                      -- FROM-INSTITUTION-ID --   TIS0201

        TRANSFER INFORMATION SYSTEM
        COURSE EQUIVALENCY DATA


```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       A code that uniquely identifies the university or college       |
|       which offers the course.  Identifies the sending institution.   |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|       A valid institution based on the UWS CDR coding scheme.         |
|       For TIS purposes, a code has been added to identify UW Colleges |
|       as one institution.  Also, for any technical college in the     |
|       WTCS that has multiple codes representing various campuses,     |
|       the code associated with the principal campus is used           |
|       for the overall college/district.                               |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|    TIS0201-AE FROM Institution ID must be a 4 digit number            |
|    TIS0201-BE FROM Institution must be a valid abbrev. or code on the |
|              Inst. Table                                              |
|    TIS0201-CE FROM Institution may not be blank when Dept. or Course is |
|              used                                                     |
|    TIS0201-DE FROM Institution must be defined as "Sending" on the    |
|              Inst. Table                                              |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| HELP INFO:                                                            |
|    This field contains an abbreviation for the university             |
|    or college which offers the course (aka Sending                    |
|    Institution ID).  Only institutions whose courses have             |
|    equivalencies in the TIS production data base are                  |
|    designated as valid From Institutions.                             |
-------------------------------------------------------------------------
```
                                                              CONTINUED

                  -- FROM-INSTITUTION-ID --   TIS0201

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                          CONTINUED

    | TECHNICAL CONSIDERATIONS: |
    | FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 4.00 |
    | FIELD NAME: FROM-INSTITUTION-ID   FORMAT: A |

                    -- TO-INSTITUTION-ID --   TIS0202

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA


```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       A code that uniquely identifies the university or college       |
|       to which the course may be transferred.  Identifies the receiving |
|       institution.                                                    |
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|       A valid institution based on the UWS CDR coding scheme.  For    |
|       TIS purposes, a code has been added to identify UW Colleges     |
|       as one institution.  Also, for any technical college in the     |
|       WTCS that has multiple codes representing various campuses,     |
|       the code associated with the principal campus is used           |
|       for the overall college/district.                               |
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|    TIS0202-AE TO Institution ID must be a 4 digit number              |
|    TIS0202-BE TO Institution must be a valid abbrev. or code on the   |
|               Inst. Table                                             |
|    TIS0202-CE TO Institution may not be blank when Dept. or Course is |
|               used                                                    |
|    TIS0202-DE TO Institution may not be blank when Footnote Number is |
|               given                                                   |
|    TIS0202-EE TO Institution may not be blank when Non-Course Equiv is |
|               given                                                   |
|    TIS0202-FE FROM Institution and TO Institution must be different   |
|    TIS0202-GE TO Institution must be defined as "Receiving" on the    |
|               Inst. Table                                             |
|    TIS0202-IE TO Institution ID must match header record's Institution |
|               ID                                                      |
|    TIS0202-JE TO Institution may not be blank when GE (BR) Category is |
|               given                                                   |
-------------------------------------------------------------------------
```
                                                            CONTINUED

              -- TO-INSTITUTION-ID --   TIS0202

  TRANSFER INFORMATION SYSTEM
  COURSE EQUIVALENCY DATA

                                                        CONTINUED

| HELP INFO: |
| This field contains an abbreviation for the university |
| or college that the courses are transferring to (aka |
| Receiving Institution ID). Only institutions that |
| currently have course equivalencies on the TIS |
| production data base are designated as valid To |
| Institutions. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 4.00 |
| FIELD NAME: TO-INSTITUTION-ID   FORMAT: A |

UW SYSTEM ADMINISTRATION
TRANSFER INFORMATION SYSTEM (TIS)   MAINTENANCE MANUAL

Date	Title	Chapter	Page
6-12	DATA DICTIONARY – COURSE EQUIVALENCY	V	D.5

                    -- FROM-CURRICULAR-AREA-CODE --   TIS0203

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

```
--------------------------------------------------------------------------
| DEFINITION:                                                            |
|      A code that identifies the department or field of study           |
|      which offers the course. Identifies the sending institution's     |
|      curricular area code.                                             |
--------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                   |
|      TIS department/curricular areas are based on the UWS CDR          |
|      curricular area coding scheme and CDR element number 1050.        |
|      The TIS table was expanded to include instructional areas         |
|      used by WTCS districts.                                           |
--------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                   |
|    TIS0203-AE FROM CAC must be a 4-digit numeric                       |
|    TIS0203-BE FROM Dept must be a valid abbrev. or code on the CAC table|
|    TIS0203-CE FROM Dept may not be blank when Course is given          |
|    TIS0203-DE Only one Dept Equiv Record may be submitted for each FROM |
|              Dept                                                      |
|    TIS0203-EE From Dept must be a unique abbrev. or code on the CAC    |
|              table                                                     |
--------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------
| HELP INFO:                                                             |
|    You may enter a department abbreviation or a                        |
|    department code at the specified From Institution                   |
|    (aka Sending Department ID).  Or you may enter the                  |
|    CDR Curricular Area Code (four digits) assigned to                  |
|    the department.  The value that you enter will be                   |
|    converted to the department abbreviation or code,                   |
|    whichever has been defined as the Department ID                     |
|    format at the From Institution.                                     |
|                                                                        |
--------------------------------------------------------------------------
```

                   -- FROM-CURRICULAR-AREA-CODE --   TIS0203

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

                                                          CONTINUED

| If you enter a valid From Institution and request |
| Help for this field, you will be given a list of |
| departments at the given institution from which |
| to select. You may search for a department by |
| entering the first letter(s) of the department |
| name or by entering a number in the range of the |
| department code. |
| |
| A common error message is that the From Dept is |
| not a valid abbreviation or code on the TIS |
| Department/Curricular Area Code Table. This |
| error occurs when: |
| |
| 1. The given From Dept was not formatted |
| correctly. |
| - Check the Dept/CAC Table for the correct |
| ID. |
| 2. The From Dept was discontinued prior to the |
| start of the TIS data base in Fall, 1989. |
| - If the department appears to be old, the |
| equivalency cannot be included in TIS. |
| 3. The From Dept was recently created and it |
| has not yet been added to the Dept/CAC Table. |
| - If the department appears to be new, wait |
| until a later time to add the equivalency. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 4.00 |
| FIELD NAME: FROM-CURRICULAR-AREA-CODE   FORMAT: A |

```
                -- TO-CURRICULAR-AREA-CODE --                TIS0204
```

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

```
------------------------------------------------------------------------
| DEFINITION:                                                          |
|       A code that identifies the department or field of study in     |
|       which the equivalent course is offered.  Identifies the receiving |
|       institution's curricular area code.                            |
------------------------------------------------------------------------


------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                 |
|         Coding structure is based on CDR element 1050.               |
|  NOTE:  If the Non-Course Equivalent = '00','11','12' or '13',       |
|         then TO CAC must be valid code on CAC table.                 |
|  Batch:                                                              |
|         If the Non-Course Equivalent = '01','02','03','04','21', or  |
|         '23', the TO CAC must = '0000'.                              |
|  On-line:                                                            |
|         If the Non-Course Equivalent = '01','02','03','04','21', or  |
|         '23', then TO CAC must be blank.  Zeros are automatically    |
|         converted to blanks.                                        |
------------------------------------------------------------------------


------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                 |
|    TIS0204-AE TO CAC must be a 4-digit numeric                       |
|    TIS0204-BE TO Dept must be a valid abbrev. or code on the CAC table |
|    TIS0204-CE TO Dept (CAC) must be blank for the specified Non-Course |
|              Equiv                                                   |
|    TIS0204-DE TO Dept (CAC) may not be blank for the specified       |
|              Non-Course Equiv                                        |
|    TIS0204-EE TO Dept (CAC) may not be blank when Course is given    |
------------------------------------------------------------------------


------------------------------------------------------------------------
| HELP INFO:                                                          |
|    You may enter a department abbreviation or a                      |
|    department code at the specified To Institution                   |
|    (aka Receiving Department ID).  Or you may enter the              |
------------------------------------------------------------------------
```

