

Demo File Creation Worksheet

Demo 064F

Term: Summer II 06 FDS

Run From Colleague:	Application/Report	Time Frame: 7/5/06
Snapshot	XIR1	
Snapshot	XIR2	
Manually	XIR3	
Run From Colleague Query Builder:	Query I:\Research Data\Student Information System\Syntax	Changes Required
Manually	IR STUDENTS by term.wis	term file name and path save list
Manually	Save Foreign Person Alien Status.wis	get list file name and path
Automatically Creates and Imports: fpalst <u>summer II 2006 FDS</u> .txt		
Files Created and Imported via WebExport:	Application/Report	IR File Name: I:\Research Data\Student Information System\Raw Data files
X_IR_EX_COURSE_FILE_	XIR1	COURSE <u>JUL 0506</u> .DAT
X_IR_EX_HEADCOUNT_FILE_	XIR2	HEADCOUNT <u>JUL 0506</u> .DAT
X_IR_EX_STUDENT_FILE_	XIR3	STUDENT <u>JUL 0506</u> .DAT
X_IR_EX_COLLEGE_FILE_	XIR3	COLLEGE <u>JUL 0506</u> .DAT
X_IR_EX_DEGREES_FILE_	XIR3	DEGREES <u>JUL 0506</u> .DAT
X_IR_EX_SPOPS_FILE_	XIR3	SPOPS <u>JUL 0506</u> .DAT
X_IR_EX_TESTS_FILE_	XIR3	TESTS <u>JUL 0506</u> .DAT
SPSS SYNTAX:		
I:\Research Data\Student Information System\Syntax\Colleague Demo 04032007.SPS 01242006		
See syntax for changes:		
From: <u>One Tenth Day</u> <u>Jul 11 06</u> <u>064T</u> <u>OTD</u>	To: <u>First Day of Session</u> (3) <u>JUL 0506</u> (4) <u>064F</u> <u>FDS</u> (1) (26)	
Transfers: <u>4</u>	Awards: <u>8</u>	
H:\DEMO file instructions\Demo to Official Enrollment comparison.SPS		
From: <u>064T</u>	To: <u>064F</u>	

Summer II 06 OTD

File Information

[DataSet1] I:\Research Data\Student Information System\First Day of Session\Demo 064F.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

V op
1-31-07

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
crprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
reprace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.4	65	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
tcred.4	66	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	67	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	68	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occddeg.1	69	occddeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
awdmo.2	70	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	71	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	72	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	73	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	74	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	75	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	76	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	77	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	78	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	79	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	80	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	81	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	82	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	83	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	84	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	85	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	86	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	87	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	88	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	89	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	90	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	91	Extract Date	Nominal	10	Left	A10	A10
term	92	Session	Nominal	7	Left	A7	A7
credits	93	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	94	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	95	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	96	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	97	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	98	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	99	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	100	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	101	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	102	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
credro	103	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	104	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credwd	105	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	106	Student Status in Term	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
multi	107	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	108	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White
	rescode	INDI
INDV		Virtual College In District
INID		International In District
INOD		International Out of District
INOS		International Out of State
ODI		Out of District
ODV		Virtual College Out of District
OUST		Out of State
OSV		Virtual College Out of State
REVN		Residency Verification Needed
SCIN		Invalid Code
SCOD	Invalid Code	

Variable Values

Value		Label
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
	TR	Transfer
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
prevdeg	UN	Undecided
	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
	repace	AF
AS		Asian
HI		Hispanic
NI		Native American
NR		Non Resident Alien
UN		Race Unknown
	WH	White

*****Summer II 2006 First Day of Session.
*****Colleague DEMO 2004.SPS, January 24, 2006
*****Prior to running this syntax several Replace All commands must occur.
*****First, the date portion of the raw data files must be adjusted. For example, Replace all
'SEP1404' with 'JAN2304'.
*****Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with
'Winter 2004'.
*****The foreign person alien status file has a different naming convention and must also be
replaced.
*****Replace 'OTD' with 'EOS', for example. The output file term identifier needs to be
replaced as well,
*****for example 045F with 045T or 041T with 041E.
*****Replace the full Headcount file name in order to ensure that the correct extract is used
for counting purposes.
*****Replace " ** of Session" sub-directory.
*****This syntax has been change for new XIR2 headcount extract.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006
Raw Data\STUDENTJUL0506.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
fmrlname A26
fmrfname A16
fmrname A15
rescnty A6
resstt A2
rescntry A5
alien A1
primlang A10
imimig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
```

vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrmmname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'

primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'

'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*****Prepare file for merge.

SORT CASES BY
id (A) .

*****Remove blanks and test accounts.

FILTER OFF.
USE ALL.
SELECT IF(id ~= ')

```
' & id ~= '' & id NE '0554404' & id NE '0616743' &
  id NE '0616744' & id NE '0616750' & id NE '0616751'
  & id NE '0613236').
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'
/COMPRESSED.
```

```
*****Create the Student Foreign Person Alien Status variable (fpalst), which is the
corrected
*****alien status for students during the terms Summer 2003 until the XIR3 Colleague
extract
***** is corrected to bring in this variable from the Foreign Person file rather than the
Person file.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006
Raw Data'+
'fpalst Summer II 2006 FDS.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .
```

```
VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.
```

```
CACHE.
EXECUTE.
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Foreign
Person 064F.sav'
/COMPRESSED.
```

```
***** Add fpalst (Corrected Alien Status).
```

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006
Raw Data\Foreign Person 064F.sav'
/BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'  
/COMPRESSED.
```

```
*****Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign  
person  
*****alien status. State and federal reporting requirements include reporting non-resident  
aliens  
*****as a separate race/ethnicity.
```

```
STRING reprice (A8).  
IF (fpalst = 'Y') reprice = 'NR' .  
IF (fpalst NE 'Y') reprice = ethnic .  
VARIABLE LABELS reprice 'Reported Race/Ethnicity' .  
EXECUTE .
```

```
value labels reprice 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'  
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'  
/COMPRESSED.
```

```
*****Develop the transfers file, which provides the codes for and credits earned at  
other colleges  
*****students attended.
```

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006  
Raw Data'+  
'\COLLEGEJUL0506.DAT'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
ssn A11  
lname A26  
fname A16  
mname A15  
homcmp A2  
prvcmp A2  
tcoll A35  
cred F8.2.  
CACHE.  
EXECUTE.
```

```
FILTER OFF.  
USE ALL.
```


SELECT IF(id ~='

```
' & id NE ').  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

VARIABLE LABELS

```
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006  
\Transfer064F.sav'  
/DROP=cred /COMPRESSED.
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Transfer064F.sav'.
```

```
SORT CASES BY id .
```

```
CASESTOVARS
```

```
/ID = id
```

```
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006  
\Transfer064F.sav'.
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'.
```

```
MATCH FILES /FILE=*
```

```
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Transfer064F.sav'
```

```
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
```

```
/BY id
```

```
/DROP= d0 d1 d2 d3 d4 d5.
```

```
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'  
/COMPRESSED.
```

```
*****Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files  
*****created prior to Summer I 2003 due to changes in the extract process.
```

```
GET DATA /TYPE = TXT
```

```
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006
Raw Data'+
\DEGREESJUL0506.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.
```

VARIABLE LABELS

```
id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.
```

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~#)

```
' & id NE ' ).  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~=' ') occdeg = CONCAT(major,',' ,spec,',' ,awd) .  
IF (spec = ' ') occdeg = CONCAT (major,',' ,awd).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous  
OCC Degrees 064F.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous OCC  
Degrees 064F.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous  
OCC Degrees 064F.sav' .
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous OCC  
Degrees 064F.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'  
/COMPRESSED.
```

```
*****To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file.  
The  
*****following syntax creates the needed variables using the same counting rules as the  
*****official enrollment report. Status is the term status.
```

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006  
Raw Data'+  
'HEADCOUNTJUL0506.DAT'  
/DELCASE = LINE  
/DELIMITERS = " , "
```



```
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
run A10  
term A7  
pref A3  
num F6  
section A5  
loc A2  
syn F6  
acs F4.2  
strt A8  
end A8  
type A3  
cred F4.2  
cont F5.2  
id a10  
hmcp A2  
last A13  
first A11  
midd A10  
grde F2.1  
regstat A1  
stat A1
```

```
CACHE.  
EXECUTE.
```

```
FILTER OFF.  
USE ALL.
```

VARIABLE LABELS

```
run 'Extract Date'  
term 'Session'  
pref 'Course Prefix'  
num 'Course Number'  
section 'Course Section Number'  
loc 'Course Location'  
syn 'Course Synonym'  
acs 'Course Activity Classification Structure Code'  
strt 'Course Start Date'  
end 'Course End Date'  
type 'Course Type'  
cred 'Course Credit Hours'  
cont 'Course Contact Hours'  
id 'Student ID Number'  
hmcp 'Student Home Campus'  
last 'Student Last Name'  
first 'Student First Name'  
midd 'Student Middle Name'
```

grde 'Student Course Grade'
regstat 'Registration Status'
stat 'Student Status in Course'

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~= ')

' & id ~= ' ' & id NE '0554404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').
EXECUTE .

*****For Summer I 2005only.
*****FILTER OFF.
*****USE ALL.
*****SELECT IF (strt NE '07/01/05' & strt NE '07/03/05' & strt NE '07/05/05' & strt
NE '07/06/05'
*****& strt NE '07/07/05' & strt NE '07/08/05' & strt NE '07/11/05'
*****& strt NE '07/12/05' & strt NE '07/13/05' & strt NE '07/21/05' & strt NE
'08/15/05').
*****EXECUTE.

*****For Summer II 2004 only.
*****FILTER OFF.
*****USE ALL.
*****SELECT IF (strt NE '03/15/04' & strt NE '05/10/04' & strt NE '05/11/04' & strt
NE '05/12/04'
*****& strt NE '05/13/04' & strt NE '05/14/04' & strt NE '05/15/04'
*****& strt NE '05/17/04' & strt NE '06/02/04' & strt NE '06/05/04'
*****& strt NE '06/07/04' & strt NE '06/08/04' & strt NE '06/21/04' & strt NE
'06/28/04').
*****EXECUTE.

*****For Summer I 2006.
*****FILTER OFF.
*****USE ALL.
*****SELECT IF (strt NE '06/29/06' & strt NE '06/30/06' & strt NE '07/02/06' & strt
NE '07/05/06' & strt NE '07/06/06'
*****& strt NE '07/07/06' & strt NE '07/10/06' & strt NE '07/11/06'
*****& strt NE '07/18/06' & strt NE '08/14/06').
*****EXECUTE.

*****For Summer II 2006.
FILTER OFF.
USE ALL.
SELECT IF (strt EQ '06/29/06' OR strt EQ '06/30/06' OR strt EQ '07/02/06' OR strt EQ '07/05/06' OR strt
EQ '07/06/06'
OR strt EQ '07/07/06' OR strt EQ '07/10/06' OR strt EQ '07/11/06' OR strt EQ '07/12/06' OR strt EQ
'07/13/06'
OR strt EQ '07/17/06' OR strt EQ '07/18/06' OR strt EQ '07/20/06' OR strt EQ '08/14/06').
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.

IF (loc = 'AH') campah = 1 .

