The 30-day public comment period for the proposed Admissions Application, Education Test Score Reporting, and IPEDS standards expired on May 27, 2009. A number of public comments were received, were posted to the PESC website, and were routed to their respective development workgroups and to the Standards Forum for Education’s Change Control Board (CCB) for review, analysis, and response. Now that public comments have been considered and incorporated into the proposed standards, the CCB has recommended to the Standards Forum’s Steering Committee and the PESC Board of Directors that the Admissions Application, Education Test Score Reporting, and IPEDS specifications be submitted to a vote by the PESC members.

In accordance with version 1.0.0 of PESC’s Manual of Policies and Procedures for Standards Development, the PESC office will issue electronic ballots to the official contacts of PESC member organizations. Completed ballots, including the reason(s) for any rejection, must be returned to the PESC office via e-mail attachment, fax, overnight delivery, or U.S. Postal Service within ten (10) business days. PESC staff is responsible for the tabulation of the ballots; acceptance of a specification as a standard requires an affirmative vote of at least 80% of all votes cast. Once the members accept and approve the proposed standards, the PESC Board of Directors will within seven (7) calendar days ratify the vote or refer it back to the CCB with specific instructions for further work.

PESC staff will then publish/post all necessary documents and communications and implement version control on all documents. PESC approved standards are freely accessible on the PESC website (http://www.PESC.org).

Admissions Application

Public Comment 1: XML transcripts will only recognize one student level (semester or quarter) because only the lowest qualifier will be recognized by the process. Thus, if your school is a semester school but was a quarter school and the school [the] student transferred from is a quarter school, the transfer credits will come in as semester.

Reason: The credit hours and quality points will not be correct.
Proposed Solution: Recognize multiple student level[s] so that credit hours and quality points will be correct.

Response: In the Student Transcript, by using multiple occurrences of “Student.AcademicRecord” or (in the Admissions Application, by using multiple occurrences of "Applicant.SelfReportedAcademicRecord"), the problem is resolved. One occurrence of "Student.AcademicRecord" is intended to be used for each school the student attended. If there had been a change in credits used at the same school, eg., quarter credits and then semester credits, and the school did not convert the prior credits to the latest credit type, then one iteration of the academic record should be used for each time period at that school using each credit type. The Implementation Guide will be updated to clarify that 2 iterations of the academic record should used if needed.

Public Comment 2: [For] academic standing only following the PESC standard...If your school has academic standing outside of the PESC standard, then the academic standing for the student will not be reflected correctly when exporting an XML transcript. For example, we have an academic standing of Exclusion meaning students cannot be readmitted to our school or any school within the Georgia System.

Reason: Since Exclusion is not one of the PESC standard[s], we have to translate Exclusion to one of the PESC standards which is either Supervision or Probation. Thus, the true Academic Standing is lost in translation.

Proposed Solution: Provide options to add appropriate academic standing.

Response: New enumerated values of ExclusionAcademic and ExclusionDisipline will be added with the July 2009 release.

Public Comment 3: XML transcripts lack the transcript key on the back of a physical transcript which provide[s] pertinent information such as accreditation information, change of academic system (eg: change from quarter to semester), and legend for grade symbols, etc.

Reason: 

Proposed Solution: Provide a section to display transcript key information.

Response: PESC has addressed the issue of accreditation information and it will be included in the next release (1.8.0) of the AcademicRecord Sector Library.
Accreditation information has been approved by the PESC CCB for inclusion in "TransmissionData.Source.Organization" and "TransmissionData.Destination.Organization". Once the Academic Record is updated the Admissions Application will review and possibly add it to the 1.1.0 version of their sector library. The issue of the change from quarter to semester is already handled nicely by using an additional occurrence of "AcademicRecord". Using dates available in "Student.AcademicRecord.AcademicSession.AcademicSessionDetail"; you can clearly and unambiguously indicate which type of credit was awarded for the student for each session.

The issue of grade symbols is addressed by using the "CourseAcademicGradeScaleCode" (or "CourseAcademicGradeStatusCode") for each course. For example, if a school uses a grade of "Q" for an incomplete grade, you can include the grade of "Q" and a value of "Incomplete" (or "InProgress", or "IncompleteNotResolvedFail") to more clearly indicate the type of grade "Q" represents. If you use a regular grading scale of A,B,C,D,F and A represented a 4.0, then you can use a "CourseAcademicGradeScaleCode" of 25.