                    -- TO-CURRICULAR-AREA-CODE --   TIS0204

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                        CONTINUED

| CDR Curricular Area Code (four digits) assigned to |
| the department. The value that you enter will be |
| converted to the department abbreviation or code, |
| whichever has been defined as the Department ID |
| format at the To Institution. |
| |
| If you enter a valid To institution and request |
| Help for this field, you will be given a list of |
| departments at the given institution from which |
| to select. You may search for a department by |
| entering the first letter(s) of the department |
| name or by entering a number in the range of the |
| first code. |
| |
| A common error message is that the To Dept is |
| not a valid abbreviation or code on the TIS |
| Department/Curricular Area Code Table. This |
| error occurs when: |
| |
| 1. The given To Dept was not formatted |
| correctly. |
| - Check the Dept/CAC Table for the correct |
| ID. |
| 2. The To Dept was discontinued prior to the |
| start of the TIS data base in Fall, 1989. |
| - If the department appears to be old, the |
| equivalency cannot be included in TIS. |
| 3. The To Dept was recently created and it |
| has not yet been added to the Dept/CAC Table. |
| - If the department appears to be new, wait |
| until a later time to add the equivalency. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 4.00 |
| FIELD NAME: TO-CURRICULAR-AREA-CODE   FORMAT: A |

                    -- FROM-COURSE-NUMBER --   TIS0205

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

| DEFINITION: |
| A number assigned to identify a course within a curricular |
| area. Identifies the sending institution's course number. |

| CODING REQUIREMENTS: |
| Batch: |
| Leftmost three positions contain the campus number used to |
| identify the course. |
| Rightmost position should always be blank. |
| On-Line: |
| The Course Number and Course Suffix are combined into one field |
| with the optional suffix in the rightmost position. |

| VALIDATION CRITERIA: |
| TIS0205-AE FROM Course may not be blank |
| TIS0205-BE FROM Course Number's last digit must be blank |
| TIS0205-CE FROM Course Number must be a 3-digit number greater than|
| zero |
| TIS0205-DE FROM Course must be found on the Course file |
| TIS0205-EE All records for an equiv must be valid; one or more had |
| errors |
| TIS0205-FE No equivalencies match this deletion request |
| TIS0205-GE A Specific Equiv record overrode this generated Dept |
| Equiv record |

| HELP INFO: |
| You may enter the three-digit course number that |
| identifies the course within the From Department |
| (aka Sending Course). A course suffix may be |
| used in combination with the number to identify |

                                                            CONTINUED

                    -- FROM-COURSE-NUMBER --   TIS0205

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                         CONTINUED

| the course. In this case, the alphabetic suffix |
| is entered in the fourth position of the field. |
| |
| If you enter a valid From Institution and From |
| Department and request Help for this field, you |
| will be given a list of courses in that department |
| from which you may select. |
| |
| A common error message is that the From Course is not on the TIS |
| Course file. This error occurs when: |
| 1. The From Course was discontinued prior to start of the TIS |
| data base in Fall, 1989 |
| - If the course appears to be old, the equivalency cannot |
| be included in TIS. |
| 2. The From Course was recently created and it has not yet |
| been added to the TIS data base. |
| - If the course appears to be new, wait until a later time |
| to add the equivalency. |
| 3. The From Course was erroneously added to the TIS data base |
| but has now been removed. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 4.00 |
| FIELD NAME: FROM-COURSE-NUMBER   FORMAT: A |

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                    -- TO-COURSE-NUMBER --   TIS0206

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA


```
------------------------------------------------------------------------
| DEFINITION:                                                          |
|       A number assigned to identify a course within a curricular area. |
|       Identifies the receiving institution's course number.          |
------------------------------------------------------------------------


------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                 |
|   Batch:                                                             |
|       Leftmost three positions contain the campus number used to     |
|       identify the course.                                          |
|       Rightmost position should always be blank.                    |
|       If Non-Course Equivalent not = zero, the TO Course Number     |
|       must = zero unless the TIS submission is also being used as input |
|       to the u.select equivalency and degree audit system.  In this case|
|       a pseudo-course may be used.                                  |
|                                                                      |
|   On-line:                                                          |
|       The Course Number and Course Suffix are combined into one field |
|       with the optional suffix in the rightmost position.           |
|       If Non-Course Equivalent not = zero, TO Course must be blank.  |
|       Zeros are automatically converted to blanks.                  |
------------------------------------------------------------------------


------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                 |
|    TIS0206-AE TO Course Number may not be blank                     |
|    TIS0206-BE TO Course Number's last digit must be blank           |
|    TIS0206-CE TO Course Number must be a 3-digit number greater than |
|              zero                                                   |
|    TIS0206-DE TO Course must be blank if Non-Course Equiv is used    |
|    TIS0206-EE Either TO Course or Non-Course Equiv must be given     |
|    TIS0206-FE TO Course must be found on the Course file (does not apply|
|              to u.select pseudo-courses)                            |
|    TIS0206-GW Warning: TO Course discontinued (End Year-Term of Course) |
------------------------------------------------------------------------


------------------------------------------------------------------------
| HELP INFO:                                                          |
|     You may enter the three-digit course number that                |
------------------------------------------------------------------------
```

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TRANSFER INFORMATION SYSTEM (TIS)   MAINTENANCE MANUAL

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                    -- TO-COURSE-NUMBER --   TIS0206

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                              CONTINUED

| identifies the course within the To Department |
| (aka Receiving Course). A course suffix may be |
| used in combination with the number to identify |
| the course. In this case, the alphabetic suffix |
| is entered in the fourth position of the field. |
| |
| If you enter a valid To Institution and To |
| Department and request Help for this field, you |
| will be given a list of courses in that department |
| from which you may select. |
| |
| This field should be blank when the course equivalent is not |
| an actual course. A different field, Non-Course Equivalent, |
| is used in cases such as electives, department confers |
| (decisions), or when no degree credit is granted. |
| |
| A common error message is that the To Course is not on the TIS |
| Course file. This error occurs when: |
| 1. The To Course was discontinued prior to the start of the |
| TIS data base in Fall, 1989 |
| - If the course appears to be old, it cannot be used in TIS. |
| 2. The To Course was recently created and it has not yet been |
| added to the TIS data base |
| - If the course appears to be new, wait until a later time |
| to update the equivalency. |
| |
| A common warning message is that the To Course has been |
| discontinued on the TIS data base (Course Status = "D"). This |
| warning can be resolved by using a course that is currently |
| offered or a Non-Course Equivalent (NCE) such as general or |
| departmental elective as the course equivalent. |

                                                              CONTINUED

                  -- TO-COURSE-NUMBER --   TIS0206

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                              CONTINUED

    | TECHNICAL CONSIDERATIONS: |
    | FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 4.00 |
    | FIELD NAME: TO-COURSE-NUMBER   FORMAT: A |

-- FROM-COURSE-SUFFIX --   TIS0207

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       A character that is used in combination with the course         |
|       number to uniquely identify a course within a                   |
|       curricular area.  Identifies the sending institution's          |
|       course suffix.                                                  |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|       Should be blank for all courses at institutions which           |
|       don't use suffixes and for courses without associated           |
|       suffixes.                                                       |
|   On-Line:                                                            |
|       The Course Number and Course Suffix are combined into one       |
|       field with the optional suffix in the rightmost position.       |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|    NONE                                                               |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| TECHNICAL CONSIDERATIONS:                                             |
|    FILE NAME : TIS-COURSE-EQUIVALENT       LENGTH:      1.00          |
|    FIELD NAME: FROM-COURSE-SUFFIX          FORMAT:   A               |
-------------------------------------------------------------------------
```

                        -- TO-COURSE-SUFFIX --   TIS0208

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA


```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       A character that is used in combination with the course number  |
|       to uniquely identify a course within a curricular area.         |
|       Identifies the receiving institution's Course Suffix.           |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|       Should be blank for all courses at institutions which don't     |
|       use suffixes and for courses without associated suffixes.       |
|                                                                       |
|    On-line:                                                           |
|       The Course Number and Course Suffix are combined into one field |
|       with the optional suffix in the rightmost position.             |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|    NONE                                                               |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| TECHNICAL CONSIDERATIONS:                                             |
|    FILE NAME :  TIS-COURSE-EQUIVALENT       LENGTH:      1.00         |
|    FIELD NAME:  TO-COURSE-SUFFIX            FORMAT:    A             |
-------------------------------------------------------------------------
```

                    -- EQUIV-BEGIN-YEAR-TERM --   TIS0209

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

| DEFINITION: |
| The first academic year and term that the course equivalency |
| is in effect. This element is made up of equivalent begin |
| year and equivalent begin term. |

| CODING REQUIREMENTS: |
| For TIS purposes the academic year begins in the fall |
| and extends through the summer. |
| The first 6 characters are given as follows: |
| "198990" = The 1989-90 academic year, beginning in the |
| fall of 1989 and extending through the |
| summer of 1990. |
| The last character is given as follows: |
| SEMESTER CALENDAR   QUARTER CALENDAR |
| "1" = Fall   "1" = Fall |
| "2" = Spring   "2" = Winter |
| "3" = Summer   "3" = Spring |
| "4" = Summer |
| |
| NOTE: The first category of course equivalencies to be included |
| in TIS were the equivalencies established for UW Colleges |
| and WTCS college parallel courses which were effective |
| starting in the fall term of 1989. The EQUIVALENT BEGIN |
| YEAR for these equivalencies should be greater than or |
| equal to "198990". The second category of TIS course |
| equivalencies were those established for the UWS |
| baccalaureate institution and the UW-Extension |
| Independent Study courses which were effective starting |
| in the fall term of 1990. The EQUIVALENT BEGIN YEAR for |
| these equivalencies should be greater than or equal to |
| "199091". The third category of TIS course equivalencies |
| are those for the WTCS general education and program- |
| to-program articulation courses which were effective |
| starting in the fall term of 1991. The EQUIVALENT BEGIN |

                    -- EQUIV-BEGIN-YEAR-TERM --   TIS0209

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                            CONTINUED

| YEAR for these equivalencies should be greater than or |
| equal to "199192". |
| NOTE: If EQUIVALENT BEGIN YEAR and EQUIVALENT BEGIN TERM |
| are submitted as blanks and there is an equivalency for |
| the given FROM course on the TIS data base, TIS |
| processing will default the EQUIVALENT BEGIN YEAR/TERM |
| to the begin year-term of the most recent existing |
| equivalency. If EQUIVALENT BEGIN YEAR and EQUIVALENT |
| BEGIN TERM are submitted as blanks and an equivalency |
| is being added, TIS processing will default the |
| EQUIVALENT BEGIN YEAR/TERM to an appropriate begin |
| year-term (either the begin year-term of the FROM |
| course or the earliest begin year-term for the |
| equivalency category). Otherwise, if EQUIVALENT BEGIN |
| YEAR and EQUIVALENT BEGIN TERM are specified, they must |
| satisfy the earliest begin year-term constraints and be |
| greater than or equal to the begin year-term of the |
| FROM course on the TIS data base. |

| VALIDATION CRITERIA: |
| TIS0209-AE Begin Year must be six numeric digits |
| TIS0209-BE Begin Year must be in valid range |
| TIS0209-CE Begin Term must be 1, 2 or 3 if semester calendar |
| TIS0209-DE Begin Term must be 1, 2, 3 or 4 if quarter calendar |
| TIS0209-EE Begin Year/Term must be blank or complete |
| TIS0209-FE The date range specified overlaps an existing equivalency |
| TIS0209-GE An equivalency already exists for the specified date range|
| TIS0209-HE FROM Course is not offered for the specified year |
| TIS0209-IE FROM Course is not offered for the specified term |
| TIS0209-JE FROM Dept is not valid for the specified Begin Year/Term |
| TIS0209-KE The date range specified is prior to established TIS |
| ranges |

                                                            CONTINUED

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-- EQUIV-BEGIN-YEAR-TERM --   TIS0209

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

                                                        CONTINUED

| HELP INFO: |
| YEAR |
| |
| This field contains the academic year that the |
| course equivalency went into effect. For TIS |
| purposes, the academic year begins in the fall |
| term (e.g. 1991-92/1) and extends through the |
| following summer term (e.g. 1991-92/3). |
| |
| To enter the year desired, type the appropriate six |
| numbers (with an optional dash separating the years) |
| or select a year from the Help list. |
| |
| The Equivalency Begin Year and Term are used in |
| conjunction with the Equivalency End Year and Term |
| to define a range of effective year/terms for a |
| given equivalency. Usually, there is only one |
| equivalency for a given From Course where the |
| Begin Year/Term is the first term that the course |
| was offered and the End Year/Term is blank, i.e. |
| the equivalency has no end date. |
| |
| If both the Equivalency Begin Year and Term are |
| left blank when adding or updating an equivalency, |
| the Begin Year/Term is set to the begin year/term |
| of the From Course on the TIS data base. If there |
| is more than one version of the From Course, the |
| year/term of the earliest version is assigned. |
| |
| TERM |
| |
| This field contains the term that the course |
| equivalency went into effect. The term values |
| are different depending on the academic calendar |

                                                        CONTINUED

-- EQUIV-BEGIN-YEAR-TERM --   TIS0209

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

                                                    CONTINUED

| (semester or quarter) of the From Institution. |
| |
| To enter the term desired, type the appropriate |
| term digit or select a term from the Help list. |
| |
| The Equivalency Begin Year and Term are used in |
| conjunction with the Equivalency End Year and Term |
| to define a range of effective year/terms for a |
| given equivalency. Usually, there is only one |
| equivalency for a given From Course where the |
| Begin Year/Term is the first term that the course |
| was offered and the End Year/Term is blank, i.e. |
| the equivalency has no end date. |
| |
| If both the Equivalency Begin Year and Term are |
| left blank when adding or updating an equivalency, |
| the Begin Year/Term is set to the begin year/term |
| of the From Course on the TIS data base. If there |
| is more than one version of the From Course, the |
| year/term of the earliest version is assigned. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 7.00 |
| FIELD NAME: EQUIV-BEGIN-YEAR-TERM   FORMAT: A |

                    -- TO-DATA-BEGIN-YEAR-TERM --   TIS0210

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

| DEFINITION: |
| The academic year of the TO (Receiving) institution course and/or |
| the department with which the equivalency should be associated. |
| This element is made up of TO Data Year and TO Data Term. |

| CODING REQUIREMENTS: |
| For TIS purposes the academic year begins in the fall and extends |
| through the summer. |
| The first 6 characters are given as follows: |
| "198990" = The 1989-90 academic year, beginning in the |
| fall of 1989 and extending through the summer |
| of 1990. |
| The last character is given as follows: |
| SEMESTER CALENDAR   QUARTER CALENDAR |
| "1" = Fall   "1" = Fall |
| "2" = Spring   "2" = Winter |
| "3" = Summer   "3" = Spring |
| "4" = Summer |
| Batch: This element should be blank when Default |
| To Data Year/Term equals 'R' or in cases where |
| the To Non-Course Equivalent is '01','02','03', |
| 04', '21', or '23'. |
| |
| On-line: When Use To Data Year/Term equals 'Y', this element is |
| automatically filled with the year-term associated with |
| the most recent To Course or To Department. |
| When Use To Data Year/Term equals 'N', this element may |
| be blank or a specified year-term depending on the |
| value of the Non-Course Equivalent. |

| VALIDATION CRITERIA: |
| TIS0210-AE TO Data Year must be six numeric digits |

                                                              CONTINUED

                -- TO-DATA-BEGIN-YEAR-TERM --   TIS0210

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

                                                          CONTINUED
```
---------------------------------------------------------------------------
|    TIS0210-BE TO Data Year must be in valid range                       |
|    TIS0210-CE TO Data Term must be 1, 2, or 3 if semester calendar      |
|    TIS0210-DE TO Data Term must be 1, 2, 3, or 4 if quarter calendar    |
|    TIS0210-EE TO Data Year/Term must be blank for this Non-Course Equiv  |
|    TIS0210-FE TO Data Year/Term must be blank if Y/T Default is 'R'      |
|    TIS0210-GE TO Data Year/Term or Default is required                  |
|    TIS0210-HE TO Dept is not valid for the specified TO Data Year       |
|    TIS0210-IE TO Course is not offered for the specified TO Data Year   |
|    TIS0210-JE TO Course is not offered for the specified TO Data Term   |
|    TIS0210-KE TO Dept is not valid for the specified TO Data Term       |
---------------------------------------------------------------------------