```
IF (loc = 'HL') camphi = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsfsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
  campdw = 1.
EXECUTE .
```

```
IF (loc = 'AH') credah = cred .
IF (loc = 'HL') credhl = cred.
IF (loc = 'OR') credor = cred.
IF (loc = 'RO') credro = cred.
IF (loc = 'SF') credsf = cred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
  creddw = cred.
EXECUTE .
```

```
RECODE
  cred campah camphi campor campro campsfsf campdw credah credhl
  credor credro credsf creddw (MISSING=0) .
EXECUTE .
```

```
AGGREGATE
  /OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\course activity
  064F.sav'
  /BREAK=id run term
  /credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM
  (campah) /camphi 'Courses'+
  ' Taken at Highland Lakes' = SUM(camphi) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
  /campro 'Courses Taken at'+
  ' Royal Oak' = SUM(campro) /campsfsf 'Courses Taken at Southfield' = SUM(campsfsf) /campdw 'Courses
  Taken District Wide' =
  SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at
  Highland Lakes' =
  SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at
  Royal Oak' =
  SUM(credro) /credfsfsf 'Credits Registered at Southfield' = SUM(credfsfsf) /creddw 'Credits Registered District
  Wide' =
  SUM(creddw).
```

```
GET
  FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\course activity
  064F.sav'.
```

```
IF ((campah + camphi + campor + campro + campsfsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .
```

```
IF ((campah > 0 & camphi > 0) OR
  (campah > 0 & campor > 0) OR
  (campah > 0 & campro > 0) OR
  (campah > 0 & campsfsf > 0) OR
```



```
(campah > 0 & campdw > 0) OR
(camphi > 0 & campor > 0) OR
(camphi > 0 & campro > 0) OR
(camphi > 0 & campsf > 0) OR
(camphi > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .
```

```
FORMATS campah (F8.0) / camphi (F8.0) / campor (F8.0) / campro (F8.0) / campsf (F8.0) / campdw
(F8.0).
EXECUTE.
FORMATS multi (F8.0).
EXECUTE.
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\course
activity 064F.sav'
/COMPRESSED.
```

```
*Merge course activity into demo file.
```

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\course activity
064F.sav'
/BY id.
EXECUTE.
```

```
*****Create "FTIAC" variable.
*****Calculate FTIAC (First Time in Any College). Note the following: status refers to
active
*****status in at least one course. 'admst' (Admit Status) refers to the student's self-
reported
*****admission status, with FT being First Time in Any College. Previous Session
(prevsess)
*****null indicates no prior registration at OCC. Highest degree obtained previously
(prevdeg)
*****greater than 6 indicates high school graduate, GED, unknown, or hasn't
graduated high
*****school. Transfer college (tcoll) variables indicate activity at other colleges, except
those
*****indicated within the syntax which are Tech Prep programs at OCC. A credit
program (crprog)
```

*****of Guest or High School Dual Enrollment eliminates a student from being considered as
*****first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate
*****attendance at OCC.

STRING ftiac (A2).

IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 = 'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+
' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+
' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CĒEB'
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~= 'HSG' & occdeg.1 = '') ftiac = 'Y'.

VARIABLE LABELS ftiac 'Calculated FTIAC'.
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'
/COMPRESSED.

*****Compare data to Official Enrollment.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064F.sav'.

SAVE OUTFILE='I:\Research Data\Student Information System\First Day of Session\Demo 064F.sav'
/COMPRESSED.

File Information

I:\Research Data\Student Information System\First Day of Session\Demo 064F.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

cap 1-30-07

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
crprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
reprace	57	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	58	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	59	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	60	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	61	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	62	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	63	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.4	64	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
tcred.4	65	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	66	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	67	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occddeg.1	68	occddeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.2	69	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
awdyr.2	70	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	71	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	72	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	73	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	74	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	75	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	76	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	77	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	78	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	79	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	80	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	81	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	82	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	83	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	84	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	85	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	86	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	87	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	88	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	89	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	90	Extract Date	Nominal	10	Left	A10	A10
term	91	Session	Nominal	7	Left	A7	A7
credits	92	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	93	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	94	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	95	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	96	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	97	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	98	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	99	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	100	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	101	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
credro	102	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	103	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credwd	104	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	105	Student Status in Term	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
multi	106	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	107	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White
	rescode	INDI
INDV		Virtual College In District
INID		International In District
INOD		International Out of District
INOS		International Out of State
OU DI		Out of District
OU DV		Virtual College Out of District
OUST		Out of State
OUSV		Virtual College Out of State
REVN		Residency Verification Needed
SCIN		Invalid Code
SCOD		Invalid Code

Variable Values

Value		Label
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
	TR	Transfer
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
prevdeg	UN	Undecided
	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
repace	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	NR	Non Resident Alien
	UN	Race Unknown
WH	White	

File Information

I:\Research Data\Student Information System\One Tenth Day\Demo 064T.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

ap-1-29-07 ✓

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
cprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
repace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.4	65	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
tcred.4	66	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	67	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	68	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occddeg.1	69	occddeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
awdmo.2	70	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	71	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	72	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	73	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	74	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	75	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	76	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	77	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	78	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	79	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	80	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	81	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	82	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	83	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	84	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	85	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	86	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	87	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	88	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	89	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	90	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	91	Extract Date	Nominal	10	Left	A10	A10
term	92	Session	Nominal	7	Left	A7	A7
credits	93	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	94	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	95	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	96	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	97	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	98	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	99	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	100	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	101	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	102	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
credro	103	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	104	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credwd	105	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	106	Student Status in Term	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
multi	107	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	108	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White
	rescode	INDI
INDV		Virtual College In District
INID		International In District
INOD		International Out of District
INOS		International Out of State
ODI		Out of District
ODV		Virtual College Out of District
OUST		Out of State
OSV		Virtual College Out of State
REVN		Residency Verification Needed
SCIN		Invalid Code
SCOD		Invalid Code

Variable Values

Value	Label	
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
	TR	Transfer
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
prevdeg	UN	Undecided
	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
	repace	AF
AS		Asian
HI		Hispanic
NI		Native American
NR		Non Resident Alien
UN		Race Unknown
	WH	White

Demo File Creation Worksheet

Demo *D64T*

Term: *Summer II 2006*

Run From Colleague:	Application/Report	Time Frame:
Snapshot	XIR1	<i>7/11/06</i>
Snapshot	XIR2	<i>7/11/06</i>
Manually	XIR3	<i>7/11/06</i>
Run From Colleague Query Builder:	Query	Changes Required
	I:\Research Data\Student Information System\Syntax	
Manually	IR STUDENTS by term.wis	term file name and path save list
Manually	Save Foreign Person Alien Status.wis	get list file name and path
Automatically Creates and Imports: fpalst <i>Summer II 2006 DTD</i> .txt		
Files Created and Imported via WebExport:	Application/Report	IR File Name:
		I:\Research Data\Student Information System\Raw Data files
X_IR_EX_COURSE_FILE_	XIR1	COURSE <i>JUL 1106</i> .DAT
X_IR_EX_HEADCOUNT_FILE_	XIR2	HEADCOUNT <i>JUL 1106</i> .DAT
X_IR_EX_STUDENT_FILE_	XIR3	STUDENT <i>JUL 1106</i> .DAT
X_IR_EX_COLLEGE_FILE_	XIR3	COLLEGE <i>JUL 1106</i> .DAT
X_IR_EX_DEGREES_FILE_	XIR3	DEGREES <i>JUL 1106</i> .DAT
X_IR_EX_SPOPS_FILE_	XIR3	SPOPS <i>JUL 1106</i> .DAT
X_IR_EX_TESTS_FILE_	XIR3	TESTS <i>JUL 1106</i> .DAT
SPSS SYNTAX:		
I:\Research Data\Student Information System\Syntax\Colleague Demo 01032007 .SPS		
See syntax for changes: <i>01242006</i>		
From: <i>Summer 2006</i>	To: <i>Raw Data files\Summer 2006</i>	
<i>some to point to</i>	<i>WIP folder</i>	
Transfers: <i>4</i>	Awards: <i>8</i>	
H:\DEMO file instructions\Demo to Official Enrollment comparison.SPS		
From: <i>071</i>	To: <i>064</i>	

Note: can't find paperwork

*****Summer II 2006 One Tenth Day.
*****Colleague DEMO 2004.SPS, January 24, 2006
*****Prior to running this syntax several Replace All commands must occur.
*****First, the date portion of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.
*****Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.
*****The foreign person alien status file has a different naming convention and must also be replaced.
*****Replace 'OTD' with 'otd', for example. The output file term identifier needs to be replaced as well,
*****for example 045T with 051F or 045T with 041T.
*****Replace the full Headcount file name in order to ensure that the correct extract is used for counting purposes.
*****Replace " ** of Session" sub-directory.
*****This syntax has been change for new XIR2 headcount extract.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006 Raw Data\STUDENTJUL1106.DAT'
/DELCASE = LINE
/DELIMITERS = " , "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
fmrlname A26
fmrfname A16
fmrname A15
rescnty A6
resstt A2
rescntry A5
alien A1
```

primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2

credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'

brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hsctny 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*****Prepare file for merge.

SORT CASES BY
id (A) .

*****Remove blanks and test accounts.

FILTER OFF.

USE ALL.

SELECT IF (id NE '' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404').
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'
/COMPRESSED.

*****Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected
*****alien status for students during the terms Summer 2003 until the XIR3 Colleague extract
***** is corrected to bring in this variable from the Foreign Person file rather than the Person file.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006 Raw Data'+
'fpalst Summer II 2006 OTD.txt'

/DELCASE = LINE

/DELIMITERS = " , "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

fpalst A2 .

VARIABLE LABELS

id 'Student ID'

fpalst 'Corrected Alien Status'.

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Foreign Person 064T.sav'
/COMPRESSED.

***** Add fpalst (Corrected Alien Status).

GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006 Raw Data\Foreign Person 064T.sav'
/BY id.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'
/COMPRESSED.

*****Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person
*****alien status. State and federal reporting requirements include reporting non-resident aliens
*****as a separate race/ethnicity.

STRING repace (A8).
IF (fpalst = 'Y') repace = 'NR' .
IF (fpalst NE 'Y') repace = ethnic .
VARIABLE LABELS repace 'Reported Race/Ethnicity' .
EXECUTE .

value labels repace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'
/COMPRESSED.

*****Develop the transfers file, which provides the codes for and credits earned at other colleges
*****students attended.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006 Raw Data'+
'COLLEGEJUL1106.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=')
```

```
' & id NE '').  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

```
VARIABLE LABELS
```

```
id 'Student ID'
```

```
ssn 'Social Security Number'
```

```
lname 'Last Name'
```

```
fname 'First Name'
```

```
mname 'Middle Name'
```

```
homcmp 'Home Campus'
```

```
prvcmp 'Previous Home Campus'
```

```
tcoll 'Transfer College'
```

```
tcred 'Credits from Transfer College'.
```

```
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Transfer064T.sav'  
/DROP=cred /COMPRESSED.
```

```
GET
```

```
FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Transfer064T.sav'.
```

```
SORT CASES BY id .
```

```
CASESTOVARS
```

```
/ID = id
```

```
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Transfer064T.sav'.
```

```
GET
```

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Transfer064T.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'
/COMPRESSED.
```

```
*****Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files
*****created prior to Summer III 2003 due to changes in the extract process.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006 Raw Data'+
'DEGREESJUL1106.DAT'
/DELIMITERS = " , "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.
```

VARIABLE LABELS

id 'Student ID'

ssn 'Social Security Number'

lname 'Last Name'

fname 'First Name'

mname 'Middle Name'

homcmp 'Home Campus'

prvcmp 'Previous Home Campus'

major 'Primary Subject Area'

spec 'Specialization Area'

awd 'Previous OCC Award Type'

awdmo 'Previous OCC Degree Month'

awdyr 'Previous OCC Degree Year'.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=


```
' & id NE ' ).  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= ' ') occdeg = CONCAT(major,':',spec,':',awd) .  
IF (spec = ' ') occdeg = CONCAT (major,':',awd).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous OCC Degrees 064T.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous OCC Degrees 064T.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous OCC Degrees 064T.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Previous OCC Degrees 064T.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'
```

/COMPRESSED.