**Public Comment 4:** With regard to the Admissions Application standard, would that be implemented by all organizations such as LSAC or do you have a select group that has agreed?

**Reason:**

**Proposed Solution:**

**Response:** The Admissions Application standard can be implemented by any organization that exchanges application data. PESC approved standards are posted on the PESC website and are provided free of charge.

**Public Comment 5:** See attached

**Reason:**

**Proposed Solution:**

**Response:** All known errors have been corrected.

**Public Comment 6:** I believe this should be declared as xs:decimal and not xs:float.
<xs:simpleType name="ApplicationFeeAmountType">
  <xs:restriction base="xs:float"/>
</xs:simpleType>

**Reason:**

**Proposed Solution:**

**Response:** The Change Control Board agrees that this should be xs:decimal and the schema will be updated.

**Public Comment 7:** First, I'll report that our University of California application does not map very nicely to the proposed PESC standard as defined. Given the number of institutions and the number of different applications, that's not surprising when generating a standard. However, having user extensions implemented as they currently are in the specification forces the institutions to either lose the relational integrity of any data with other standard elements in the standard, or results in forcing relational information into the data itself.

**Reason:** The standard currently forces institutions to one of several difficult choices – break the standard by using a slightly modified version or don’t use the standard at all, embed relational data into the extensions, or change their application to match a technical specification.

**Proposed Solution:** Including user defined extensions in each type defined would eliminate the issue.

**Response:** It is agreed that the draft schema will be modified to add one optional occurrence of the data element “UserDefinedExtensions” as child to each of the following complex data elements (located immediately above “NoteMessage”):

- Applicant.Person
- Applicant.Family
- Applicant.Residency
- Applicant.SelfReportedAcademicRecord.AcademicSession
- Applicant.SelfReportedTests
- Applicant.ExtraCurricularActivity
Public Comment 8: Also, the same issue affects the enumerations in the proposed standard.

Reason: This requires us to either break with the standard and use our own enumerations, or forces into creating new types as part of an extension, again causing the problem of relational integrity and user extensions mentioned earlier.

Proposed Solution:

Response: It is agreed that the draft schema will be modified as follows:

a. Add three new enumerated values (SchoolYear, Summer, YearRound) to the simple data element "Applicant.Person.Employment.EmploymentStatusCode" and make "EmploymentStatusCode"repeatable up to 3 occurrences.

b. Add four new enumerated values (NoHighSchool, TwoYearCollegeGraduate, FourYearCollegeGraduate, PostGraduateStudy) to the simple data element in CoreMain "EducationLevel" of "EducationLevelType".

c. To capture the employment relationship of the applicant (or a family member of the applicant) to the school to which the applicant is applying for possible tuition or fee benefits, i.e., is the applicant or a family member currently employed at that school, we will add a new complex data element “EmploymentAtAppliedSchool” as child to “Applicant.Residency”. It will be located immediately below “EmploymentResidency” and be repeatable up to 4 occurrences. It will have the following 3 optional child data elements: “RelationshipCode”, “CampusName”, and “EmploymentStatusCode”.

d. It was also requested that an optional occurrence of “EducationLevel” be added as a child data element to “Applicant.Person” to be located immediately above “NoteMessage”.

Public Comment 9: In the documentation of your earlier version, you had the academic record under the application, but later, you placed it outside the application and placed it on the same level.
Reason: This loses the relationship between the academic record reported in the application and the application itself.

Proposed Solution: As multiple applications may have different academic records reported, it would be better to keep the reported academic record with the application it was reported under. Using much the same logic, many of the elements that are currently at the same level of the application, including family, residency, self reported tests, and extra curricular activity may be better placed under Application.

Response: After further discussion with the commenter, it was agreed that since the schema is to be used only for a single submission for one applicant at one point in time, that the current placement of the complex data element “SelfReportedAcademicRecord” as child to “Applicant” will be satisfactory.

Public Comment 10: The duplicate naming of entities between core main and the admissions application standard, while technically appropriate under different namespaces, can create confusion and resulting QA issues for a development team, and does cause issues for some toolkits.