---------------------------------------------------------------------------
| HELP INFO:                                                              |
|    YEAR                                                                 |
|                                                                        |
|    You may enter the year of a To Course or Department                 |
|    with which the equivalency should be associated.                    |
|    The To Data Year and Term link the equivalency to                   |
|    a specific version of the To Course on the TIS data                 |
|    base and its title, level, and GE (BR) Designations.                |
|    They also link the equivalency to a department                      |
|    record in the TIS Department/Curricular Area Table.                 |
|                                                                        |
|    Unless you want to link the equivalency to an old                   |
|    version of a course or department, you can leave                    |
|    this field, the To Data Begin Term, and the Most                    |
|    Recent To Data Default field blank and they will be                 |
|    filled in appropriately.                                            |
|                                                                        |
|    This field should be used only when the To Course                   |
|    is an actual course or the course equivalent is                     |
|    department-related (NCE = "11","12","13"),                          |
|    in which case you may:                                              |
---------------------------------------------------------------------------
```
                                                          CONTINUED

                    -- TO-DATA-BEGIN-YEAR-TERM --   TIS0210

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                          CONTINUED

| 1. Enter 'Y' ('Yes') in the Most Recent To |
| Data Default field to automatically |
| assign the year-term associated with the |
| most recent version of the To Course or To |
| Department on the TIS data base. |
| OR |
| 2. Enter 'N' ('No') in the Most Recent To |
| Data Default field and enter the To Data |
| Year directly in this field. |
| |
| When the course equivalent is NOT an actual course and |
| NOT department-related, this field should be blank. |
| |
| The year is in academic year format (e.g. 1990-91). |
| For TIS purposes, the academic year begins in the |
| fall term and extends through the following summer. |
| To enter the year desired, type the appropriate |
| six digits (with an optional dash separating the years) |
| or select a year from the Help list. |
| |
| If the Most Recent To Data Default and To Data Year/Term |
| value fields are left blank when adding or updating an |
| equivalency, the fields are automatically filled as follows: |
| - If the course equivalent is an actual course, |
| the Most Recent To Data Default is set to 'Y' |
| and the To Data Year/Term value fields are set |
| to the year/term of the most recent To Course. |
| - If the equivalent is not an actual course but is |
| department-related (NCE = "11","12","13"), |
| the Most Recent To Data Default is set to 'Y' |
| and the To Data Year/Term value fields are set |
| to the year/term of the most recent To Department. |
| - If the equivalent is not an actual course and is |
| not department-related (NCE = "01" - "05", "21", or "23"), |

-- TO-DATA-BEGIN-YEAR-TERM --   TIS0210

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

                                                            CONTINUED

| the Most Recent To Data Default is set to 'N' and |
| the To Data Year/Term value fields are left blank. |
| |
| TERM |
| |
| You may enter the term of a To Course or Department |
| with which the equivalency should be associated. |
| The To Data Year and Term link the equivalency to |
| a specific version of the To Course on the TIS data |
| base and its title, level, and GE (BR) Designations. |
| They also link the equivalency to a department |
| record in the TIS Department/Curricular Area Table. |
| |
| Unless you want to link the equivalency to an old |
| version of a course or department, you can leave |
| this field, the To Data Begin Year, and the Most |
| Recent To Data Default field blank and they will be |
| filled in appropriately. |
| |
| This field should be used only when the To Course |
| is an actual course or the course equivalent is |
| department-related (NCE = "11","12","13"), |
| in which case you may: |
| 1. Enter 'Y' ('Yes') in the Most Recent To |
| Data Default field to automatically |
| assign the year-term associated with the |
| most recent version of the To Course or To |
| Department on the TIS data base. |
| OR |
| 2. Enter 'N' ('No') in the Most Recent To |
| Data Default field and enter the To Data |
| Term directly in this field. |
| |
| When the course equivalent is NOT an actual course and |

                                                            CONTINUED

-- TO-DATA-BEGIN-YEAR-TERM --   TIS0210

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

                                                        CONTINUED

| NOT department-related, this field should be blank. |
| |
| The term values differ depending on the academic |
| calendar (semester or quarter) of the To Institution. |
| To enter the term desired, type the appropriate term |
| digit or select a term from the Help list. |
| |
| If the Most Recent To Data Default and To Data Year/Term |
| |
| value fields are left blank when adding or updating an |
| equivalency, the fields are automatically filled as follows: |
| - If the course equivalent is an actual course, |
| the Most Recent To Data Default is set to 'Y' |
| and the To Data Year/Term value fields are set |
| to the year/term of the most recent To Course. |
| - If the equivalent is not an actual course but is |
| department-related (NCE = "11","12","13'), |
| the Most Recent To Data Default is set to 'Y' |
| and the To Data Year/Term value fields are set |
| to the year/term of the most recent To Department. |
| - If the equivalent is not an actual course and is |
| not department-related (NCE = "01" - "05", "21", or "23"), |
| the Most Recent To Data Default is set to 'N' and |
| the To Data Year/Term value fields are left blank. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 7.00 |
| FIELD NAME: TO-COURSE-BEGIN-YEAR-TERM   FORMAT: A |

                        -- EQUIV-END-YEAR-TERM --   TIS0211

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

| DEFINITION: |
| The last academic year and term that the course equivalency |
| is in effect. This element is made up of equivalent end year |
| and equivalent end term. |

| CODING REQUIREMENTS: |
| The first 6 characters make up the academic year that the course |
| was last offered. They should be given as follows: |
| "198990" = The 1989-90 academic year, beginning in the |
| fall of 1989 and extending through the summer of |
| 1990. |
| The last character makes up the academic term that the course |
| was last offered. It should be given as follows: |
| SEMESTER CALENDAR   QUARTER CALENDAR |
| "1" = Fall   "1" = Fall |
| "2" = Spring   "2" = Winter |
| "3" = Summer   "3" = Spring |
| "4" = Summer |
| |
| Batch: If EQUIVALENT END YEAR and EQUIVALENT END TERM are |
| submitted as blanks and there is an equivalency for |
| the given FROM course on the TIS data base, TIS |
| processing will default the EQUIVALENT END YEAR/TERM |
| to the end year-term of the most recent existing |
| equivalency. If EQUIVALENT END YEAR and EQUIVALENT END |
| TERM are submitted as "0000000" and there is an |
| equivalency for the given FROM course, TIS processing |
| will remove the EQUIVALENT END YEAR/TERM from the most |
| recent existing equivalency. If EQUIVALENT END YEAR |
| and EQUIVALENT END TERM are submitted as blanks and an |
| equivalency is being added, TIS processing will add the |
| equivalency with no end date. |
| |
| On-line: |

                                                            CONTINUED

                    -- EQUIV-END-YEAR-TERM --   TIS0211

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                            CONTINUED
```
----------------------------------------------------------------------
|           The End Year/Term is blank when the equivalency has no    |
|           end date.  Zeros or blanks are automatically converted    |
|           to '9999999' when stored on the data base.                |
----------------------------------------------------------------------


----------------------------------------------------------------------
| VALIDATION CRITERIA:                                                 |
|    TIS0211-AE End Year must be blank or six numeric digits           |
|    TIS0211-BE End Year must be blank or in valid range               |
|    TIS0211-CE End Term must be 1, 2, or 3 if semester calendar       |
|    TIS0211-DE End Term must be 1, 2, 3, or 4 if quarter calendar     |
|    TIS0211-EE End Year/Term must follow Begin Year/Term              |
----------------------------------------------------------------------


----------------------------------------------------------------------
| HELP INFO:                                                           |
|    YEAR                                                              |
|                                                                     |
|    This field contains the last academic year that                  |
|    the course equivalency is in effect.  For TIS                     |
|    purposes, the academic year begins in the fall                    |
|    term (e.g. 1991-1992/1) and extends through the                   |
|    following summer term (e.g. 1991-1992/3).  If                     |
|    the End Year/Term is blank, the equivalency has                   |
|    no end date.                                                      |
|                                                                     |
|    To enter the year desired, type the appropriate                   |
|    six numbers (with an optional dash separating the                 |
|    years) or select a year from the Help list.                       |
|                                                                     |
|    The Equivalency Begin Year and Term are used in                   |
|    conjunction with the Equivalency End Year and Term                |
|    to define a range of effective year/terms for a                   |
|    given equivalency.  Usually, there is only one                    |
----------------------------------------------------------------------
```
                                                            CONTINUED

-- EQUIV-END-YEAR-TERM --   TIS0211

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

CONTINUED

| equivalency for a given From Course where the |
| Begin Year/Term is the first term that the course |
| was offered and the End Year/Term is blank. |
| |
| TERM |
| |
| This field contains the last term that the course |
| equivalency is in effect. The term values |
| are different depending on the academic calendar |
| (semester or quarter) of the From Institution. |
| If the End Year/Term is blank, the equivalency |
| has no end date. |
| |
| To enter the term desired, type the appropriate |
| term digit or select a term from the Help list. |
| |
| The Equivalency Begin Year and Term are used in |
| conjunction with the Equivalency End Year and |
| Term to define a range of effective year/terms |
| for a given equivalency. Usually, there is only |
| one equivalency for a given From Course where the |
| Begin Year/Term is the first term that the course |
| was offered and the End Year/Term is blank. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 7.00 |
| FIELD NAME: EQUIV-END-YEAR-TERM   FORMAT: A |

                    -- EQUIVALENCY-LAST-CHANGE-DATE --   TIS0212

     TRANSFER INFORMATION SYSTEM
     COURSE EQUIVALENCY DATA