*****To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The
*****following syntax creates the needed variables using the same counting rules as the
*****official enrollment report. Status is the term status.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006 Raw Data'+
'HEADCOUNTJUL1106.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
run A10
term A7
pref A3
num F6
section A5
loc A2
syn F6
acs F4.2
strt A8
end A8
type A3
cred F4.2
cont F5.2
id a10
hmcp A2
last A13
first A11
midd A10
grde F2.1
```

regstat A1
stat A1

CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

run 'Extract Date'
term 'Session'
pref 'Course Prefix'
num 'Course Number'
section 'Course Section Number'
loc 'Course Location'
syn 'Course Synonym'
acs 'Course Activity Classification Structure Code'
strt 'Course Start Date'
end 'Course End Date'
type 'Course Type'
cred 'Course Credit Hours'
cont 'Course Contact Hours'
id 'Student ID Number'
hmcp 'Student Home Campus'
last 'Student Last Name'
first 'Student First Name'
midd 'Student Middle Name'
grde 'Student Course Grade'
regstat 'Registration Status'
stat 'Student Status in Course'

EXECUTE.

FILTER OFF.

USE ALL.
SELECT IF(id ~= ')

' & id ~= ' ' & id NE '0554404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').
EXECUTE .

*****For Summer I 2005only.
*****FILTER OFF.
*****USE ALL.
*****SELECT IF (str NE '07/01/05' & str NE '07/03/05' & str NE '07/05/05' & str NE '07/06/05'
*****& str NE '07/07/05' & str NE '07/08/05' & str NE '07/11/05'
*****& str NE '07/12/05' & str NE '07/13/05' & str NE '07/21/05' & str NE '08/15/05').
*****EXECUTE.

*****For Summer II 2004 only.
*****FILTER OFF.
*****USE ALL.
*****SELECT IF (str NE '03/15/04' & str NE '05/10/04' & str NE '05/11/04' & str NE '05/12/04'
*****& str NE '05/13/04' & str NE '05/14/04' & str NE '05/15/04'
*****& str NE '05/17/04' & str NE '06/02/04' & str NE '06/05/04'
*****& str NE '06/07/04' & str NE '06/08/04' & str NE '06/21/04' & str NE '06/28/04').
*****EXECUTE.

*****For Summer I 2006.
*****FILTER OFF.
*****USE ALL.
*****SELECT IF (str NE '06/29/06' & str NE '06/30/06' & str NE '07/02/06' & str NE '07/05/06' & str NE '07/06/06'
*****& str NE '07/07/06' & str NE '07/10/06' & str NE '07/11/06'
*****& str NE '07/18/06' & str NE '08/14/06').
*****EXECUTE.

*****For Summer II 2006.
FILTER OFF.
USE ALL.
SELECT IF (str EQ '06/29/06' OR str EQ '06/30/06' OR str EQ '07/02/06' OR str EQ '07/05/06' OR str EQ '07/06/06'
OR str EQ '07/07/06' OR str EQ '07/10/06' OR str EQ '07/11/06' OR str EQ '07/12/06' OR str EQ '07/13/06'

```
OR strt EQ '07/17/06'.OR strt EQ '07/18/06' OR strt EQ '07/20/06' OR strt EQ '08/14/06').  
EXECUTE.
```

```
FILTER OFF.  
USE ALL.  
SELECT IF(stat = 'A').  
EXECUTE.
```

```
IF (loc = 'AH') campah = 1 .  
IF (loc = 'HL') camphl = 1.  
IF (loc = 'OR') campor = 1.  
IF (loc = 'RO') campro = 1.  
IF (loc = 'SF') campsf = 1.  
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')  
  campdw = 1.  
EXECUTE .
```

```
IF (loc = 'AH') credah = cred .  
IF (loc = 'HL') credhl = cred.  
IF (loc = 'OR') credor = cred.  
IF (loc = 'RO') credro = cred.  
IF (loc = 'SF') credsf = cred.  
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')  
  creddw = cred.  
EXECUTE .
```

```
RECODE  
  cred campah camphl campor campro campsf campdw credah credhl  
  credor credro credsf creddw (MISSING=0) .  
EXECUTE .
```

```
AGGREGATE  
/OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\course activity 064T.sav'  
/BREAK=id run term
```

```
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM(campah) /camphi 'Courses'+  
' Taken at Highland Lakes' = SUM(camphi) /campor 'Courses Taken at Orchard Ridge' = SUM(campor) /campro 'Courses Taken at'+  
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses Taken District Wide' =  
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhi 'Credits Registered at Highland Lakes' =  
SUM(credhi) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at Royal Oak' =  
SUM(credro) /credsf 'Credits Registered at Southfield' = SUM(credsf) /creddw 'Credits Registered District Wide' =  
SUM(creddw).
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\course activity 064T.sav'.
```

```
IF ((campah + camphi + campor + campro + campsf + campdw) > 0) status = 1 .
```

```
VARIABLE LABELS status 'Student Status in Term' .
```

```
EXECUTE .
```

```
IF ((campah > 0 & camphi > 0) OR  
(campah > 0 & campor > 0) OR  
(campah > 0 & campro > 0) OR  
(campah > 0 & campsf > 0) OR  
(campah > 0 & campdw > 0) OR  
(camphi > 0 & campor > 0) OR  
(camphi > 0 & campro > 0) OR  
(camphi > 0 & campsf > 0) OR  
(camphi > 0 & campdw > 0) OR  
(campor > 0 & campro > 0) OR  
(campor > 0 & campsf > 0) OR  
(campor > 0 & campdw > 0) OR  
(campro > 0 & campsf > 0) OR  
(campro > 0 & campdw > 0) OR  
(campsf > 0 & campdw > 0)) multi = 1.
```

```
VARIABLE LABELS multi 'Attends multiple campuses'.
```

```
EXECUTE .
```

```
FORMATS campah (F8.0) / camphi (F8.0) / campor (F8.0) / campro (F8.0) / campsf (F8.0) / campdw (F8.0).
```

EXECUTE.
FORMATS multi (F8.0).
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\course activity 064T.sav'
/COMPRESSED.

*Merge course activity into demo file.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\course activity 064T.sav'
/BY id.
EXECUTE.

*****Create "FTIAC" variable.
*****Calculate FTIAC (First Time in Any College). Note the following: status refers to active
*****status in at least one course. 'admst' (Admit Status) refers to the student's self-reported
*****admission status, with FT being First Time in Any College. Previous Session (prevsess)
*****null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)
*****greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high
*****school. Transfer college (tcoll) variables indicate activity at other colleges, except those
*****indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)
*****of Guest or High School Dual Enrollment eliminates a student from being considered as
*****first time in any college. Finally, presence of ocdeg.1 (Previous OCC degree) would indicate
*****attendance at OCC.

STRING ftiac (A2).
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+


```
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+  
' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = '') ftiac = 'Y' .
```

```
VARIABLE LABELS ftiac 'Calculated FTIAC' .  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Demo 064T.sav'  
/COMPRESSED.
```

```
*****Compare data to Official Enrollment.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006\Demo 064T.sav'.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\One Tenth Day\Demo 064T.sav'  
/COMPRESSED.
```

File Information

I:\Research Data\Student Information System\End of Session\Demo 064E.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

← 08.1.10

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
crprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
reprace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.4	65	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
tcred.4	66	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	67	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	68	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occddeg.1	69	occddeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12

Variables in the working file

← 08/1-16

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
multi	107	Attends multiple campuses	Scale	10	Right	F8.2 F8	F8.2 F8
ftiac	108	Calculated FTIAC	Nominal	7	Left	A2	A2

corrected
guy

Variables in the working file

Variable Values

Value	Label	
immig	AU	Au Pair
	F1	F-1 Student
	NI	Non-Immigrant
	NR	Non-Resident Alien
	OI	Other International
	PR	Permanent Resident
	RA	Resident Alien
	RE	Refugee/Asylee
	TR	Temporary Resident
	UN	Unknown
ethnic	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	UN	Race Unknown
	WH	White
rescode	INDI	In District
	INDV	Virtual College In District
	INID	International In District
	INOD	International Out of District
	INOS	International Out of State
	OU DI	Out of District
	OU DV	Virtual College Out of District
	OUST	Out of State
	OUSV	Virtual College Out of State
	REVN	Residency Verification Needed
	SCIN	Invalid Code
	SCOD	Invalid Code

Variable Values

Value		Label
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
	TR	Transfer
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
prevdeg	UN	Undecided
	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
repace	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	NR	Non Resident Alien
	UN	Race Unknown
	WH	White

Frequencies: Summer II 2006

Statistics

Course Start Date

N	Valid	29347
	Missing	0

Course Start Date

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	05/08/06	8782	29.9	29.9	29.9
	05/09/06	9017	30.7	30.7	60.7
	05/10/06	1968	6.7	6.7	67.4
	05/11/06	1391	4.7	4.7	72.1
	05/12/06	253	.9	.9	73.0
	05/13/06	60	.2	.2	73.2
	05/15/06	82	.3	.3	73.4
	05/16/06	44	.1	.1	73.6
	05/30/06	98	.3	.3	73.9
	06/05/06	25	.1	.1	74.0
	06/15/06	16	.1	.1	74.1
	06/16/06	40	.1	.1	74.2
	06/19/06	51	.2	.2	74.4
	06/22/06	20	.1	.1	74.4
	07/02/06	11	.0	.0	74.5
	07/05/06	3937	13.4	13.4	87.9
	07/06/06	3046	10.4	10.4	98.3
	07/07/06	56	.2	.2	98.5
	07/10/06	100	.3	.3	98.8
	07/11/06	199	.7	.7	99.5
	07/12/06	15	.1	.1	99.5
	07/13/06	14	.0	.0	99.6
	07/17/06	46	.2	.2	99.7
	07/18/06	45	.2	.2	99.9
	07/20/06	17	.1	.1	100.0
	08/14/06	14	.0	.0	100.0
	Total	29347	100.0	100.0	

*****END OF SESSION DEMO (INCORPORATING GRADE TO DETERMINE COURSE STATUS)**

****Prior to running this syntax several Replace All commands must occur. First, the date portion**

****of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.**

****Next, the term file in the Research Data file must be replaced, e.g. 'Fall 2004' with 'Winter 2004'.**

****The foreign person alien status file has a different naming convention and must also be replaced.**

****Replace 'eos' with 'eos', for example. The output file term identifier needs**

****to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount**

****file name in order to ensure that the correct extract is used for counting purposes.**

***Replace "Updated ** of Session" sub-directory.**

**** Note that for Fall 2004 End of session the student demographic and headcount files are dated JAN0405.**

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer 2006\Summer II 2006 Raw Data\STUDENTAUG3106.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5
alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7

crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'

state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC'
'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'

'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'

'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'

'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'

7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'

'UN' 'Race Unknown' 'WH' 'White'.

*To prepare file for merge.

SORT CASES BY

id (A) .

*To remove blanks and test accounts.

FILTER OFF.

USE ALL.

SELECT IF (id ~=

' & id NE '' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404').
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Demo 064E.sav'
/COMPRESSED.

*Create the Student Foreign Person Alien Status variable (fpalst), which is the
corrected
*alien status for students during the terms Summer 2003 until the XIR3 Colleague
extract
* is corrected to bring in this variable from the Foreign Person file rather than the
Person file.

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer
2006\Summer II 2006 Raw Data'+
'\fpalst Summer II 2006 EOS.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .

VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Foreign Person 064E.sav'

/COMPRESSED.

*** Add fpalst (Corrected Alien Status).**

GET

**FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006
\Demo 064E.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer
2006\Foreign Person 064E.sav'**

/BY id.

EXECUTE.

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Demo 064E.sav'**

/COMPRESSED.

***Create the "Reported Race/Ethnicity" variable, which combines ethnicity with
foreign person**

***alien status. State and federal reporting requirements include reporting non-
resident aliens**

***as a separate race/ethnicity.**

STRING repace (A8).

IF (fpalst = 'Y') repace = 'NR' .

IF (fpalst NE 'Y') repace = ethnic .

VARIABLE LABELS repace 'Reported Race/Ethnicity' .

EXECUTE .

**value labels repace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native
American'**

'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Demo 064E.sav'**

/COMPRESSED.

***Develop the transfers file, which provides the codes for and credits earned at
other colleges**

***students attended.**

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer
2006\Summer II 2006 Raw Data'+
'COLLEGEAUG3106.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=
```

' & id NE ' ').
EXECUTE .