Reason:

Proposed Solution: Recommend changing the duplicate naming to unique names, regardless of the namespace breakout.

Response: The Change Control Board agrees that there is an outstanding concern with this issue and the Technical Advisory Board is reviewing options to address the situation. There was a decision made at the time of implementation of the first standards that this was the best practice so updating all of the standards will take time since this will require a major release of Core Main.

Education Test Score Reporting

Public Comment 1: It would be beneficial if PESC were to consider PK12 assessments in this effort and aim for making them consistent with SIF standards.

Reason:

Proposed Solution:
Response: There was no intent to exclude PK12 from this development effort and the workgroup solicited broad participation. PESC’s development work reflects the needs of higher education and of PESC’s membership, and the same holds true for SIFA in PK12. Because PESC is funded by membership dues and has no major outside funding, participation in PESC workgroups is open to any and all representatives of PESC member organizations. While we look to be responsive to the needs of the broad education community, we ask organizations looking to align PESC’s standards to join PESC and help fund the development effort.

Additional tests can be added to the list of tests and subtests when needed. Some K12 assessments for California as well as national tests (e.g., GED, PSAT, PLAN and EXPLORE) that are targeted to PK12 have been added already.

For those that are not in the listed enumerations of TestCode, ‘OtherTests’ can be selected and then under TestName the name of the test can be completed. Also the same process can be used for SubTestCode & SubTestName.

Public Comment 2: I was wondering if the work group considered the possibility of a lender/servicer being able to receive this information electronically.

Reason: Part of our Human Capital Score requires students to enter their test date/scores, college they will be attending, etc. and I was thinking that this electronic reporting option may allow us to “verify” the score electronically, rather than receiving a hard copy document from the student.

Proposed Solution:

Response: There is no intent to restrict the users and/or implementers of this standard. For testing agencies, only the permission of the student is required to release information to a company or other institution which is more of a policy and process issue than a standards or data transport issue.

Public Comment 3: I see it includes clearinghouses, employers, research, local and federal agencies. Is there any target implementation date???

Reason:

Proposed Solution:
Response: The testing organizations and student information system providers that participated in the development of the standard have not yet committed to any specific date for implementation.

**IPEDS — Integrated Postsecondary Education Data System**

**Public Comment 1:** As a software provider of reporting for NCES IPEDS reporting, can you give us a progress/status statement regarding the xml standards and format for these reports. We would like to consider a timeline to support our clients with an xml report for all the ipeds surveys.

**Reason:** We would like to consider a timeline to support our clients with an xml report for all the ipeds surveys.

**Proposed Solution:**

**Response:** The IPEDS team is working on the remaining four reports. The Implementation Guide for two reports has been sent to NCES (GRS & SFA) and there are two Implementation Guides that will be worked on soon by the IPEDS committee (Completions & 12 month enrollment). After these 4 are complete they will be sent to CCB for review and then sent out for Public Comment.
Admissions Application Public Comment 5

Review and action appropriately - the most serious is the fixed value for core:ContactName and some of the non-UTF8 characters which may cause XML parser issues! Others are naming and design issues and potential consistency and use ones compared to NIEM.gov guidelines.

Changes and Issues

Non-UTF8 characters in schema annotations and code list enumeration values:

about to transform
dxsd2Schema:bundleentry://56/xsl/xsd2cam/xsd2schema.xsl
Directory:C:\Documents and Settings\Webberd\My Documents\CAM\PESC\Admissions\processing schemafille
about to transform
dxsd2Schema:bundleentry://56/xsl/xsd2cam/xsd2schema.xsl
processing request
transforming output...