```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       The date that the equivalency was added or the date of the most |
|       recent update to any data element on the equivalency record.    |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|       Should be a valid date (stored as YYYYMMDD).  This field may not |
|       be directly modified by the user, but is set automatically by the |
|       file update program code.                                       |
|   On-Line:                                                            |
|        Used to search for updates that were performed on a given date |
|        or a range of dates.  Specified in MMDDYYYY format.            |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|    TIS0212-AE Last Update Date must be a valid date in the form MMDDYYYY|
|    TIS0212-BE Last Update start date must precede end date            |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| HELP INFO:                                                            |
|    This field contains the date that the equivalency                 |
|    was added or the date of the most recent update                   |
|    to any data element on the equivalency record.                    |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| TECHNICAL CONSIDERATIONS:                                            |
|    FILE NAME :  TIS-COURSE-EQUIVALENT          LENGTH:      8.00      |
|    FIELD NAME:  UPDATE-DATE                    FORMAT:   A            |
-------------------------------------------------------------------------
```

                    -- CREDITS-GRANTED --   TIS0213

     TRANSFER INFORMATION SYSTEM
     COURSE EQUIVALENCY DATA

     | DEFINITION: |
     | The number of credits that will be granted by the TO (Receiving) |
     | institution upon transfer of the FROM (Sending) institution's |
     | course. |

     | CODING REQUIREMENTS: |
     | Similar to CDR element 1080 except format is 99V99. |
     | |
     | NOTE: This data element should equal zero when default credits |
     | is set, i.e. when Default Credits Granted equals 'S' for |
     | batch updates or Use From Credits equals 'Y' for on-line |
     | updates. It should also equal zero when the NCE = '23'. |

     | VALIDATION CRITERIA: |
     | TIS0213-AW Warning: Credits granted > 18 |
     | TIS0213-BE Credits Granted must be a number in the range 0-99 |
     | TIS0213-CE Credits Granted must be zero if Credits Default is 'S' |
     | TIS0213-DE Credits Granted must be zero for the specified Non-Course |
     | Equiv |
     | TIS0213-EE Credits Granted may not be less than zero |

     | HELP INFO: |
     | You may enter the number of credits that may be |
     | granted at the To Institution upon transfer of the |
     | From Course. Usually, the Credits Granted are the |
     | same as the number of credits for which the From |
     | Course is offered. Because most courses are offered |
     | for 18 or less credits, a warning message displays |
     | when the number of credits is more than 18. |

                                                             CONTINUED

                  -- CREDITS-GRANTED --   TIS0213

     TRANSFER INFORMATION SYSTEM
     COURSE EQUIVALENCY DATA

                                                            CONTINUED

| |
| To assign Credits Granted to an equivalency, you may |
| either: |
| 1. Enter 'Y' ('Yes') in the From Course |
| Credits Default field and enter blanks in |
| the Credits Granted value field to |
| automatically assign the credits associated |
| with the From Course. When a course is |
| offered for a variable number of credits, |
| the minimum number of credits is assigned. |
| OR |
| 2. Enter 'N' ('No') in the From Course Credits |
| Default field and enter the credits |
| directly in the Credits Granted value field. |
| |
| If the From Course Credits Default and this field |
| are left blank when adding or updating an |
| equivalency, the default field is set to 'Y' and |
| the Credits Granted value field is automatically |
| filled with the From Course Credits. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 2.02 |
| FIELD NAME: CREDITS-GRANTED   FORMAT: N |

UW SYSTEM ADMINISTRATION
TRANSFER INFORMATION SYSTEM (TIS)   MAINTENANCE MANUAL

Date	Title	Chapter	Page
6-12	DATA DICTIONARY – COURSE EQUIVALENCY	V	D.31

-- LEVEL-GRANTED --   TIS0214

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

```
--------------------------------------------------------------------------
| DEFINITION:                                                            |
|       A code indicating the level at the TO (Receiving) institution for |
|       which credit will be granted.                                    |
--------------------------------------------------------------------------


--------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                   |
|       UWS institutions use one of the following coding schemes:        |
|           "P" = Preparatory/Pre-Collegiate/Remedial                    |
|           "L" = Lower              "E" = Elementary                     |
|           "U" = Upper              "I" = Intermediate                   |
|                                    "A" = Advanced                      |
|                                    "D" = Intermediate or Advanced      |
|           " " = Course is exempt from level definition                 |
|                                                                        |
|           NOTE: This data element should be blank when default level   |
|                 is set, i.e. when Default Level Granted equals 'R'     |
|                 for batch updates or Use To Level equals 'Y' for       |
|                 on-line updates.  It should also be blank when         |
|                 NCE = '23'.                                            |
--------------------------------------------------------------------------


--------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                   |
|    TIS0214-AE Level Granted must be a valid code                       |
|    TIS0214-BE Level Granted must be blank if Level Default is 'R'      |
|    TIS0214-CE Level Granted must be blank for the specified Non-Course |
|              Equiv                                                     |
|    TIS0214-DE Level Granted is required for this equivalency type      |
|    TIS0214-EE Level Granted is required for this NCE when credits are  |
|              granted                                                   |
--------------------------------------------------------------------------


--------------------------------------------------------------------------
| HELP INFO:                                                             |
|    You may enter a code for the level that may be                      |
|    granted at the To Institution upon transfer of                      |
--------------------------------------------------------------------------
```

                    -- LEVEL-GRANTED --   TIS0214

     TRANSFER INFORMATION SYSTEM
     COURSE EQUIVALENCY DATA

                                                          CONTINUED

| the From Course. Some institutions use level to |
| indicate the degree of difficulty of a course and |
| may require that students earn a given number of |
| credits within a level. Institutions without |
| such requirements may leave Level Granted blank. |
| |
| The Course Level Set table defines which of the |
| two different level coding schemes is used by the |
| institution. To enter Level Granted, type the |
| appropriate code or select one from the Help list. |
| |
| When the To Course is an actual course, you may: |
| 1. Enter 'Y' ('Yes') in the To Course Level |
| Default field and enter a blank in the |
| Level Granted value field to automatically |
| assign the level associated with the To |
| Course. |
| OR |
| 2. Enter 'N' ('No') in the To Course Level |
| Default field and enter the Level Granted |
| directly in the Level Granted value field. |
| |
| When the course equivalent is NOT an actual course, |
| such as an elective, or to grant a level different |
| from the To Course, you may use only Option 2 |
| above to enter the Level Granted. |
| |
| If the To Course Level Default and this value field |
| are left blank when adding or updating an equivalency, |
| the fields are automatically filled as follows: |
| - If the course equivalent is an actual course, |
| the To Course Level Default field is set to 'Y' |
| and the Level Granted value field is set to the |
| To Course level. |

                                                          CONTINUED

                    -- LEVEL-GRANTED --   TIS0214

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                          CONTINUED

    | - If the equivalent is not an actual course, |
    | the To Course Level Default field is set to 'N' |
    | and the Level Granted value field is left blank. |

    | TECHNICAL CONSIDERATIONS: |
    | FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 1.00 |
    | FIELD NAME: LEVEL-GRANTED   FORMAT: A |

                  -- GENERAL-EDUCATION-DESIGNATION --   TIS0215

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA


```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       An abbreviation indicating how the course equivalency may be    |
|       applied to the general education (breadth) requirements at the  |
|       TO (Receiving) institution.                                     |
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|       Values should correspond to the table of GE(BR) categories      |
|       supplied by the institution.                                    |
|                                                                       |
|   NOTE: Element should be blank for a course equivalency that does not|
|         satisfy a GE requirement at an institution or when the        |
|         default GE designation is set, i.e. when Default GE Designation|
|         equals 'R' for batch updates or Use To GE Designation equals  |
|         'Y' for on-line updates.                                      |
|   NOTE: Element will contain a 'PS' for courses at institutions       |
|         where only program specific GE(BR) requirements are used.     |
|   NOTE: The first occurrence of this element is used in cases where   |
|         General Education (Breadth) elective credit (TO NON-COURSE    |
|         EQUIVALENT = "03") is granted.                                 |
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|    TIS0215-AE GE (BR) Granted must be a valid code in GE table        |
|    TIS0215-BE GE (BR) Granted must be blank if GE (BR) Default is 'R' |
|    TIS0215-CE GE (BR) Granted must be blank for the specified         |
|               Non-Course Equiv                                        |
|    TIS0215-DW Warning: Questionable GE/NCE combo                      |
|    TIS0215-EE GE (BR) Granted may not be blank for the specified      |
|               Non-Course Equiv                                        |
-------------------------------------------------------------------------
```

                                                              CONTINUED

-- GENERAL-EDUCATION-DESIGNATION --   TIS0215

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

CONTINUED
```
-----------------------------------------------------------------------
| HELP INFO:                                                          |
|    You may enter an abbreviation for a General                     |
|    Education (Breadth) Category. This designation                  |
|    indicates how the course equivalency may be                     |
|    applied to the GE (BR) requirements at the To                   |
|    Institution.                                                    |
|                                                                    |
|    Up to six different GE (BR) Designations may be                 |
|    associated with a given equivalency.  The GE table              |
|    lists valid categories and their designations for              |
|    each institution.  To enter GE (BR) Granted, type              |
|    the appropriate abbreviation or select one from                |
|    the Help list.                                                  |
|                                                                    |
|    When the To Course is an actual course, you may:               |
|         1.  Enter 'Y' ('Yes') in the To Course GE                 |
|             (BR) Default field and enter blanks in the            |
|             GE (BR) Granted value fields to automatically          |
|             assign the GE (BR) Designations associated            |
|             with the To Course.                                    |
|             OR                                                     |
|         2.  Enter 'N' ('No') in the To Course GE (BR)             |
|             Default field and enter the GE (BR) Granted           |
|             directly in the GE (BR) Granted value field(s).       |
|                                                                    |
|    When the equivalent is NOT an actual course, such              |
|    as an elective, or to grant GE (BR) different from             |
|    the To Course, you may use Option 2 above to assign            |
|    the GE (BR) Granted.                                            |
|                                                                    |
|    If the GE (BR) Default and its associated value fields         |
|    are left blank when adding or updating an equivalency,         |
|    the fields are automatically filled as follows:               |
|    -  If the course equivalent is an actual course,              |
-----------------------------------------------------------------------
```
CONTINUED

-- GENERAL-EDUCATION-DESIGNATION --   TIS0215

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

                                                    CONTINUED
```
-------------------------------------------------------------------------
|          the To Course GE (BR) Default field is set to 'Y'            |
|          and the GE (BR) Granted value field(s) is set to            |
|          the To Course GE (BR) Designation(s).                       |
|        - If the equivalent is not an actual course,                  |
|          the To Course GE (BR) Default field is set to 'N'           |
|          and the GE (BR) Granted value field(s) is left             |
|          blank.                                                      |
|                                                                      |
|        A common warning message is that the GE Designation/          |
|        NCE combination is questionable.  This occurs when            |
|        the Non-Course Equivalent (NCE) indicates that                |
|        individual decisions will be made as to how the course        |
|        will transfer but a GE (BR) Designation is assigned to        |
|        the equivalency.  In such situations, the GE                  |
|        assignment may cause confusion.  This problem can be          |
|        resolved by leaving the GE (BR) Designations blank            |
|        for the following NCE values:                                 |
|          1.  NCE = 02 (Admissions Office)                            |
|          2.  NCE = 04 (General Confer)                               |
|          3.  NCE = 12 (Departmental Confer)                          |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| TECHNICAL CONSIDERATIONS:                                            |
|    FILE NAME : TIS-COURSE-EQUIVALENT           LENGTH:      6.00     |
|    FIELD NAME: GENERAL-EDUCATION-DESIGNATION   FORMAT:   A           |
-------------------------------------------------------------------------
```

              -- EQUIVALENT-FOOTNOTE-NUMBER --   TIS0216

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA


```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       A number that links a course equivalency to a related          |
|       footnote.                                                       |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|       Code within valid range (0-9999).                              |
|                                                                       |
|       NOTE: A range of footnote numbers (between 1 and 199) is        |
|             reserved for systemwide footnotes.  A range of footnote   |
|             numbers (between 200 and 499) is reserved for footnotes   |
|             that are commonly used by the TO institution.  Footnotes  |
|             associated with one or more specific equivalencies at the |
|             TO institution are numbered in the 500-9999 range.        |
|       NOTE: This element should be zero when an equivalency has       |
|             no footnotes.                                             |
|       NOTE: This data element should not be zero when an equivalency  |
|             is designated as "No Degree Credit" (NDC), i.e. whenever  |
|             TO NON-COURSE EQUIVALENT equals "21".  In such cases,     |
|             systemwide footnote number 5 or a similar institutional   |
|             footnote should be used to clarify the credit status of   |
|             this equivalency.                                         |
|       NOTE: This data element should not be zero when an equivalency  |
|             is designated as "Does Not Transfer" (DNT), i.e. whenever |
|             TO NON-COURSE EQUIVALENT equals "23".  In such cases,     |
|             systemwide footnote number 20 or a similar institutional  |
|             footnote should be used to clarify the credit status of   |
|             this equivalency.                                         |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|    TIS0216-AE Footnote text record must be found for given Footnote   |
|              Number                                                   |
|    TIS0216-BE Footnote number must be zero if footnote does not exist |
-------------------------------------------------------------------------
```

                                                          CONTINUED

                -- EQUIVALENT-FOOTNOTE-NUMBER --   TIS0216

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

                                                          CONTINUED

    | TIS0216-CE Footnote number must be numeric (1-9999) or blank |
    | TIS0216-DW Warning: NCE may need footnote |
    | TIS0216-EE Footnote required when Non-Course Equiv = 21 (NDC) |
    | TIS0216-FW Warning: Footnote update may be needed |
    | TIS0216-GW Warning: WTCS gened may need footnote |
    | TIS0216-HW WARNING: WTCS non-gened may need footnote |
    | TIS0216-IW Warning: Default footnote added |

    | HELP INFO: |
    | You may enter a number that links a course |
    | equivalency to a related footnote text record. A |
    | range of footnote numbers (between 1 and 199) is |
    | reserved for systemwide footnotes. Other footnotes |
    | are institution-specific and the numbers range from |
    | 200-9999. |
    | |
    | Up to six different footnotes may be associated with |
    | a given course equivalency. To view or update an |
    | associated footnote text record, use the Look up Footnote |
    | option. |
    | |
    | -   To add or change a footnote number on an |
    | equivalency, type the appropriate number or |
    | select one from the list. |
    | -   To create a new footnote, first add the foot- |
    | note text record and then assign the associated |
    | footnote number to the equivalency. |
    | -   To remove a footnote number from an equivalency, |
    | use the Delete footnote button. |
    | -   To delete a footnote text record, first remove |
    | the footnote number from all equivalency |
    | records and then delete the text record. |

                                                          CONTINUED

           -- EQUIVALENT-FOOTNOTE-NUMBER --   TIS0216

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

                                                          CONTINUED

| |
| A common warning message is that the given Non-Course |
| Equivalent (NCE) should have an associated footnote. |
| This occurs in the following 3 cases where the NCE |
| alone may NOT provide ample information about how the |
| course will transfer: |
| |
| 1. NCE = 02 (Admissions Office) |
| - Systemwide footnote #4 or a similar institutional |
| footnote is recommended. |
| 2. NCE = 04 (General Confer) |
| - Systemwide footnote #11 or a similar institutional |
| footnote is recommended. |
| 3. NCE = 12 (Departmental Confer) |
| - Systemwide footnotes 2, 3 or similar institutional |
| footnotes are recommended. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 4.00 |
| FIELD NAME: FOOTNOTE-NUMBER   FORMAT: N |

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-- DEFAULT-CREDITS-GRANTED --   TIS0217

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|      A code indicating that the credits granted for the equivalency   |
|      should default to the number of credits associated with the      |
|      FROM (Sending) institution's course.                             |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|   Batch:                                                              |
|      'S' = Default to From institution's course credits.              |
|      ' ' = Do not default, but use credit amount from credits granted |
|             field.                                                    |
|   Refer to Use From Credits (TIS0417) for corresponding on-line data  |
|   element.                                                            |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|   TIS0217-AE Credits Granted Default must be blank or 'S'             |
|   TIS0217-BE Credits Granted Default must be blank for given          |
|              Non-Course Equiv                                         |
|   TIS0217-CE Credits Granted Default is inconsistent with Credits     |
|              Granted                                                  |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| HELP INFO:                                                           |
|    The From Course Credits Default Field may be used                  |
|    to automatically assign credits to an equivalency.                 |
|                                                                       |
|    If you enter 'Y' ('Yes') in this field and enter                   |
|    blanks in the Credits Granted value field, the                     |
|    Credits Granted for the equivalency will default to                |
|    those associated with the From Course.  When a                     |
|    course is offered for a variable number of credits,                |
|    the minimum number of credits is assigned.                         |
-------------------------------------------------------------------------
```