COMPUTE tcred = cred * .01 .
EXECUTE .

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
tcoll 'Transfer College'
tcred 'Credits from Transfer College'.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Transfer064E.sav'
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006
\Transfer064E.sav'.

SORT CASES BY id .
CASESTOVARS
/ID = id
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Transfer064E.sav'.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006
\Demo 064E.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer
2006\Transfer064E.sav'

**/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.**

**SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Demo 064E.sav'
/COMPRESSED.**

***Develop the Previous OCC Degrees file. Note that this syntax will not work for
extract files**

***created prior to Summer I 2003 due to changes in the extract process.**

**GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer
2006\Summer II 2006 Raw Data'+
'DEGREESAUG3106.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.**

**VARIABLE LABELS
id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'**

fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=

' & id NE ' ').
EXECUTE .

STRING occdeg (A12).
VARIABLE LABELS occdeg 'Previous OCC Degree program' .
IF (spec ~= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .
IF (spec = ' ') occdeg = CONCAT (major, '.', awd).
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Previous OCC Degrees 064E.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Summer
2006\Previous OCC Degrees 064E.sav'.

SORT CASES BY id .
CASESTOVARS
/ID = id
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Previous OCC Degrees 064E.sav'.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006
\Demo 064E.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer
2006\Previous OCC Degrees 064E.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\Demo 064E.sav'
/COMPRESSED.

***To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The**

***following syntax creates the needed variables using the same counting rules as the**

***official enrollment report. Status is the term status.**

****The first set of syntax (now commented out) should be used on extracts prior to
**Winter 2006. Changes made after that time are included in the second set of
syntax**

****below.**

***GET DATA /TYPE = TXT**

*** /FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data'+**

*** '\HEADCOUNTJUL0506.DAT'**

*** /DELCASE = LINE**

*** /DELIMITERS = " , "**

*** /QUALIFIER = ""**

*** /ARRANGEMENT = DELIMITED**

*** /FIRSTCASE = 2**

*** /IMPORTCASE = ALL**

*** /VARIABLES =**

*** run A10**

*** term A7**

*** pref A3**

*** num F6**

*** loc A2**

*** syn F6**

*** acs F4.2**

*** strt A8**

*** end A8**

*** type A3**

*** cred F4.2**

*** cont F5.2**

*** id a10**

*** hmcp A2**

*** last A13**

*** first A11**

*** midd A10**

*** ssn A11**

*** grde F2.1**

```
* stat A1
*
*CACHE.
*EXECUTE.
*
*FILTER OFF.
*USE ALL.
*
*VARIABLE LABELS
*run 'Extract Date'
*term 'Session'
*pref 'Course Prefix'
*num 'Course Number'
*loc 'Course Location'
*syn 'Course Synonym'
*acs 'Course Activity Classification Structure Code'
*strt 'Course Start Date'
*end 'Course End Date'
*type 'Course Type'
*cred 'Course Credit Hours'
*cont 'Course Contact Hours'
*id 'Student ID Number'
*hmcp 'Student Home Campus'
*last 'Student Last Name'
*first 'Student First Name'
*midd 'Student Middle Name'
*ssn 'Student Social Security Number'
*grde 'Student Course Grade'
*stat 'Student Status in Course'
**EXECUTE.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Raw Data files\Summer
2006\Summer II 2006 Raw Data'+
'\HEADCOUNTAUG3106.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
```

/VARIABLES =

**run A10
term A7
pref A3
num F6
section A5
loc A2
syn A10
acs F4.2
strt A8
end A8
type A3
cred F4.2
cont F5.2
id a10
hmcp A2
last A13
first A11
midd A10
grde F2.1
regstat A1
stat A1**

**CACHE.
EXECUTE.**

**FILTER OFF.
USE ALL.**

VARIABLE LABELS

**run 'Extract Date'
term 'Session'
pref 'Course Prefix'
num 'Course Number'
section 'Course Section Number'
loc 'Course Location'
syn 'Course Synonym'
acs 'Course Activity Classification Structure Code'
strt 'Course Start Date'
end 'Course End Date'
type 'Course Type'**

cred 'Course Credit Hours'
cont 'Course Contact Hours'
id 'Student ID Number'
hmcp 'Student Home Campus'
last 'Student Last Name'
first 'Student First Name'
midd 'Student Middle Name'
grde 'Student Course Grade'
regstat 'Registration Status'
stat 'Student Status in Course'

EXECUTE

FILTER OFF.

USE ALL.

SELECT IF(id ~= ')

```
' & id ~= '' & id NE '0554404' & id NE '0616743' &
  id NE '0616744' & id NE '0616750' & id NE '0616751'
  & id NE '0613236').
```

EXECUTE .

****FOR SUMMER I**

****Select those course registrations for courses that fit into the Summer I session. Those**

**** courses will generally fall within a fixed set of dates. If it is not possible to evaluate**

**** whether or not the registration belongs in Summer I or Summer II by the start date,**

**** look at the Section Number of the Course (not in this data file) Per Leanne any 10 week course starting in Summer I is Summer I..**

****FILTER OFF.**

****USE ALL.**

```
**SELECT IF (strt NE '06/29/06' & strt NE '07/02/06' & strt NE '07/05/06' & strt NE '07/06/06'
```

```
**& strt NE '07/07/06' & strt NE '07/10/06' & strt NE '07/11/06'
```

```
**& strt NE '07/12/06' & strt NE '07/13/06' & strt NE '07/17/06' & strt NE '07/18/06' & strt NE '07/20/06' & strt NE '08/14/06').
```

****EXECUTE.**

****FOR SUMMER II**

****Select those course registrations for courses that fit into the Summer II session. Those**

**** courses will generally fall within a fixed set of dates. If it is not possible to evaluate**

**** whether or not the registration belongs in Summer I or Summer II by the start date,**

**** look at the Section Number of the Course (not in this data file).**

FILTER OFF.

USE ALL.

```
SELECT IF (strt = '07/02/06' | strt = '07/05/06' | strt = '07/06/06' | strt = '07/07/06' |
```

```
strt = '07/10/06'
```

```
| strt = '07/11/06' | strt = '07/12/06' | strt = '07/13/06' | strt = '07/14/06' | strt = '07/18/06' | strt = '07/20/06' | strt = '08/14/06').
```

EXECUTE.

*Include students in Summer I (15 week grades concerns).

FILTER OFF.

USE ALL.

SELECT IF(grde > -1 or (MISSING(grde) and stat = 'A')).

EXECUTE.

IF (loc = 'AH') campah = 1 .

IF (loc = 'HL') camphl = 1.

IF (loc = 'OR') campor = 1.

IF (loc = 'RO') campro = 1.

IF (loc = 'SF') campsf = 1.

IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')

campdw = 1.

EXECUTE .

IF (loc = 'AH') credah = cred .

IF (loc = 'HL') credhl = cred.

IF (loc = 'OR') credor = cred.

IF (loc = 'RO') credro = cred.

IF (loc = 'SF') credsf = cred.

IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')

creddw = cred.

EXECUTE .

RECODE

cred campah camphl campor campro campsf campdw credah credhl

credor credro credsf creddw (MISSING=0) .

EXECUTE .

AGGREGATE

/OUTFILE='I:\Research Data\Student Information System\Raw Data files\Summer
2006\course activity 064E.sav'

/BREAK=id run term

/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at
Auburn Hills' = SUM(campah) /camphl 'Courses'+

' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard
Ridge' = SUM(campor) /campro 'Courses Taken at'+

' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM
(campsf) /campdw 'Courses Taken District Wide' =

```
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah)
/credhl 'Credits Registered at Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor)
/credro 'Credits Registered at Royal Oak' =
SUM(credro) /credsf 'Credits Registered at Southfield' = SUM(credsf) /creddw
'Credits Registered District Wide' =
SUM(creddw).
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006
\course activity 064E.sav'.
```

```
IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .
```

```
IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .
```

INSERTED REFORMAT Syntax

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files
\Summer 2006\course activity 064E.sav'
```

/COMPRESSED.

***Merge course activity into demo file.**

GET

**FILE='I:\Research Data\Student Information System\Raw Data files\Summer 2006
\Demo 064E.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Raw Data files\Summer
2006\course activity 064E.sav'**

/BY id.

EXECUTE.

***Create "FTIAC" variable.**

******Calculate FTIAC (First Time in Any College). Note the following: status refers
to active**

******status in at least one course. 'admst' (Admit Status) refers to the student's
self-reported**

******admission status, with FT being First Time in Any College. Previous Session
(prevsess)**

******null indicates no prior registration at OCC. Highest degree obtained
previously (prevdeg)**

******greater than 6 indicates high school graduate, GED, unknown, or hasn't
graduated high**

******school. Transfer college (tcoll) variables indicate activity at other colleges,
except those**

******indicated within the syntax which are Tech Prep programs at OCC. A credit
program (crprog)**

******of Guest or High School Dual Enrollment eliminates a student from being
considered as**

******first time in any college. Finally, presence of occdeg.1 (Previous OCC degree)
would indicate**

******attendance at OCC.**

STRING ftiac (A2).

**IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP**

DRAFTING'+

**'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1
='TECH'+**

```
' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT  
EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog  
~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = ' ') ftiac = 'Y' .
```