[error] - RelationshipCodeType; non-UTF8 char replaced: [ |'AdultOther' |'AdoptedChild' |'AdoptedDaughter' |'AdoptedSon' |'AdoptiveFather' |'AdoptiveMother' |'AdoptiveParent' |'AgencyRepresentative' |'Applicant' |'Aunt' |'AuthorizedDesignate' |'Brother' |'BrotherInLaw' |'Business' |'BusinessAssociate' |'BusinessPartner' |'Child' |'CollateralDependent' |'CommonLawSpouse' |'CourtAppointedGuardian' |'Cousin' |'Daughter' |'DaughterInLaw' |'Dependent' |'DependentOfMinorDependent' |'DomesticPartner' |'EmancipatedMinor' |'EmergencyContact' |'Employee' |'Employer' |'ExHusband' |'ExSpouse' |'ExWife' |'Father' |'FatherInLaw' |'Fiancé' |'Fiancée' |'FosterChild' |'FosterDaughter' |'FosterFather' |'FosterMother' |'FosterParent' |'FosterSon' |'Friend' |'GodDaughter' |'GodFather' |'GodMother' |'GrandParent' |'GrandSon' |'GrandDaughter' |'GrandFather' |'GrandMother' |'GrandParent' |'GrandSon' |'GreatAunt' |'GreatUncle' |'Guardian' |'HalfBrother' |'HalfSister' |'HandicappedDependent' |'Husband' |'LifePartner' |'Mother' |'MotherInLaw' |'Neighbor' |'Nephew' |'Niece' |'Other' |'Parent' |'Parents' |'Partner' |'RelationshipOther' |'Relative' |'Self' |'Sibling' |'SignificantOther' |'Sister' |'SisterInLaw' |'Son' |'SonInLaw' |'Spouse' |'StepBrother' |'StepChild' |'StepDaughter' |'StepFather' |'StepMother' |'StepParent' |'StepSister' |'StepSon' |'Student' |'Uncle' |'Unknown' |'Ward' |'Widow' |'Widower' |'Wife']

[error] - RelationshipCodeType; non-UTF8 char replaced: [ |
}
| 'SponsoredDependent' | 'Spouse' | 'StepBrother' | 'StepChild' | 'StepDaughter' | 'StepFather' |
| 'StepMother' | 'StepParent' | 'StepSister' | 'StepSon' | 'Student' | 'Uncle' | 'Unknown' | 'Ward' |
| 'Widow' | 'Widower' | 'Wife'

[error] - RelationshipCodeType: non-UTF8 char replaced: [ | 'AdultOther' | 'AdoptedChild' |
| 'AdoptedDaughter' | 'AdoptedSon' | 'AdoptiveFather' | 'AdoptiveMother' | 'AdoptiveParent' |
| 'AgencyRepresentative' | 'Applicant' | 'Aunt' | 'AuthorizedDesignate' | 'Brother' | 'BrotherInLaw' |
| 'Business' | 'BusinessAssociate' | 'BusinessPartner' | 'Child' | 'CollateralDependent' |
| 'CommonLawSpouse' | 'CourtAppointedGuardian' | 'Cousin' | 'Daughter' | 'DaughterInLaw' |
| 'Dependent' | 'DependentOfMinorDependent' | 'DomesticPartner' | 'EmancipatedMinor' |
| 'EmergencyContact' | 'Employee' | 'Employer' | 'ExHusband' | 'ExSpouse' | 'ExWife' | 'Father' |
| 'FatherInLaw' | 'Fiancé' | 'Fiancée' | 'FosterChild' | 'FosterDaughter' | 'FosterFather' |
| 'FosterMother' | 'FosterParent' | 'FosterSon' | 'Friend' | 'GodDaughter' | 'GodFather' | 'GodMother' |
| 'GodParent' | 'GodSon' | 'GrandChild' | 'GrandDaughter' | 'GrandFather' | 'GrandMother' |
| 'GrandParent' | 'GrandSon' | 'GreatAunt' | 'GreatUncle' | 'Guardian' | 'HalfBrother' | 'HalfSister' |
| 'HandicappedDependent' | 'Husband' | 'LifePartner' | 'Mother' | 'MotherInLaw' | 'Neighbor' |
| 'Nephew' | 'Niece' | 'Other' | 'Parent' | 'Parents' | 'Partner' | 'RelationshipOther' | 'Relative' | 'Self' |
| 'Sibling' | 'SignificantOther' | 'Sister' | 'SisterInLaw' | 'Son' | 'SonInLaw' | 'Sponsor' |
| 'SponsoredDependent' | 'Spouse' | 'StepBrother' | 'StepChild' | 'StepDaughter' | 'StepFather' |
| 'StepMother' | 'StepParent' | 'StepSister' | 'StepSon' | 'Student' | 'Uncle' | 'Unknown' | 'Ward' |
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| 'FosterMother' | 'FosterParent' | 'FosterSon' | 'Friend' | 'GodDaughter' | 'GodFather' | 'GodMother' |
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| 'GrandParent' | 'GrandSon' | 'GreatAunt' | 'GreatUncle' | 'Guardian' | 'HalfBrother' | 'HalfSister' |
| 'HandicappedDependent' | 'Husband' | 'LifePartner' | 'Mother' | 'MotherInLaw' | 'Neighbor' |
| 'Nephew' | 'Niece' | 'Other' | 'Parent' | 'Parents' | 'Partner' | 'RelationshipOther' | 'Relative' | 'Self' |
| 'Sibling' | 'SignificantOther' | 'Sister' | 'SisterInLaw' | 'Son' | 'SonInLaw' | 'Sponsor' |
| 'SponsoredDependent' | 'Spouse' | 'StepBrother' | 'StepChild' | 'StepDaughter' | 'StepFather' |
| 'StepMother' | 'StepParent' | 'StepSister' | 'StepSon' | 'Student' | 'Uncle' | 'Unknown' | 'Ward' |
| 'Widow' | 'Widower' | 'Wife'