            -- DEFAULT-CREDITS-GRANTED --   TIS0217

     TRANSFER INFORMATION SYSTEM
     COURSE EQUIVALENCY DATA

                                                            CONTINUED

| |
| To grant a number of credits different from the |
| From Course, enter 'N' ('No') in the From Course |
| Credits Default field and enter the credits directly |
| in the Credits Granted value field. |
| |
| If this field and its corresponding value field are |
| left blank when adding or updating an equivalency, |
| the From Course Credits Default is set to 'Y' and |
| the Credits Granted value field is automatically |
| filled with the From Course credits. |

| TECHNICAL CONSIDERATIONS: |
| FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 1.00 |
| FIELD NAME: DEFAULT-CREDITS-GRANTED   FORMAT: A |

                    -- DEFAULT-GE-DESIGNATION-GRANTED --   TIS0218

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

    | DEFINITION: |
    | A code indicating that the General Education (Breadth) |
    | Designation(s) Granted for the equivalency should default |
    | to those associated with the TO (Receiving) institution's course. |

    | CODING REQUIREMENTS: |
    | Batch: |
    | 'R' = Default to the TO institution's course GE |
    | (BR) designations. |
    | ' ' = Do not default, but use the GE designations from the |
    | GE (Breadth) designation field. |
    | Refer to Use To GE Designation (TIS0418) for corresponding on-line |
    | data element. |

    | VALIDATION CRITERIA: |
    | TIS0218-AE GE (BR) Granted Default must be blank or 'R' |
    | TIS0218-BE GE (BR) Granted Default must be blank for given |
    | Non-Course Equiv |
    | TIS0218-CE GE Granted Default is inconsistent with GE (BR) Granted |
    | values |

    | HELP INFO: |
    | The To Course General Education (Breadth) Default |
    | field may be used to automatically assign GE (BR) |
    | Designation(s) to an equivalency. This designation |
    | indicates how the course equivalency may be applied |
    | to the GE (BR) requirements at the To Institution. |
    | |
    | If you enter 'Y' ('Yes') in this field and enter |
    | blanks in the GE (BR) Granted value fields, the GE |

                                                         CONTINUED

              -- DEFAULT-GE-DESIGNATION-GRANTED --   TIS0218

     TRANSFER INFORMATION SYSTEM
     COURSE EQUIVALENCY DATA

                                                           CONTINUED

    | (BR) Granted field(s) for the equivalency will |
    | default to those associated with the To Course. |
    | This default may only be used when the To Course is |
    | an actual course. |
    | |
    | When the course equivalent is not an actual course, |
    | such as an elective, or to grant GE (BR) different |
    | from the To Course, enter 'N' ('No') in the To Course |
    | GE (BR) Default field and enter any associated GE |
    | Designation(s) in the GE (BR) Granted value field(s). |
    | |
    | If this default and its corresponding value fields |
    | are left blank when adding or updating an equivalency, |
    | the fields are automatically filled as follows: |
    | - If the course equivalent is an actual course, |
    | the To Course GE (BR) Default field is set to 'Y' |
    | and the GE (BR) Granted value field(s) is set to |
    | the To Course (BR) Designations(s). |
    | - If the equivalent is not an actual course, |
    | the To Course GE (BR) Default field is set to 'N' |
    | and the GE (BR) Granted value field(s) is left |
    | blank. |

    | TECHNICAL CONSIDERATIONS: |
    | FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 1.00 |
    | FIELD NAME: DEFAULT-GE-DESIGNATION-GRANTED FORMAT: A |

-- DEFAULT-LEVEL-GRANTED --   TIS0219

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       A code indicating that the level granted for the equivalency    |
|       should default to the level associated with the TO (Receiving)  |
|       institution's course.                                           |
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|    Batch:                                                             |
|        'R' = Default to the TO institution's course level.            |
|        ' ' = Do not default, but use the level from the level granted |
|                field.                                                 |
|    Refer to Use To Level (TIS0419) for corresponding on-line data     |
|    element.                                                           |
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|     TIS0219-AE Level Granted Default must be blank or 'R'             |
|     TIS0219-BE Level Granted Default must be blank for specified      |
|                Non-Course Equiv                                       |
|     TIS0219-CE Level Granted Default is inconsistent with Level Granted|
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
| HELP INFO:                                                            |
|    The To Course Level Default field may be used to                   |
|    automatically assign a level to an equivalency.                    |
|    Some institutions use level to indicate the degree                 |
|    of difficulty of a course and require students to                  |
|    earn a given number of credits within a level.                     |
|    Institutions without such requirements may leave the               |
|    Level Default and Level Granted value fields blank.                |
|                                                                       |
|    If you enter 'Y' ('Yes') in this field and enter a                 |
|    blank in the Level Granted value field, the Level                  |
-------------------------------------------------------------------------
```

            -- DEFAULT-LEVEL-GRANTED --   TIS0219

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

                                                        CONTINUED

    | Granted for the equivalency will default to the |
    | level associated with the To Course. This default may |
    | be used only when the To Course is an actual course. |
    | |
    | When the course equivalent is not an actual course, |
    | such as an elective, or to grant a level different |
    | from the To Course, enter 'N' ('No') in the To Course |
    | Level Default field and enter the level directly |
    | in the Level Granted value field. |
    | |
    | If this default and its corresponding value field |
    | are left blank when adding or updating an equivalency, |
    | the fields are automatically filled as follows: |
    | - If the course equivalent is an actual course, |
    | the To Course Level Default field is set to 'Y' |
    | and the Level Granted value field is set to the |
    | To Course level. |
    | - If the equivalent is not an actual course, |
    | the To Course Level Default field is set to 'N' |
    | and the Level Granted value field is left blank. |

    | TECHNICAL CONSIDERATIONS: |
    | FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 1.00 |
    | FIELD NAME: DEFAULT-LEVEL-GRANTED   FORMAT: A |

              -- DEFAULT-TO-DATA-YEAR-TERM --   TIS0220

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA


```
------------------------------------------------------------------------
| DEFINITION:                                                          |
|       A code indicating that the equivalency should be associated    |
|       with the most recent course and/or department information      |
|       at the TO (Receiving) institution.                             |
------------------------------------------------------------------------


------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                 |
|   Batch:                                                             |
|       'R' = Default to most recent TO (Receiving) institution        |
|             department/course information.                           |
|       ' ' = Do not default, but use associated TO Data Year/Term.    |
|   Refer to Use To Data Year-Term (TIS0420) for corresponding on-line |
|   data element.                                                      |
------------------------------------------------------------------------


------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                 |
|     TIS0220-AE TO Data Year/Term Default must be blank or 'R'        |
|     TIS0220-BE TO Data Year/Term Default must be blank for given     |
|               Non-Course Equiv                                       |
|     TIS0220-CE TO Data Year/Term Default is inconsistent with TO Data|
|               Year/Term                                              |
------------------------------------------------------------------------