```
VARIABLE LABELS ftiac 'Calculated FTIAC' .  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\End of Session  
\Demo 064E.sav'  
/COMPRESSED.
```

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Summer II 2006 EOS .sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	8	Left	A8	A8
end	11	End Date	Nominal	8	Left	A8	A8
cred	12	Credits	Scale	8	Right	F4.2	F4.2
sectstat	13	Section Status	Nominal	1	Left	A1	A1
cap	14	Allocation	Scale	8	Right	F3.2	F3.2
avai	15	Seats Available	Scale	8	Right	F2.1	F2.1
take	16	Seats Taken	Scale	8	Right	F2.1	F2.1
cont	17	Contact Hours	Scale	8	Right	F6.2	F6.2
facid	18	Faculty ID	Nominal	8	Right	F7	F7
facnm	19	Faculty Name	Nominal	17	Left	A17	A17
sectotdmo	20	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	21	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	22	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	23	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	24	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	25	College wide One Tenth Day Year	Nominal	4	Left	A4	A4
gened1	26	General Education Attribute	Nominal	4	Left	A4	A4
gened2	27	General Education Attribute	Nominal	4	Left	A4	A4
gened3	28	General Education Attribute	Nominal	4	Left	A4	A4
gened4	29	General Education Attribute	Nominal	4	Left	A4	A4
gened5	30	General Education Attribute	Nominal	4	Left	A4	A4
gened6	31	General Education Attribute	Nominal	4	Left	A4	A4
gened7	32	General Education Attribute	Nominal	4	Left	A4	A4

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
gened8	33	General Education Attribute	Nominal	4	Left	A4	A4
gened9	34	General Education Attribute	Nominal	4	Left	A4	A4
gened10	35	General Education Attribute	Nominal	4	Left	A4	A4
instmeth1	36	Instructional Method	Nominal	4	Left	A4	A4
instmeth2	37	Instructional Method	Nominal	4	Left	A4	A4
instmeth3	38	Instructional Method	Nominal	4	Left	A4	A4
dept1	39	Department	Nominal	4	Left	A4	A4
dept2	40	Department	Nominal	4	Left	A4	A4

Variables in the working file

DEMO DATE Non Trad. SAV ^{NO} SUMMER II 2006 EDS
should use 2005AY, 2006AY, 2007AY?
^{NO}

RUN XIR 1, 2, 3 For Each
+ 2007AY AUG3106.SAV
Note: For headcount 2005AY JAN1107.SAV

there are no students in it for this term

Data Files: STUDENT 2006AY AUG3106.DAT

COLLEGE 2006AY AUG3106.DAT

DEGREE 2006AY AUG3106.DAT

* HEADCOUNT AUG3106AY2006.SAV

STUDENT 2007AY AUG3106.DAT

COLLEGE 2007AY AUG3106.DAT

DEGREE 2007AY AUG3106.DAT

* HEADCOUNT AUG3106AY2007.SAV

all in 2006AY
XD except

Raptor
Raw Data 2006AY → Raw Data 2007AY ⑧

2005AY → 2006AY ⑦

JAN1107 → AUG3106 ⑥

062E1 → 064E1 ⑤

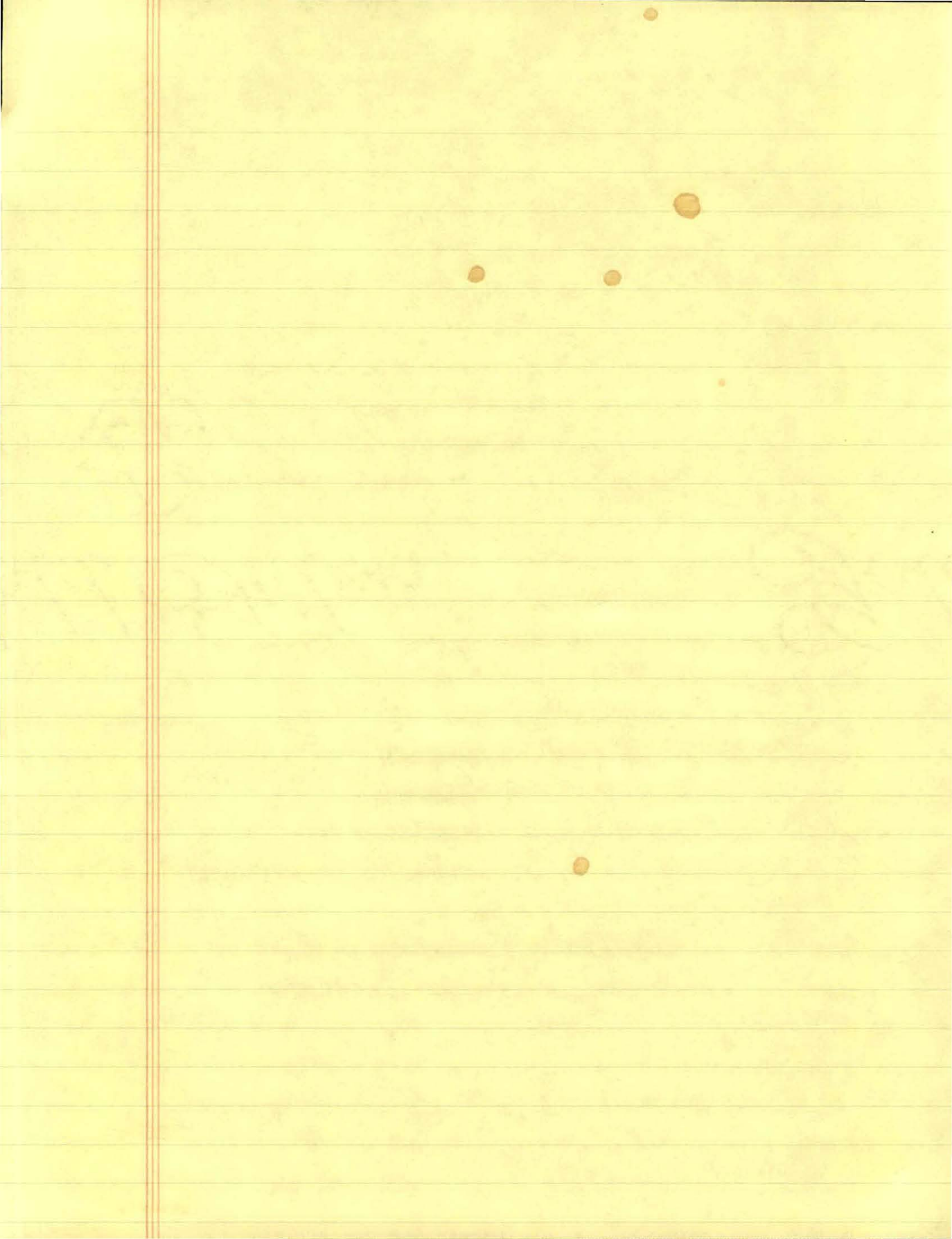
062E2 → 064E2 25

834 DE
834
March

#1
1204

Term dates
7/15/06 -
8/31/06

Finalst 2006AY



**Summer II 2006 End of Session NonTrad.
*****Copied from "Colleague DEMO 01032007.SPS", January 12, 2007.
*****The NonTrad Demo will be calculated as of the end of the credit term.
*****include registration in sections with end dates>= to credit term start date.
*****and start dates < next credit term start date.
*****Records in NT Demo with no course activity will be deleted.
*****Data files used: STUDENT file with confirmation of registration with HEADCOUNT Student Course Registration file.
*****Location: I:\Research Data\Student Information System\End of Session
*****Naming Convention: DEMOyyt NonTrad.SAV.
*****Prior to running this syntax several Replace All commands must occur. First, the date portion
*****of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.
*****Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.
*****The foreign person alien status file has a different naming convention and must also be replaced.

*****Start Process with 2005/AY.

*From HEADCOUNT 2005AYJAN1107, there are no student for Summer II 2006.

*****START WITH STUDENT FILE; SAVING AS DEMO IN WIP DIRECTORY.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AYSTUDENT 2006AY AUG3106.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
fmrlname A26
fmrfname A16
fmrname A15
rescnty A6
resstt A2
rescntry A5
alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
```

ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrmmname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'

rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'

'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*****To prepare file for merge.
SORT CASES BY
id (A) .

*****To remove blanks and test accounts.
FILTER OFF.
USE ALL.
SELECT IF (id NE ')

```
' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE 'FOREIGN PERSON ALIEN STATUS' FILE.
*****Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected
*****alien status for students during the terms Summer 2003 until the XIR3 Colleague extract
***** is corrected to bring in this variable from the Foreign Person file rather than the Person file.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
'\fpalst 2006AY EOS.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .
```

```
VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.
```

```
CACHE.
EXECUTE.
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person
064E1 NonTrad.sav'
/COMPRESSED.
```

```
***** MERGE IN FPALST (Corrected Alien Status).
```

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 064E1
NonTrad.sav'
/BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE 'REPRACE' AND ADD TO DEMO.
****Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person
*****alien status. State and federal reporting requirements include reporting non-resident aliens
*****as a separate race/ethnicity.
```

```
STRING repace (A8).
IF (fpalst = 'Y') repace = 'NR' .
IF (fpalst NE 'Y') repace = ethnic .
VARIABLE LABELS repace 'Reported Race/Ethnicity' .
EXECUTE .
```

```
value labels repace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE (TRANSFERS/COLLEGE) FILE.
****Develop the transfers file, which provides the codes for and credits earned at other colleges
*****students attended.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
'\COLLEGE 2006AY AUG3106.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.
```

```
FILTER OFF.
USE ALL.
```

SELECT IF(id ~='

```
' & id NE ' ).  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

VARIABLE LABELS

```
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer064E1  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer064E1 NonTrad.sav'.
```

```
SORT CASES BY id .
```

```
CASESTOVARS
```

```
/ID = id
```

```
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer064E1  
NonTrad.sav'.
```

```
*****MERGE TRANSFER DATA INTO DEMO FILE.
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
```

```
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer064E1 NonTrad.sav'
```

```
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
```

```
/BY id
```

```
/DROP= d0 d1 d2 d3 d4 d5.
```

```
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE PREVIOUS DEGREES FILE.
```

```
*****Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files  
*created prior to Fall 2003 due to changes in the extract process.
```



```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2006AY'+
```

```
'DEGREES 2006AY AUG3106.DAT'
```

```
/DELIMITERS = ", "
```

```
/QUALIFIER = ""
```

```
/ARRANGEMENT = DELIMITED
```

```
/FIRSTCASE = 2
```

```
/IMPORTCASE = ALL
```

```
/VARIABLES =
```

```
id A10
```

```
ssn A11
```

```
lname A26
```

```
fname A16
```

```
mname A15
```

```
homcmp A2
```

```
prvcmp A2
```

```
major A3
```

```
spec A3
```

```
awd A4
```

```
awdmo A2
```

```
awdyr A2.
```

```
VARIABLE LABELS
```

```
id 'Student ID'
```

```
ssn 'Social Security Number'
```

```
lname 'Last Name'
```

```
fname 'First Name'
```

```
mname 'Middle Name'
```

```
homcmp 'Home Campus'
```

```
prvcmp 'Previous Home Campus'
```

```
major 'Primary Subject Area'
```

```
spec 'Specialization Area'
```

```
awd 'Previous OCC Award Type'
```

```
awdmo 'Previous OCC Degree Month'
```

```
awdyr 'Previous OCC Degree Year'.
```

```
CACHE.
```

```
EXECUTE.
```

```
FILTER OFF.
```

```
USE ALL.
```

```
SELECT IF(id ~=)
```

```
' & id NE ' ).  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= ' ') occdeg = CONCAT(major,',' ,spec,',' ,awd) .  
IF (spec = ' ') occdeg = CONCAT (major,',' ,awd).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 064E1 NonTrad.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 064E1  
NonTrad.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC  
Degrees 064E1 NonTrad.sav'.
```

```
*****MERGE DEGREES DATA INTO DEMO FILE.
```

```
GET  
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1 NonTrad.sav':
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees  
064E1 NonTrad.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE TERM ACTIVITY.
```

```
**I:\Research Data\Student Information System\Non-Traditional Data 2002 forward  
\HEADCOUNTAUG3106AY2006.SAV
```

```
*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The  
*****following syntax creates the needed variables using the same counting rules as the  
*****official enrollment report. Status is the term status.
```

```
GET  
FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward'+  
'\HEADCOUNTAUG3106AY2006.SAV'.
```

FILTER OFF.
USE ALL.
SELECT IF(id ~= ')

```
' & id ~= '' & id NE '0554404' & id NE '0646743' &
id NE '0646744' & id NE '0646750' & id NE '0646751'
& id NE '0643236').
EXECUTE .
```

```
FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.
```

```
IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphl = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
campdw = 1.
EXECUTE .
```

```
IF (loc = 'AH') credah = ccred.
IF (loc = 'HL') credhl = ccred.
IF (loc = 'OR') credor = ccred.
IF (loc = 'RO') credro = ccred.
IF (loc = 'SF') credsf = ccred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
credwd = ccred.
EXECUTE .
```

```
RECODE
cred campah camphl campor campro campsf campdw credah credhl
credor credro credsf credwd (MISSING=0) .
EXECUTE .
```

```
AGGREGATE
/OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 064E1
NonTrad.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM
(campah) /camphl 'Courses'+
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
/campro 'Courses Taken at'+
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses
Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at
Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at
Royal Oak' =
SUM(credro) /creditsf 'Credits Registered at Southfield' = SUM(creditsf) /credwd 'Credits Registered District
Wide' =
SUM(credwd).
```

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 064E1
NonTrad.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1 .
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .

FORMATS campah (F8.0) / camphl (F8.0) / campor (F8.0) / campro (F8.0) / campsf (F8.0) / campdw
(F8.0).
EXECUTE.
FORMATS multi (F8.0).
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 064E1
NonTrad.sav'
/COMPRESSED.

*****MERGE TERM ACTIVITY INTO DEMO FILE

*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1 NonTrad.sav'.

SORT CASES BY
id (A) .

