hundredths. (<i>Housing Revenue Percentage, Tuition Percentage</i>)	Per hundred, in, to, or for every hundred.	A special kind of RATE which is usually bounded by 1 and 100, and is calculated by dividing a partial amount by a total amount.	
MEASUREMENT	Price (PRC)		X								
MEASUREMENT	Quantity (Qt, Qty)	Non-monetary numeric vaule not arrived at by counting.	A non-monetary value. (Includes: Average, Balance, Deviatoin, Factor, Index, Level, Mean, Median)	Amount or quantity (includes fractions) of anything except money		X		A number of things other than money. (<i>Invoice Order Quantity, Shipment Received Quantity</i>).	A non-monetary numeric value. (Includes: average, balance, count, deviation, factor, index, level, mean, median, mode, and scale).		

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		GILS	U Arizona	U Calif Davis	U Illinois	Indiana U	U Kansas	U Michigan	USDA	U Colorado
MEASUREMENT	Rank (Rk, Rnk)			Relative standing or position				Relative standing or position. (<i>Student Class Rank, Employee Seniority Rank</i>)		
MEASUREMENT	Rate (Rt)	A quantity or amount considered in relation of another quantity or amount.	A quantity, amount or degree of something in relation to units of something else. (Includes: Factor, Frequency, Percent, Scale)	Unit of measure expressed by its relation to another unit of measure		X		A unit of measure expressed by its relation to another unit of measure. (<i>Student Enrollment Rate, Employee Full Time Rate</i>).	A quantity or degree of something in relation to units of something else (for example: bushels per acre). (includes: acceleration, density, factor, flow, force, frequency, humidity, impedance, inductance, intensity, magnitude, moment, percent, power, pressure, resistance, scale, speed, tension, torque, velocity, viscosity, and voltage.)	A ratio or proportion that is derived from or applied to another number.
MEASUREMENT	Score (Sc, Scr)			Number that expresses merit or performance				A number that expresses merit or performance. (<i>Student Test Score, Student SAT Score</i>)		
MEASUREMENT	Size (SZ)		X							
MEASUREMENT	Square_Feet (Sqft)		X							
	Total							The computed sum of one or more numbers		
MEASUREMENT	Volume (VOL)			Numeric value representing bulk or cubic measurements					Measurement of space occupied by a three-dimensional figure as measured in cubic units.	
	Weight (WT)								The force with which an object is attracted toward the earth and/or another celestial body by gravitation.	

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IDENTIFICATION	Code (Cd)	A system of valid symbols that substitute for longer values	A combination of one or more numbers, letters, or special characters which is submitted for a specific meaning (includes Status and Abbreviation)	A usually small number of unique encoded values representing a place, thing, event or organization. Distinguished from Numbers because the list is considered complet, with only occasional modification. The code is clarified with a name (NAME) and elaborated with a description (DESC).		X	Data which represents encoded values or which functions as a flag or indicator	Data which represents encoded values or which functions as a flag or indicator <i>(Address State Code, Student Sex Code, Account Status Code, Honors Program Code)</i>	A combination of one or more numbers, letters, or special characters substituted for a specific meaning. Represents finite predertimed values. (Must hav a specific domain.) (Includes: Category and status)	One or more letters or numbers that, in a given context, have a specific meaning or interpretation. Often requires a separate table to look up the code's meaning.	
IDENTIFICATION	Flag (FL)			Data element limited to these two or three conditions: Yes/No/Null. Select Yes/No rather than True/False or 0/1. Null values are appropriate if data is not sufficient to qualify the element with the Yes or No values.			A binary value: true/false, yes/no, etc.				
IDENTIFICATION	Group	Indicates a designation for a set of data elements that have relationships to each other. For example: <i>Employee Address Group.</i>									
IDENTIFICATION	Key (Ky, Key)		X	Surrogate or synthetic key - > system-generated numeric value uniquely identifying each occurrence in a database table or view.			A unique, non-reusable number that identifies a record in a physical table or segment. The class Key is not used for institutional data elements.	One or more data elements, each having its own class word, which combined may be used as a conveyence for a sequence field in a physical segment or record. The class Key is not used for institutional data elements. <i>(F150Key)</i>			