AD - Andorra
AE - United Arab Emirates
AF - Afghanistan
AG - Antigua And Barbuda
AI - Anguilla
AL - Albania
AM - Armenia
AN - Netherlands Antilles
AO - Angola
AQ - Antarctica
AR - Argentina
AS - American Samoa
AT - Austria
AU - Australia
AW - Aruba
AX - Åland Islands
AZ - Azerbaijan
BA - Bosnia And Herzegovina
BB - Barbados
BD - Bangladesh
BE - Belgium
BF - Burkina Faso
BG - Bulgaria
BH - Bahrain
BI - Burundi
BJ - Benin
BL - Saint Barthélemy
BM - Bermuda
BN - Brunei Darussalam
BO - Bolivia
BR - Brazil
BS - Bahamas
BT - Bhutan
BV - Bouvet Island
BW - Botswana
BY - Belarus
BZ - Belize
CA - Canada
CC - Cocos (Keeling) Islands
CD - Congo, The Democratic Republic Of The
CF - Central African Republic
CG - Congo
CH - Switzerland
CI - Cote D’ivoire
CK - Cook Islands
CL - Chile
CM - Cameroon
CN - China
CO - Colombia
CR - Costa Rica
CS - Serbia And Montenegro (REMOVE FROM FUTURE RELEASE)
CU - Cuba
CV - Cape Verde
CX - Christmas Island
CY - Cyprus
CZ - Czech Republic
DE - Germany
DJ - Djibouti
DK - Denmark
DM - Dominica
DO - Dominican Republic
DZ - Algeria
EC - Ecuador
EE - Estonia
EG - Egypt
EH - Western Sahara
ER - Eritrea
ES - Spain
ET - Ethiopia
FI - Finland
FJ - Fiji
FK - Falkland Islands (Malvinas)
FM - Micronesia, Federated States Of
FO - Faroe Islands
FR - France
GA - Gabon
GB - United Kingdom
GD - Grenada
GE - Georgia
GF - French Guiana
GG - Guernsey
GH - Ghana
GI - Gibraltar
GL - Greenland
GM - Gambia
GN - Guinea
GP - Guadeloupe
GQ - Equatorial Guinea
GR - Greece
GS - South Georgia And The South Sandwich Islands
GT - Guatemala
GU - Guam
GW - Guinea - Bissau
GY - Guyana
HK - Hong Kong
HM - Heard Island And Mcdonald Islands
HN - Honduras
HR - Croatia
HT - Haiti
HU - Hungary
ID - Indonesia
IE - Ireland
IL - Israel
IM - Isle of Man
IN - India
IO - British Indian Ocean Territory
IQ - Iraq
IR - Iran, Islamic Republic Of
IS - Iceland
IT - Italy
JE - Jersey
JM - Jamaica
NG - Nigeria
NI - Nicaragua
NL - Netherlands
NO - Norway
NP - Nepal
NR - Nauru
NU - Niue
NZ - New Zealand
OM - Oman
PA - Panama
PE - Peru
PF - French Polynesia
PG - Papua New Guinea
PH - Philippines
PK - Pakistan
PL - Poland
PM - Saint Pierre And Miquelon
PN - Pitcairn
PR - Puerto Rico
PS - Palestinian Territory, Occupied
PT - Portugal
PW - Palau
PY - Paraguay
QA - Qatar
RE - Reunion
RO - Romania
RS - Serbia
RU - Russian Federation
RW - Rwanda
SA - Saudi Arabia
SB - Solomon Islands
SC - Seychelles
SD - Sudan
SE - Sweden
SG - Singapore
SH - Saint Helena
SI - Slovenia
SJ - Svalbard And Jan Mayen
SK - Slovakia
SL - Sierra Leone
SM - San Marino
SN - Senegal
SO - Somalia
SR - Suriname
ST - Sao Tome And Principe
SV - El Salvador
SY - Syrian Arab Republic
SZ - Swaziland
TC - Turks And Caicos Islands
TD - Chad
TF - French Southern Territories
TG - Togo
TH - Thailand
TJ - Tajikistan
TK - Tokelau
TL - Timor - Leste
TM - Turkmenistan
TN - Tunisia
TO - Tonga
TR - Turkey
TT - Trinidad And Tobago
TV - Tuvalu
TW - Taiwan, Province Of China
TZ - Tanzania, United Republic Of
UA - Ukraine
UG - Uganda
UM - United States Minor Outlying Islands
US - United States
UY - Uruguay
UZ - Uzbekistan
VA - Holy See (Vatican City State)
VC - Saint Vincent And The Grenadines
VE - Venezuela
VG - Virgin Islands, British
VI - Virgin Islands, U.S.
VN - Viet Nam
VU - Vanuatu
WF - Wallis And Futuna
WS - Samoa
YE - Yemen
YT - Mayotte
ZA - South Africa
ZM - Zambia
ZW - Zimbabwe