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 064E1
NonTrad.sav'
/BY id.
EXECUTE.
```

```
*****CREATE "FTIAC" variable.
****Calculate FTIAC (First Time in Any College). Note the following: status refers to active
****status in at least one course. 'admst' (Admit Status) refers to the student's self-reported
****admission status, with FT being First Time in Any College. Previous Session (prevsess)
****null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)
****greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high
****school. Transfer college (tcoll) variables indicate activity at other colleges, except those
****indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)
****of Guest or High School Dual Enrollment eliminates a student from being considered as
****first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate
****attendance at OCC.
```

```
STRING ftiac (A2).
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+
'DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=
'HSG' & occdeg.1 = '') ftiac = 'Y' .
```

```
VARIABLE LABELS ftiac 'Calculated FTIAC' .
EXECUTE .
```

```
*****DELETE STUDENTS WITHOUT COURSE ACTIVITY.
FILTER OFF.
USE ALL.
SELECT IF(status = 1).
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E1
NonTrad.sav'
/COMPRESSED.
```

```
*****Repeat Process with 2007/AY.
*****START WITH STUDENT FILE; SAVING AS DEMO IN WIP DIRECTORY.
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY\STUDENT 2007AY AUG3106.DAT'
/DELCase = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
```

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

alien A1

primlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

brthmo F2.0

brthda F2.0

brthyr F2.0

ferpa A1

veteran A2

vetben A3

rescode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

hscnty F7.0

hscode F6.0

hsname A27

hscity A20

hsstate A2

hsgradmo F2.0

hsgradyr F2.0

ged A1

appmo F2.0

appday F2.0

appyr F2.0

appsess A7

admst A2

intent A5

regcred F5.2

credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrmmname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'

hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*****To prepare file for merge.
SORT CASES BY
id (A).

*****To remove blanks and test accounts.
FILTER OFF.
USE ALL.
SELECT IF (id NE ')

```
' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2
NonTrad.sav'
/COMPRESSED.
```

```
*****CREATE 'FOREIGN PERSON ALIEN STATUS' FILE.
*****Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected
*****alien status for students during the terms Summer 2003 until the XIR3 Colleague extract
***** is corrected to bring in this variable from the Foreign Person file rather than the Person file.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY'+
'fpalst 2007AY OTD.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .
```

```
VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.
```

```
CACHE.
EXECUTE.
```

```
SORT CASES BY
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person
064E2 NonTrad.sav'
/COMPRESSED.
```

```
*****MERGE-IN FPALST (Corrected Alien Status).
```

```
GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2 NonTrad.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Foreign Person 064E2
NonTrad.sav'
/BY id.
```

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2
NonTrad.sav'
/COMPRESSED.

*****CREATE 'REPRACE' AND ADD TO DEMO.
*****Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person
*****alien status. State and federal reporting requirements include reporting non-resident aliens
*****as a separate race/ethnicity.

STRING repace (A8).
IF (fpalst = 'Y') repace = 'NR' .
IF (fpalst NE 'Y') repace = ethnic .
VARIABLE LABELS repace 'Reported Race/Ethnicity' .
EXECUTE .

value labels repace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2
NonTrad.sav'
/COMPRESSED.

*****CREATE (TRANSFERS/COLLEGE) FILE.
*****Develop the transfers file, which provides the codes for and credits earned at other colleges
*****students attended.

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY'+
'\COLLEGE 2007AY AUG3106.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

FILTER OFF.

USE ALL.
SELECT IF(id ~='

```
' & id NE ' ).  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

VARIABLE LABELS

```
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer064E2  
NonTrad.sav'  
/DROP=cred /COMPRESSED.
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer064E2 NonTrad.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer064E2  
NonTrad.sav'.
```

```
*****MERGE TRANSFER DATA INTO DEMO FILE.
```

GET

```
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2 NonTrad.sav'.
```

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Transfer064E2 NonTrad.sav'

```
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id
```

```
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2  
NonTrad.sav'  
/COMPRESSED.
```

```
*****CREATE PREVIOUS DEGREES FILE.
```

```
****Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files  
*created prior to Fall 2003 due to changes in the extract process.
```

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward\Raw Data
2007AY'+
\DEGREES 2007AY AUG3106.DAT'
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A15
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.
```

VARIABLE LABELS

```
id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.
CACHE.
EXECUTE.
```

```
FILTER OFF.
USE ALL.
SELECT IF(id ~=)
```

' & id NE '').
EXECUTE .

STRING occdeg (A12).
VARIABLE LABELS occdeg 'Previous OCC Degree program'.
IF (spec ~= ' ') occdeg = CONCAT(major, ',', spec, ',', awd).
IF (spec = ' ') occdeg = CONCAT (major, ',', awd).
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC
Degrees 064E2 NonTrad.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees 064E2
NonTrad.sav'.

SORT CASES BY id .
CASESTOVARS
/ID = id
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC
Degrees 064E2 NonTrad.sav'.

*****MERGE DEGREES DATA INTO DEMO FILE.

GET
FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2 NonTrad.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Raw Data files\WIP\Previous OCC Degrees
064E2 NonTrad.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2
NonTrad.sav'
/COMPRESSED.

*****CREATE TERM ACTIVITY.

**I:\Research Data\Student Information System\Non-Traditional Data 2002 forward
\HEADCOUNTJUL0706AY2007.SAV

*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The
*****following syntax creates the needed variables using the same counting rules as the
*****official enrollment report. Status is the term status.

GET
FILE = 'I:\Research Data\Student Information System\Non-Traditional Data 2002 forward'+

'HEADCOUNTAUG3106AY2007.SAV'.

FILTER OFF.

USE ALL.

SELECT IF(id ~= ')

```
' & id ~= '' & id NE '0554404' & id NE '0646743' &
id NE '0646744' & id NE '0646750' & id NE '0646751'
& id NE '0643236').
EXECUTE .
```

```
FILTER OFF.
USE ALL.
SELECT IF(stat = 'A').
EXECUTE.
```

```
IF (loc = 'AH') campah = 1 .
IF (loc = 'HL') camphl = 1.
IF (loc = 'OR') campor = 1.
IF (loc = 'RO') campro = 1.
IF (loc = 'SF') campsf = 1.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
campdw = 1.
EXECUTE .
```

```
IF (loc = 'AH') credah = ccred .
IF (loc = 'HL') credhl = ccred.
IF (loc = 'OR') credor = ccred.
IF (loc = 'RO') credro = ccred.
IF (loc = 'SF') credsf = ccred.
IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')
creddw = ccred.
EXECUTE .
```

```
RECODE
cred campah camphl campor campro campsf campdw credah credhl
credor credro credsf creddw (MISSING=0) .
EXECUTE .
```