------------------------------------------------------------------------
| HELP INFO:                                                           |
|    The Most Recent To Data Default field may be used                 |
|    to automatically assign a To Data Year/Term to an                 |
|    equivalency.  The To Data Year/Term links the                     |
|    equivalency to a specific version of the To Course                |
|    on the TIS data base and its title, level, and                    |
|    GE (BR) Designation(s).  It also links the                        |
|    equivalency to a specific department record                       |
|    in the TIS Department/Curricular Area Table.                      |
|                                                                      |
------------------------------------------------------------------------
```

            -- DEFAULT-TO-DATA-YEAR-TERM --   TIS0220

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA

                                                           CONTINUED

| Unless you want to link the equivalency to an old |
| version of a course or department, you can leave |
| this field and the To Data Begin Year/Term fields |
| blank and they will be filled in appropriately. |
| |
| This field should be used only when the To Course |
| is an actual course or the course equivalent is |
| department-related (NCE = "11","12","13"), |
| in which case you may: |
| 1. Enter 'Y' ('Yes') in the Most Recent To |
| Data Default field to automatically |
| assign the year-term associated with the |
| most recent version of the To Course or To |
| Department on the TIS data base. |
| OR |
| 2. Enter 'N' ('No') in the Most Recent To |
| Data Default field and enter a year/term |
| in the To Data Year/Term value fields. |
| |
| When the course equivalent is NOT an actual course and |
| NOT department-related, this field should be blank. |
| |
| If this field and the To Data Year/Term value fields |
| are left blank when adding or updating an equivalency, |
| the fields are automatically filled as follows: |
| - If the course equivalent is an actual course, |
| the Most Recent To Data Default is set to 'Y' |
| and the To Data Year/Term value fields are set |
| to the year/term of the most recent To Course. |
| - If the equivalent is not an actual course but is |
| department-related (NCE = "11","12","13'), |
| the Most Recent To Data Default is set to 'Y' |
| and the To Data Year/Term value fields are set |
| to the year/term of the most recent To Department. |

                                                           CONTINUED

                -- DEFAULT-TO-DATA-YEAR-TERM --   TIS0220

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

                                                            CONTINUED

    | - If the equivalent is not an actual course and is |
    | not department-related (NCE = "01" - "05", "21", or "23"), |
    | the Most Recent To Data Default is set to 'N' and |
    | the To Data Year/Term value fields are left blank. |

    | TECHNICAL CONSIDERATIONS: |
    | FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 1.00 |
    | FIELD NAME: DEFAULT-TO-CRS-YEAR-TERM   FORMAT: A |

                -- EQUIVALENCY-LAST-CHANGE-TIME --   TIS0221

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA


```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|      The exact clock time of the last change to the associated        |
|      course equivalency record or the time when the record was added. |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| Coding Requirements:                                                  |
|      Always a valid time.  This field may not be directly modified by  |
|      the user, but is set automatically by the file update program    |
|      code.                                                            |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|            NONE.                                                      |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| TECHNICAL CONSIDERATIONS:                                             |
|    FILE NAME : TIS-COURSE-EQUIVALENT         LENGTH:       0.00       |
|    FIELD NAME: UPDATE-TIME                   FORMAT:    T             |
-------------------------------------------------------------------------
```

               -- TO-NON-COURSE-EQUIVALENT --   TIS0224

   TRANSFER INFORMATION SYSTEM
   COURSE EQUIVALENCY DATA


```
------------------------------------------------------------------------
| DEFINITION:                                                          |
|       A code that is used to designate a course equivalent which     |
|       is not an actual course at the TO (Receiving) institution.     |
------------------------------------------------------------------------


------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                 |
|            '01' = An equivalency for which general elective credit is|
|                   granted.                                           |
|            '02' = An equivalency for which the TO institution        |
|                   determines equivalency on a case-by-case basis.    |
|            '03' = An equivalency for which elective credit is granted|
|                   within a specified General Education (BR) area.    |
|            '04' = An equivalency for which students must confer with |
|                   an appropriate department, not specified, at the   |
|                   TO institution to determine whether or not         |
|                   degree credit will be granted.                     |
|            '11' = An equivalency for which departmental elective credit|
|                   is granted.                                        |
|            '12' = An equivalency for which each student must confer with|
|                   the department at the TO institution.             |
|            '13' = An equivalency for which departmental activity credit|
|                   is granted.                                        |
|            '21' = An equivalency for which no credit toward a degree is|
|                   granted.                                           |
|            '23' = An equivalency for which the associated FROM Course |
|                   does not transfer to the associated TO institution.|
|                                                                      |
|       NOTE: Element should = '00' when TO Course and TO Suffix are used|
|             to designate an actual course.                          |
|       NOTE: If this element = '01' '02' '04' '21' or '23', it is used |
|             alone to indicate an equivalent that is not an actual course.|
|       NOTE: If this element = '11' or '12' or '13', it is used in    |
|             combination with TO department/curricular area code.    |
|       NOTE: If this element equals '03', it is used in combination with|
|             the first occurrence of the GE(BR) Designation Granted. |
------------------------------------------------------------------------
```
                                                        CONTINUED

               -- TO-NON-COURSE-EQUIVALENT --   TIS0224

     TRANSFER INFORMATION SYSTEM
     COURSE EQUIVALENCY DATA

                                                        CONTINUED

| VALIDATION CRITERIA: |
| TIS0224-AE Non-Course Equiv must be blank when TO Course is used |
| TIS0224-BE Non-Course Equiv must be a valid code on the table |
| TIS0224-CE TO Dept (CAC) is needed for specified Non-Course Equiv |

| HELP INFO: |
| You may enter a code used to designate a course |
| equivalent that is not an actual course (aka |
| To Non-Course Equivalent or NCE). This field |
| is used in cases such as electives, department |
| confers, and when no degree credit is granted. |
| The Help list for this field provides the |
| codes and their definitions. To enter a Non- |
| Course Equivalent, type the appropriate two-digit |
| code or select one from the Help list. |
| |
| This field should be "00" ("Normal Equivalency") |
| when the To Course is used to designate an actual |
| course equivalent. In certain cases ("01", "02", |
| "04", "21", or "23"), this field is used alone to |
| designate the equivalent. In other cases ("11", |
| "12", or "13"), it is used in combination with the |
| To Department. When NCE = "03", it is used in |
| combination with the first GE (BR) Granted field. |

                                                        CONTINUED

          -- TO-NON-COURSE-EQUIVALENT --   TIS0224

    TRANSFER INFORMATION SYSTEM
    COURSE EQUIVALENCY DATA

    | TECHNICAL CONSIDERATIONS: |
    | FILE NAME : TIS-COURSE-EQUIVALENT   LENGTH: 2.00 |
    | FIELD NAME: TO-NON-COURSE-EQUIVALENT   FORMAT: A |

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-- MANY-TO-MANY KEY --   TIS0225

TRANSFER INFORMATION SYSTEM
COURSE EQUIVALENCY DATA

```
-------------------------------------------------------------------------
| DEFINITION:                                                           |
|       A code that is used to link multiple equivalencies together in a|
|       many to many relationship.  This field is used in batch         |
|       submissions where TIS is used to feed the u.select transfer     |
|       equivalency and degree audit system but may also be used to     |
|       report many-to-many equivalencies to the TIS database.          |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| CODING REQUIREMENTS:                                                  |
|       This is a numeric field that should be identical for all        |
|       linked equivalencies within a FROM department.                  |
|       For equivalencies within a FROM department that are not part    |
|       of a many to many relationship (most equivalencies), this       |
|       field should be zero, blank, or unique within the FROM          |
|       department.                                                     |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| VALIDATION CRITERIA:                                                  |
|             NONE.                                                     |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| HELP INFO:                                                            |
|    Equivalencies may be linked in a many to many, one to many, or many|
|    to one relationship only within a single FROM department.  There may|
|    be more than one TO department in a linked relationship.           |
-------------------------------------------------------------------------


-------------------------------------------------------------------------
| TECHNICAL CONSIDERATIONS:                                             |
|    FILE NAME : TIS-COURSE-EQUIVALENT          LENGTH:      4.00       |
|    FIELD NAME: MANY-TO-MANY-KEY               FORMAT:   N            |
-------------------------------------------------------------------------
```