] [error] - AdmRec:FundingSourceCountry (annotation); non-UTF8 char replaced: [Code indicating Country. Use ISO 3166-1 alpha-2 standard. The codes are available at http://www.iso.org
AD - Andorra
AE - United Arab Emirates
AF - Afghanistan
AG - Antigua And Barbuda
AI - Anguilla
AL - Albania
AM - Armenia
AN - Netherlands Antilles
AO - Angola
AQ - Antarctica
AR - Argentina
AS - American Samoa
AT - Austria
AU - Australia
AW - Aruba
AX - Åland Islands
AZ - Azerbaijan
BA - Bosnia And Herzegovina
BB - Barbados
BD - Bangladesh
BE - Belgium
BF - Burkina Faso
BG - Bulgaria
BH - Bahrain
BI - Burundi
BJ - Benin
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DO - Dominican Republic
DZ - Algeria
EC - Ecuador
EE - Estonia
EG - Egypt
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ER - Eritrea
ES - Spain
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GA - Gabon
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IQ - Iraq
IR - Iran, Islamic Republic Of
IS - Iceland
IT - Italy
JE - Jersey
JM - Jamaica
JO - Jordan
JP - Japan
KE - Kenya
Public Comments and Responses
Admissions Application, Education Test Score Reporting, IPEDS
July 27, 2009