```
AGGREGATE
/OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 064E2
NonTrad.sav'
/BREAK=id run term
/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM
(campah) /camphl 'Courses'+
' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)
/campro 'Courses Taken at'+
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses
Taken District Wide' =
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at
Highland Lakes' =
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at
Royal Oak' =
SUM(credro) /creditsf 'Credits Registered at Southfield' = SUM(creditsf) /creddw 'Credits Registered District
Wide' =
SUM(creddw).
```

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 064E2
NonTrad.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.

VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .

FORMATS campah (F8.0) / camphl (F8.0) / campor (F8.0) / campro (F8.0) / campsf (F8.0) / campdw
(F8.0).

EXECUTE.

FORMATS multi (F8.0).

EXECUTE.

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Raw Data files\WIP\course activity 064E2
NonTrad.sav'
/COMPRESSED.

*****MERGE TERM ACTIVITY INTO DEMO FILE

*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Raw Data files\WIP\Demo 064E2 NonTrad.sav'.

SORT CASES BY

id (A) .

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Summer II 2006 FDS .sav

*FILE MOVED
Amy 5/7/08*

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
crseid	7	Course Identification Number	Nominal	8	Right	F4	F4
section	8	Section Number	Nominal	5	Left	A5	A5
acs	9	Activities Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	10	Start Date	Nominal	8	Left	A8	A8
end	11	End Date	Nominal	8	Left	A8	A8
cred	12	Credits	Scale	8	Right	F4.2	F4.2
sectstat	13	Section Status	Nominal	1	Left	A1	A1
cap	14	Allocation	Scale	8	Right	F3.2	F3.2
avai	15	Seats Available	Scale	8	Right	F2.1	F2.1
take	16	Seats Taken	Scale	8	Right	F2.1	F2.1
cont	17	Contact Hours	Scale	8	Right	F6.2	F6.2
facid	18	Faculty ID	Nominal	8	Right	F7	F7
facnm	19	Faculty Name	Nominal	17	Left	A17	A17
sectotdmo	20	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	21	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	22	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	23	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	24	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	25	College wide One Tenth Day Year	Nominal	4	Left	A4	A4
gened1	26	General Education Attribute	Nominal	4	Left	A4	A4
gened2	27	General Education Attribute	Nominal	4	Left	A4	A4
gened3	28	General Education Attribute	Nominal	4	Left	A4	A4
gened4	29	General Education Attribute	Nominal	4	Left	A4	A4
gened5	30	General Education Attribute	Nominal	4	Left	A4	A4
gened6	31	General Education Attribute	Nominal	4	Left	A4	A4
gened7	32	General Education Attribute	Nominal	4	Left	A4	A4

Variables in the working file

5-5-08

Variables proofed by

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
gened8	33	General Education Attribute	Nominal	4	Left	A4	A4
gened9	34	General Education Attribute	Nominal	4	Left	A4	A4
gened10	35	General Education Attribute	Nominal	4	Left	A4	A4
instmeth1	36	Instructional Method	Nominal	4	Left	A4	A4
instmeth2	37	Instructional Method	Nominal	4	Left	A4	A4
instmeth3	38	Instructional Method	Nominal	4	Left	A4	A4
dept1	39	Department	Nominal	4	Left	A4	A4
dept2	40	Department	Nominal	4	Left	A4	A4

Variables in the working file

Frequencies

SUMMER 2006

Statistics

Course Start Date

N	Valid	26957
	Missing	0

Course Start Date

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 05/08/06	8755	32.5	32.5	32.5
05/09/06	9005	33.4	33.4	65.9
05/10/06	1963	7.3	7.3	73.2
05/11/06	1379	5.1	5.1	78.3
05/12/06	253	.9	.9	79.2
05/13/06	59	.2	.2	79.4
05/15/06	84	.3	.3	79.7
05/16/06	44	.2	.2	79.9
05/30/06	27	.1	.1	80.0
6/15/06 06/05/06	25	.1	.1	80.1
06/16/06	40	.1	.1	80.3
6/19/06 06/20/06	1	.0	.0	80.3
6/22/06 06/22/06	22	.1	.1	80.3
06/29/06	19	.1	.1	80.4
06/30/06	7	.0	.0	80.4
07/02/06	11	.0	.0	80.5
<u>07/05/06</u>	2894	10.7	10.7	91.2
07/06/06	2123	7.9	7.9	99.1
07/07/06	44	.2	.2	99.3
07/10/06	61	.2	.2	99.5
07/11/06	93	.3	.3	99.8
07/18/06	44	.2	.2	100.0
08/14/06	4	.0	.0	100.0
Total	26957	100.0	100.0	

7/12/06
7/13/06
7/17/06
7/20/06

File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Summer II FDS 2006 Course Registrations.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
run	1	Extract Date	Nominal	10	Left	A10	A10
term	2	Session	Nominal	7	Left	A7	A7
pref	3	Course Prefix	Nominal	3	Left	A3	A3
num	4	Course Number	Nominal	8	Right	F6	F6
section	5	Course Section Number	Nominal	5	Left	A5	A5
loc	6	Course Location	Nominal	2	Left	A2	A2
syn	7	Course Synonym	Nominal	10	Left	A10	A10
acs	8	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	9	Course Start Date	Nominal	8	Left	A8	A8
end	10	Course End Date	Nominal	8	Left	A8	A8
type	11	Course Type	Nominal	3	Left	A3	A3
cred	12	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	13	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	14	Student ID Number	Nominal	10	Left	A10	A10
homcmp	15	Student Home Campus	Nominal	2	Left	A2	A2
lname	16	Student Last Name	Nominal	26	Left	A26	A26
fname	17	Student First Name	Nominal	16	Left	A16	A16
mname	18	Student Middle Name	Nominal	15	Left	A15	A15
grde	19	Student Course Grade	Nominal	8	Right	F2.1	F2.1
regstat	20	Registration Status	Nominal	1	Left	A1	A1
stat	21	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

9/19 99

Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Summer II FDS 2006 HEADCOUNTJul0506 Unduplicated.SAV

Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus	Attends Districtwide Campus	Attends multiple campuses
N	Valid	5560	5560	5560	5560	5560	5560	490
	Missing	0	0	0	0	0	0	5070

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	4096	73.7	73.7	73.7
1.00	1464	26.3	26.3	100.0
Total	5560	100.0	100.0	

1489

Attends Highland Lakes Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	4632	83.3	83.3	83.3
1.00	928	16.7	16.7	100.0
Total	5560	100.0	100.0	

Attends Orchard Ridge Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	3587	64.5	64.5	64.5
1.00	1973	35.5	35.5	100.0
Total	5560	100.0	100.0	

Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Summer II FDS 2006 HEADCOUNTJul0506 Unduplicated.SAV

Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus	Attends Districtwide Campus	Attends multiple campuses
N	Valid	5560	5560	5560	5560	5560	5560	490
	Missing	0	0	0	0	0	0	5070

Frequency Table

Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	4096	73.7	73.7	73.7
	1.00	1464	26.3	26.3	100.0
Total		5560	100.0	100.0	

1489

Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	4632	83.3	83.3	83.3
	1.00	928	16.7	16.7	100.0
Total		5560	100.0	100.0	

Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	3587	64.5	64.5	64.5
	1.00	1973	35.5	35.5	100.0
Total		5560	100.0	100.0	

Attends Royal Oak Campus

OER

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	4238	76.2	76.2	76.2
1.00	1322 ✓	23.8	23.8	100.0
Total	5560	100.0	100.0	

Attends Southfield Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	5175	93.1	93.1	93.1
1.00	385 ✓	6.9	6.9	100.0
Total	5560	100.0	100.0	

Attends Districtwide Campus ✓

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	5560	100.0	100.0	100.0

Attends multiple campuses ?

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	490	8.8	100.0	100.0
Missing System	5070	91.2		
Total	5560	100.0		

5585

OER

	loc	cred_1
1	AH	5259.00
2	HL	3256.50
3	OR	7544.00
4	RO	4550.00
5	SF	1231.50

5337

- ✓
- ✓
- ✓
- ✓
- ✓

	run	cred_1
1	07/05/2006	21841.00

21919

2006 Raw Data\course activity 062F.sav'.

IF ((campah + camphl + campor + campro + campsfs + campdw) > 0) status = 1 .
VARIABLE LABELS status 'Student Status in Term' .
EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsfs > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsfs > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsfs > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsfs > 0) OR
(campro > 0 & campdw > 0) OR
(campsfs > 0 & campdw > 0)) multi = 1.
VARIABLE LABELS multi 'Attends multiple campuses'.
EXECUTE .

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\course activity 062F.sav'
/COMPRESSED.

***Merge course activity into demo file.**

GET

FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Demo 062F.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\course activity 062F.sav'

/BY id.
EXECUTE.

***Create "FTIAC" variable.**

******Calculate FTIAC (First Time in Any College). Note the following: status refers to active**

******status in at least one course. 'admst' (Admit Status) refers to the student's self-reported**

******admission status, with FT being First Time in Any College. Previous Session (prevsess)**

******null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)**

******greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high**

******school. Transfer college (tcoll) variables indicate activity at other colleges, except those**

******indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)**

******of Guest or High School Dual Enrollment eliminates a student from being considered as**

******first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate**

******attendance at OCC.**

STRING ftiac (A2).

IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 = 'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP

DRAFTING'+

'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1

= 'TECH'+

' PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+

' PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT

EXAMINATION-CEEB'

| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog

~= 'GUE' & crprog ~=

'HSG' & occdeg.1 = ' ') ftiac = 'Y' .

VARIABLE LABELS ftiac 'Calculated FTIAC' .

EXECUTE .

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062F.sav'
/COMPRESSED.**

**SAVE OUTFILE='I:\Research Data\Student Information System\First Day of
Session\Demo 062F.sav'
/COMPRESSED.**

***Demo to Official Enrollment comparision.**

***Open appropriate Demo file.**

GET

FILE='I:\Research Data\Student Information System\First Day of Session\Demo 062F.sav'.

***To create a campus headcount that can be aggregated.**

IF (campah >0) HCah = 1 .

IF (camphl >0) HChl = 1 .

IF (campor >0) HCor = 1 .

IF (campro >0) HCro = 1 .

IF (campsf >0) HCsf = 1 .

IF (campdw >0) HCdw = 1 .

EXECUTE.

VARIABLE LABELS

HCah 'Headcount Auburn Hills Campus'

HChl 'Headcount Highland Lake Campus'

HCor 'Headcount Orchard Ridge Campus'

HCro 'Headcount Royal Oak Campus'

HCsf 'Headcount Southfield Campus'

HCdw 'Headcount Districtwide'.

RECODE

**credits credah credhl credor credro credsf creddw status multi HCah HChl HCor
HCro HCsf HCdw (SYSMIS=0) .**

EXECUTE .

**SAVE OUTFILE='H:\DEMO file instructions\Demo 062F comparision.sav'
/COMPRESSED.**

***Sum Headcount and Student Credit Hours to match to Official Enrollment
Report.**

AGGREGATE

/OUTFILE='H:\DEMO file instructions\Demo 062F SCH HC Aggregate.sav'

/BREAK=term

**/credah_sum = SUM(credah) /credhl_sum = SUM(credhl) /credor_sum = SUM
(credor) /credro_sum = SUM(credro) /creditsf_sum =**

SUM(creditsf) /creddw_sum = SUM(creddw) /multi_sum = SUM(multi)/credits_sum

= SUM(credits)/HCah_sum = SUM(HCah) /HChl_sum = SUM(HChl) /HCor_sum =
SUM(HCor) /HCro_sum = SUM(HCro) /HCsf_sum = SUM(HCsf) /HCdw_sum =
SUM(HCdw) /status_sum =
SUM(status) .

*Review data.

GET

FILE='H:\DEMO file instructions\Demo 062F SCH HC Aggregate.sav'.

	term	credah_sum	credhl_sum	credor_sum	credro_sum	credsf_sum	creddw_sum
1		.00	.00	.00	.00	.00	.00
2	2006/SU	17700.00	9891.00	15505.00	15769.00	6252.00	.00

	multi_sum	credits_sum	HCah_sum	HChl_sum	HCor_sum	HCro_sum	HCsf_sum	HCdw_sum
1	.00	.00	.00	.00	.00	.00	.00	.00
2	1712.00	65117.00	3922.00	2474.00	3625.00	3625.00	1402.00	.00

	status_sum
1	.00
2	13246.00

Cases to Variables

I:\Research Data\Student Information System\Summer 2006\Summer I 2006 Raw Data
 \Transfer062F.sav

Generated Variables

Original Variable		Result	
		Name	Label
Transfer College	1	tcoll.1	tcoll.1: Transfer College
	2	tcoll.2	tcoll.2: Transfer College
	3	tcoll.3	tcoll.3: Transfer College
	4	tcoll.4	tcoll.4: Transfer College
Credits from Transfer College	1	tcred.1	tcred.1: Credits from Transfer College
	2	tcred.2	tcred.2: Credits from Transfer College
	3	tcred.3	tcred.3: Credits from Transfer College
	4	tcred.4	tcred.4: Credits from Transfer College

Processing Statistics

Cases In	914
Cases Out	720
Cases In/Cases Out	1.3
Variables In	9
Variables Out	15
Index Values	4

Cases to Variables

I:\Research Data\Student Information System\Summer 2006\Summer I 2006 Raw Data\Previous
 OCC Degrees 062F.sav

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Month	1	awdmo.1	awdmo.1: Previous OCC Degree Month
	2	awdmo.2	awdmo.2: Previous OCC Degree Month
	3	awdmo.3	awdmo.3: Previous OCC Degree Month
	4	awdmo.4	awdmo.4: Previous OCC Degree Month
	5	awdmo.5	awdmo.5: Previous OCC Degree Month
	6	awdmo.6	awdmo.6: Previous OCC Degree Month
	7	awdmo.7	awdmo.7: Previous OCC Degree Month
	8	awdmo.8	awdmo.8: Previous OCC Degree Month

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Year	1	awdyr.1	awdyr.1: Previous OCC Degree Year
	2	awdyr.2	awdyr.2: Previous OCC Degree Year
	3	awdyr.3	awdyr.3: Previous OCC Degree Year
	4	awdyr.4	awdyr.4: Previous OCC Degree Year
	5	awdyr.5	awdyr.5: Previous OCC Degree Year
	6	awdyr.6	awdyr.6: Previous OCC Degree Year
	7	awdyr.7	awdyr.7: Previous OCC Degree Year
	8	awdyr.8	awdyr.8: Previous OCC Degree Year

Generated Variables

Original Variable	Result	
	Name	Label
Previous OCC Degree program	1	occdeg.1: Previous OCC Degree program
	2	occdeg.2: Previous OCC Degree program
	3	occdeg.3: Previous OCC Degree program
	4	occdeg.4: Previous OCC Degree program
	5	occdeg.5: Previous OCC Degree program
	6	occdeg.6: Previous OCC Degree program
	7	occdeg.7: Previous OCC Degree program
	8	occdeg.8: Previous OCC Degree program

Processing Statistics

Cases In	881
Cases Out	790
Cases In/Cases Out	1.1
Variables In	10
Variables Out	31
Index Values	8

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
id	1	Student ID	Nominal	10	Left	A10	A10
ssn	2	Social Security Number	Nominal	11	Left	A11	A11
lname	3	Last Name	Nominal	26	Left	A26	A26
fname	4	First Name	Nominal	16	Left	A16	A16
mname	5	Middle Name	Nominal	15	Left	A15	A15
homcmp	6	Home Campus	Nominal	2	Left	A2	A2
prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
fmrname	10	Former Middle Name	Nominal	15	Left	A15	A15