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		GILS	U Arizona	U Calif Davis	U Illinois	Indiana U	U Kansas	U Michigan	USDA	U Colorado
IDENTIFICATION	Number (Nbr, No, Num)	A number associated with an object, used as an identifier	A value which is not for the purpose of measuring a quantity or serving as a counter, but which is usually a numeric value (it may contain non-numeric characters, such as a Product Number, PO Number, etc.). It is distinguishable in that arithmetic operations are not usually carried out on it.	Identification - Alphanumeric field that identifies an event, place or thing. A generally open-ended list.		X	Numeric data that identifies a person, place or thing	Alphanumeric data which identifies a person, place or thing. (<i>Account Number, Course Number, Student Identification Number</i>).	A synonym for "Identifier" which may be used when common usage is "identifier" (e.g., Social Security Number, Phone Number, etc).	A number used as a label. Not used with arithmetic operators.
	Sequence									A record number or element number derived by counting.
	YesNo									Either Y or N. These elements are sometimes called 'flags'.
TEXT	Address (Addr)		X			X				Designation of a place where something is located or something is to be delivered.
TEXT	Admin_Transaction_Processing (AT)		X							
TEXT	Cncpt Data Mdl					X				
TEXT	Comment (Cm, Cmt)							An explanatory, illustrative or critical note, remark or observation (<i>Student Comment</i>)		
TEXT	Database					X				
TEXT	Description (Ds, Des, Desc)		A word or phrase which interprets an abbreviation, code or other shortened term so as to make it more understandable to users (I.e., Arizona is the description of the abbreviation AZ).	Narrative data that elaborates a code or number		X		Narrative data which translates a code or number (<i>Account Status Description, Honors Program Description</i>)		Textual information that gives identifying information but does not necessarily identify an entity uniquely.
TEXT	Entity (Ent)		X			X				
TEXT	File (FI)		X			X				

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TEXT	Identifier (ID, Idfyr)		A combination of one or more integers, letters, special characters which designate a specific object/entity, but has no readily definable meaning (includes Designator, Key, Number)	(Identification) Alphanumeric field that uniquely identifies a person. The ID is expanded with a name (NAME)			Alphanumeric data which identifies a person, place or thing	A combination of one or more numbers, letters, or special characters which designate a specific object/entity, but which have no readily definable meaning. (Must have a general domain) (Includes: designator, key, number	An identification number. A type of number used to identify a person or thing. This class word is sometimes used instead of CODE when there are thousands of possible values.	
TEXT	Indicator (Ind, Indcr)		An identifier which has a domain of only 2 states, such as: Y/N, ON/OFF, TRUE/FALSE, 0/1, etc.					Similar to code and contains only two possible conditions (e.g., on/off, yes/no, etc). An indicator is always 1 character.		
TEXT	Lgcl Data Mdl					X				
TEXT	Limit					X				
TEXT	Name (NAM, Nm)	A designation for an object	The designation of an object/entity expressed in a word or phrase.	Identification - A word or words by which a person, place, thing or event is known.		X	An alphanumeric field that represents a person, place, or thing.	A word or combination of words by which a person, place or thing is commonly known (<i>Student Last Name, State Name</i>).	A designation of an object and/or entity expressed in a word or phrase.	A word or words by which an entity is conventionally designated and distinguished from others.
	Note									A brief comment not restricted in content.
TEXT	Phys Data Mdl					X				
TEXT	Price					X				
TEXT	Text (Tx, Txt)	An unformatted descriptive field	An unformatted character string, generally in the form of words. (Includes: Abbreviation, Comments).	Unformatted alphanumeric information. Explanatory, illustrative note, remark or observation		X		A free form string of data (<i>Prospect Letter Text</i>).	An unformatted character string, generally in the form of words. (Includes: category and comments.)	
TEXT	Title (Ttl)		X			X				
	Abbreviation (ABR)								A shortened form of a written word that is used in place of the whole word	
	Classword23 (CW23)		X							
	Conceptual_Data_Model (CDM)		X							
	Database (DB)		X							
	Datagroup (Datagr)		X							
	Datagroup_Template (GTT)		X							
	Date/Time_Stamp (DT/TM_Stamp)		X							
	Dimension_Table (DM)		X							