KG - Kyrgyzstan
KH - Cambodia
KI - Kiribati
KM - Comoros
KN - Saint Kitts And Nevis
KP - Korea, Democratic People's Republic Of
KR - Korea, Republic Of
KW - Kuwait
KY - Cayman Islands
KZ - Kazakhstan
LA - Lao People's Democratic Republic
LB - Lebanon
LC - Saint Lucia
LI - Liechtenstein
LK - Sri Lanka
LR - Liberia
LS - Lesotho
LT - Lithuania
LU - Luxembourg
LV - Latvia
LY - Libyan Arab Jamahiriya
MA - Morocco
MC - Monaco
MD - Moldova, Republic Of
ME - Montenegro
MF - Saint Martin
MG - Madagascar
MH - Marshall Islands
MK - Macedonia, The Former Yugoslav Republic Of
ML - Mali
MM - Myanmar
MN - Mongolia
MO - Macao
MP - Northern Mariana Islands
MQ - Martinique
MR - Mauritania
MS - Montserrat
MT - Malta
MU - Mauritius
MV - Maldives
MW - Malawi
MX - Mexico
MY - Malaysia
MZ - Mozambique
NA - Namibia
NC - New Caledonia
NE - Niger
NF - Norfolk Island
NG - Nigeria
NI - Nicaragua
NL - Netherlands
NO - Norway
NP - Nepal
NR - Nauru
NU - Niue
NZ - New Zealand
OM - Oman
PA - Panama
PE - Peru
PF - French Polynesia
PG - Papua New Guinea
PH - Philippines
PK - Pakistan
PL - Poland
PM - Saint Pierre And Miquelon
PN - Pitcairn
PR - Puerto Rico
PS - Palestinian Territory, Occupied
PT - Portugal
PW - Palau
PY - Paraguay
QA - Qatar
RE - Reunion
RO - Romania
RS - Serbia
RU - Russian Federation
RW - Rwanda
SA - Saudi Arabia
SB - Solomon Islands
SC - Seychelles
SD - Sudan
SE - Sweden
SG - Singapore
SH - Saint Helena
SI - Slovenia
SJ - Svalbard And Jan Mayen
SK - Slovakia
SL - Sierra Leone
SM - San Marino
SN - Senegal
SO - Somalia
SR - Suriname
ST - Sao Tome And Principe
SV - El Salvador
SY - Syrian Arab Republic
SZ - Swaziland
TC - Turks And Caicos Islands
TD - Chad
TF - French Southern Territories
TG - Togo
TH - Thailand
TJ - Tajikistan
TK - Tokelau
TL - Timor - Leste
TM - Turkmenistan
TN - Tunisia
TO - Tonga
TR - Turkey
TT - Trinidad And Tobago
TV - Tuvalu
TW - Taiwan, Province Of China
TZ - Tanzania, United Republic Of
UA - Ukraine
UG - Uganda
UM - United States Minor Outlying Islands
US - United States
UY - Uruguay
UZ - Uzbekistan
VA - Holy See (Vatican City State)
VC - Saint Vincent And The Grenadines
VE - Venezuela
VG - Virgin Islands, British
VI - Virgin Islands, U.S.
VN - Viet Nam
VU - Vanuatu
WF - Wallis And Futuna
WS - Samoa
YE - Yemen
YT - Mayotte
ZA - South Africa
ZM - Zambia
ZW - Zimbabwe

[error] - AdmRec:AcademicCompletionDate (annotation); non-UTF8 char replaced: [The date on which the student's requirements for the degree were met or completed.]
[error] - AdmRec:AcademicSummaryCode (annotation); non-UTF8 char replaced: [Summary Type is an indication of what is being summarized over what period of time All - Summary of all courses regardless of institution SenderOnly - Summary of all courses at sending institution (or recorded as if they were taken at the TransferOnly - Summary of transfer work (courses taken at other than the sending institution) AllNotRepeated - Summary of all courses except for repeated or forgiven courses/credits SenderNotRepeated - Summary of all courses at sending institution except for repeated or forgiven courses/credits TransferNotRepeated - Summary of transfer work except for repeated or forgiven courses/credits AcademicRenewal - Subset of forgiven courses CarryoverCredit - Summary from offline records and used as the initial point for cumulatives and averages DegreeApplicable - Summary of course that apply to degree NonDegreeApplicable - Summary of courses that do not apply toward degree
ConvertedFrom - Summary of credits before an institutional term-basis conversion, such as from quarters to semesters
ConvertedTo - Summary of credits after an institutional term-basis conversion, such as from quarters to semesters
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UserDefined - see NoteMessage for explanation

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LowerDivision - Lower division credit (associated with first/second year)
UpperDivision - Higher or upper division credit (associated with third or fourth year)
Vocational - Vocational/technical credit
TechnicalPreparatory - Tech Prep credit
Graduate - Graduate level credit
Professional - Professional
Dual - Dual level (upper division and graduate- may be applicable to a bachelor's degree or graduate degree or both)
GraduateProfessional - Dual level (graduate and professional- may be applicable to both)
added enums below and reordered in alpha order
SeventhGrade
EighthGrade
NinthGrade
tenthGrade
EleventhGrade
TwelfthGrade
DualHighSchoolCollege
DualGraduateUndergraduat
Secondary ]

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Simplified and reorganized:
- Undergraduate
- Lower Division
- Upper Division
- Vocational
- Technical Preparatory
- Graduate
- Professional
- Dual
- Graduate Professional

Secondary

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[error] - AdmRec:CourseCreditBasis (annotation); non-UTF8 char replaced: [The type of enrollment associated with the credit hours for the course.
Regular - Regular/general enrollment
Major - Credit associated with the student's major
AcademicRenewal
AdultBasic
AdvancedPlacement
AdvancedStanding
ContinuingEducation
Exemption
Equivalence
InternationalBaccalaureate
Military
Remedial - Remedial/developmental
CreditByExam - Credit granted from successful score on a standardized test of comprehension or proficiency.
HighSchoolTransferCredit - Credit from a high school course is transferred to the college.
HighSchoolCreditOnly - Credit from a college course is transferred back to high school and not counted by the college.
HighSchoolDualCredit - Credit from a college course is counted at both the college and high school.
JuniorHighSchoolCredit - Credit from a junior high school course is counted at the high school.
The following values are deprecated:
Major
AdultBasic
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$error - AdmRec:CourseRepeatCode (annotation); non-UTF8 char replaced: [Indicates that an academic course has been repeated by a student and how that repeat is to be computed in the student's academic grade average.
RepeatCounted - Course repeated and counted in GPA
RepeatNotCounted - Course repeated but not counted in GPA
ReplacementCounted
ReplacedNotCounted
RepeatOtherInstitution
NotCountedOther - Other, not counted in GPA (e.g., used for academic forgiveness or clemency).
]
$error - AdmRec:CourseSCEDCode (annotation); non-UTF8 char replaced: [The School Codes for the Exchange of Data maintained by the Center for Educational Statistics (NCES) code to describe the area of study for the course. At the time of this documentation (December 2005), this code set is not completed but it is expected to be released soon and will be the preferred code. Information on this standard is available at http://nces.ed.gov/forum/pdf/course_codes_intro.pdf
The format of the code is as follows:
First and Second digit - general subject area:
01 English Language Arts
02 Mathematics
03 Life and Physical Sciences
04 Social Sciences and History
05 Fine and Performing Arts
06 Foreign Language and Literature
07 Religious Education and Theology
08 Physical, Health, and Safety Education
09 Military Science
10 Computer and Information Sciences
11 Communication and Audio/Visual Technology
12 Business and Marketing
13 Manufacturing
14 Health Care Sciences
15 Public, Protective, and Government Service
16 Hospitality and Tourism
17 Architecture and Construction
18 Agriculture and Natural Resources
19 Human Services
20 Transportation, Distribution and Logistics
21 Engineering and Technology
22 Miscellaneous
23 Special/Exceptional Education

Third through Fifth digit - specific course description within subject area:
e.g. 300

Sixth digit - course level:
B - basic/remedial
G - general/regular
E - enriched/advanced
H - honors

Seventh through Tenth digit:
Carnegie units assigned to course (formatted to 2 decimal places, e.g. 1.00)

Eleventh and Twelfth digit:
Identifies a course as it relates to a consecutive sequence of courses (e.g., part 1 of 2)

Example:
A Regular Algebra I course that was first of two parts could be reported as follows: 02054G0.5012

[error] - AdmRec:CourseLevel (annotation); non-UTF8 char replaced: [The level of work which is reflected in the credits associated with the academic course being described or the level of the typical student taking the academic course.
Accelerated - Accelerated
AdultBasic - Adult Basic
AdvancedPlacement - Advanced Placement
Basic - Basic
InternationalBaccalaureate - International Baccalaureate
CollegeLevel - College Level
CollegePreparatory - College Preparatory
GiftedTalented - Gifted and Talented
Honors - Honors
NonAcademic - Non-Academic
SpecialEducation - Special Education
Technical Preparatory - Technical Preparatory
Vocational - Vocational
LowerDivision - Lower division
UpperDivision - Upper division
Dual - Dual level
GraduateProfessional - Graduate/Professional
Remedial - Remedial/Developmental

} [error] - AdmRec:CourseGPAApplicabilityCode (annotation); non-UTF8 char replaced: [Indicates how or whether the course grade is included in the computation of the student's grade point average.

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Transformed here
here2