rescnty	11	County of Residence	Nominal	6	Left	A6	A6
resstt	12	State of Residence	Nominal	2	Left	A2	A2
rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
alien	14	Alien Status	Nominal	1	Left	A1	A1
primlang	15	Primary Language	Nominal	10	Left	A10	A10
immig	16	Immigration Status	Nominal	4	Left	A4	A4
area	17	Area Code	Scale	8	Right	F3	F3
phone	18	Phone Number	Nominal	8	Left	A8	A8
gender	19	Gender	Nominal	1	Left	A1	A1
ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
brthmo	21	Birth Month	Nominal	8	Right	F2	F2
brthda	22	Birth Day	Scale	8	Right	F2	F2
brthyr	23	Birth Year	Scale	8	Right	F2	F2
ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
veteran	25	Veteran Status	Nominal	2	Left	A2	A2
vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
rescode	27	Residency Code	Nominal	4	Left	A4	A4
citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
address	29	Address	Nominal	26	Left	A26	A26
address2	30	Address Line 2	Nominal	26	Left	A26	A26
city	31	City	Nominal	20	Left	A20	A20
state	32	State	Nominal	2	Left	A2	A2
zip	33	Zip Code	Nominal	10	Left	A10	A10
hscnty	34	High School County	Scale	8	Right	F7	F7
hscode	35	High School Code	Scale	8	Right	F6	F6
hsname	36	High School Name	Nominal	27	Left	A27	A27
hscity	37	High School City	Nominal	20	Left	A20	A20

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
hsstate	38	High School State	Nominal	2	Left	A2	A2
hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
ged	41	GED	Nominal	1	Left	A1	A1
appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
appday	43	OCC Application Day	Scale	8	Right	F2	F2
appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
admst	46	Admission Status	Nominal	2	Left	A2	A2
intent	47	Educational Goal	Nominal	5	Left	A5	A5
regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
crprog	54	Credit Program	Nominal	14	Left	A14	A14
ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
reprace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
tcoll.4	65	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
tcred.4	66	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
awdmo.1	67	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.1	68	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.1	69	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.2	70	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	71	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	72	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	73	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	74	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
occdeg.3	75	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	76	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	77	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	78	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	79	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	80	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	81	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	82	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	83	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	84	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	85	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	86	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	87	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	88	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	89	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	90	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	91	Extract Date	Nominal	10	Left	A10	A10
term	92	Session	Nominal	7	Left	A7	A7
credits	93	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	94	Courses Taken at Auburn Hills	Scale	10	Right	F8.2	F8.2
camphl	95	Courses Taken at Highland Lakes	Scale	10	Right	F8.2	F8.2
campor	96	Courses Taken at Orchard Ridge	Scale	10	Right	F8.2	F8.2
campro	97	Courses Taken at Royal Oak	Scale	10	Right	F8.2	F8.2
campsf	98	Courses Taken at Southfield	Scale	10	Right	F8.2	F8.2
campdw	99	Courses Taken District Wide	Scale	10	Right	F8.2	F8.2
credah	100	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	101	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	102	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
credro	103	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	104	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credpw	105	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	106	Student Status in Term	Scale	10	Right	F8.2	F8.2
multi	107	Attends multiple campuses	Scale	10	Right	F8.2	F8.2
ftiac	108	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

File Information

[DataSet5] I:\Research Data\Student Information System\One Tenth Day\Demo 062T.sav

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ id	1	Student ID	Nominal	10	Left	A10	A10
✓ ssn	2	Social Security Number	Nominal	11	Left	A11	A11
✓ lname	3	Last Name	Nominal	26	Left	A26	A26
✓ fname	4	First Name	Nominal	16	Left	A16	A16
✓ mname	5	Middle Name	Nominal	15	Left	A15	A15
✓ homcmp	6	Home Campus	Nominal	2	Left	A2	A2
✓ prvcmp	7	Previous Home Campus	Nominal	2	Left	A2	A2
✓ fmrlname	8	Former Last Name	Nominal	26	Left	A26	A26
✓ fmrfname	9	Former First Name	Nominal	16	Left	A16	A16
✓ fmrmname	10	Former Middle Name	Nominal	15	Left	A15	A15
✓ rescnty	11	County of Residence	Nominal	6	Left	A6	A6
✓ resstt	12	State of Residence	Nominal	2	Left	A2	A2
✓ rescntry	13	Country of Residence	Nominal	5	Left	A5	A5
✓ alien	14	Alien Status	Nominal	1	Left	A1	A1
✓ primlang	15	Primary Language	Nominal	10	Left	A10	A10
✓ immig	16	Immigration Status	Nominal	4	Left	A4	A4
✓ area	17	Area Code	Scale	8	Right	F3	F3
✓ phone	18	Phone Number	Nominal	8	Left	A8	A8
✓ gender	19	Gender	Nominal	1	Left	A1	A1
✓ ethnic	20	Race/Ethnicity	Nominal	2	Left	A2	A2
✓ brthmo	21	Birth Month	Nominal	8	Right	F2	F2
✓ brthda	22	Birth Day	Scale	8	Right	F2	F2
✓ brthyr	23	Birth Year	Scale	8	Right	F2	F2
✓ ferpa	24	Privacy Code	Nominal	1	Left	A1	A1
✓ veteran	25	Veteran Status	Nominal	2	Left	A2	A2
✓ vetben	26	Veterans Benefits	Nominal	3	Left	A3	A3
✓ rescode	27	Residency Code	Nominal	4	Left	A4	A4
✓ citizen	28	U.S. Citizenship	Nominal	1	Left	A1	A1
✓ address	29	Address	Nominal	26	Left	A26	A26
✓ address2	30	Address Line 2	Nominal	26	Left	A26	A26
✓ city	31	City	Nominal	20	Left	A20	A20
✓ state	32	State	Nominal	2	Left	A2	A2

Variables in the working file

*mo-r
up - 5/24*

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
✓ zip	33	Zip Code	Nominal	10	Left	A10	A10
✓ hscnty	34	High School County	Scale	8	Right	F7	F7
✓ hscode	35	High School Code	Scale	8	Right	F6	F6
✓ hsname	36	High School Name	Nominal	27	Left	A27	A27
✓ hscity	37	High School City	Nominal	20	Left	A20	A20
✓ hsstate	38	High School State	Nominal	2	Left	A2	A2
✓ hsgradmo	39	High School Graduation Month	Nominal	8	Right	F2	F2
✓ hsgradyr	40	High School Graduation Year	Scale	8	Right	F2	F2
✓ ged	41	GED	Nominal	1	Left	A1	A1
✓ appmo	42	OCC Application Month	Nominal	8	Right	F2	F2
✓ appday	43	OCC Application Day	Scale	8	Right	F2	F2
✓ appyr	44	OCC Application Year	Nominal	8	Right	F2	F2
✓ appsess	45	Intended Starting Session	Nominal	7	Left	A7	A7
✓ admst	46	Admission Status	Nominal	2	Left	A2	A2
✓ intent	47	Educational Goal	Nominal	5	Left	A5	A5
✓ regcred	48	Colleague Recorded Credits Registered this term	Scale	8	Right	F5.2	F5.2
✓ credatt	49	Credits Attempted OCC Career	Scale	8	Right	F5.2	F5.2
✓ credearn	50	Credits Earned OCC Career	Scale	8	Right	F5.2	F5.2
✓ gpacreds	51	Credits Calculated in GPA	Scale	8	Right	F5.2	F5.2
✓ gpapts	52	Grade Points Earned OCC Career	Scale	8	Right	F6.2	F6.2
✓ prevsess	53	Last Session Attended	Nominal	7	Left	A7	A7
✓ crprog	54	Credit Program	Nominal	14	Left	A14	A14
✓ ncprog	55	Non-Credit Program	Nominal	14	Left	A14	A14
✓ prevdeg	56	Highest Degree Obtained	Nominal	8	Right	F1	F1
✓ fpalst	57	Corrected Alien Status	Nominal	2	Left	A2	A2
✓ reprace	58	Reported Race/Ethnicity	Nominal	10	Left	A8	A8
✓ tcoll.1	59	tcoll.1: Transfer College	Nominal	35	Left	A35	A35
✓ tcred.1	60	tcred.1: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
✓ tcoll.2	61	tcoll.2: Transfer College	Nominal	35	Left	A35	A35
✓ tcred.2	62	tcred.2: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
✓ tcoll.3	63	tcoll.3: Transfer College	Nominal	35	Left	A35	A35
✓ tcred.3	64	tcred.3: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
✓ tcoll.4	65	tcoll.4: Transfer College	Nominal	35	Left	A35	A35
✓ tcred.4	66	tcred.4: Credits from Transfer College	Scale	10	Right	F8.2	F8.2
✓ awdmo.1	67	awdmo.1: Previous OCC Degree Month	Nominal	2	Left	A2	A2
✓ awdyr.1	68	awdyr.1: Previous OCC Degree Year	Nominal	2	Left	A2	A2
✓ occdeg.1	69	occdeg.1: Previous OCC Degree program	Nominal	14	Left	A12	A12

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
awdmo.2	70	awdmo.2: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.2	71	awdyr.2: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.2	72	occdeg.2: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.3	73	awdmo.3: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.3	74	awdyr.3: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.3	75	occdeg.3: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.4	76	awdmo.4: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.4	77	awdyr.4: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.4	78	occdeg.4: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.5	79	awdmo.5: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.5	80	awdyr.5: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.5	81	occdeg.5: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.6	82	awdmo.6: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.6	83	awdyr.6: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.6	84	occdeg.6: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.7	85	awdmo.7: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.7	86	awdyr.7: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.7	87	occdeg.7: Previous OCC Degree program	Nominal	14	Left	A12	A12
awdmo.8	88	awdmo.8: Previous OCC Degree Month	Nominal	2	Left	A2	A2
awdyr.8	89	awdyr.8: Previous OCC Degree Year	Nominal	2	Left	A2	A2
occdeg.8	90	occdeg.8: Previous OCC Degree program	Nominal	14	Left	A12	A12
run	91	Extract Date	Nominal	10	Left	A10	A10
term	92	Session	Nominal	7	Left	A7	A7
credits	93	Credits Registered This Term	Scale	10	Right	F8.2	F8.2
campah	94	Courses Taken at Auburn Hills	Scale	10	Right	F8	F8
camphl	95	Courses Taken at Highland Lakes	Scale	10	Right	F8	F8
campor	96	Courses Taken at Orchard Ridge	Scale	10	Right	F8	F8
campro	97	Courses Taken at Royal Oak	Scale	10	Right	F8	F8
campsf	98	Courses Taken at Southfield	Scale	10	Right	F8	F8
campdw	99	Courses Taken District Wide	Scale	10	Right	F8	F8
credah	100	Credits Registered at Auburn Hills	Scale	10	Right	F8.2	F8.2
credhl	101	Credits Registered at Highland Lakes	Scale	10	Right	F8.2	F8.2
credor	102	Credits Registered at Orchard Ridge	Scale	10	Right	F8.2	F8.2
credro	103	Credits Registered at Royal Oak	Scale	10	Right	F8.2	F8.2
credsf	104	Credits Registered at Southfield	Scale	10	Right	F8.2	F8.2
credw	105	Credits Registered District Wide	Scale	10	Right	F8.2	F8.2
status	106	Student Status in Term	Scale	10	Right	F8.2	F8.2

Variables in the working file

Variable Information

Variable	Position	Label	Measurement Level	Column Width	Alignment	Print Format	Write Format
multi	107	Attends multiple campuses	Scale	10	Right	F8	F8
ftiac	108	Calculated FTIAC	Nominal	7	Left	A2	A2

Variables in the working file

Variable Values

Value	Label
immig	AU Au Pair
	F1 F-1 Student
	NI Non-Immigrant
	NR Non-Resident Alien
	OI Other International
	PR Permanent Resident
	RA Resident Alien
	RE Refugee/Asylee
	TR Temporary Resident
	UN Unknown
ethnic	AF African American
	AS Asian
	HI Hispanic
	NI Native American
	UN Race Unknown
	WH White
rescode	INDI In District
	INDV Virtual College In District
	INID International In District
	INOD International Out of District
	INOS International Out of State
	ODUI Out of District
	ODUV Virtual College Out of District
	OUST Out of State
	OSUV Virtual College Out of State
	REVN Residency Verification Needed
	SCIN Invalid Code
	SCOD Invalid Code

Variable Values

Value		Label
admst	CG	College Guest
	FT	First Time in Any College
	HD	Dual Enrollment
	HG	High School Guest
	NC	Non Credit
	PR	Previously Attended OCC
	TR	Transfer
intent	DC	Obtain OCC degree or certificate
	EN	Gain knowledge unrelated to employment
	ER	Employment Related Knowledge
	TA	Transfer after obtaining degree or certificate
	TW	Transfer without obtaining degree or certificate
prevdeg	UN	Undecided
	1	Doctorate
	2	Master
	3	Bachelor
	5	Associate
	6	Certificate
	7	High School
	8	GED
	9	No determination
repace	AF	African American
	AS	Asian
	HI	Hispanic
	NI	Native American
	NR	Non Resident Alien
	UN	Race Unknown
	WH	White

****Summer I 2006 One Tenth Day.**

*****Colleague DEMO 2004.SPS, January 24, 2006**

****Prior to running this syntax several Replace All commands must occur. First, the date portion**

****of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.**

****Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.**

****The foreign person alien status file has a different naming convention and must also be replaced.**

****Replace 'fds' with 'otd', for example. The output file term identifier needs**

****to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount**

****file name in order to ensure that the correct extract is used for counting purposes.**

***Replace " ** of Session" sub-directory. This syntax has been change for new XIR2 headcount extract.**

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I 2006 Raw Data\STUDENTMAY1506.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

File Created by EB

alien A1
primlang A10
immig A4
area F3.0
phone A8
gender A1
ethnic A2
brthmo F2.0
brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14

sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'

zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC'
'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'

'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
 'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'

'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*To prepare file for merge.
SORT CASES BY
id (A) .

*To remove blanks and test accounts.
FILTER OFF.
USE ALL.
SELECT IF (id ~=)

' & id NE '' & id NE '0626743' & id NE '0626744' & id NE '0626750'
& id NE '0626751' & id NE '0623236' & id NE '0554404').
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062T.sav'
/COMPRESSED.

*Create the Student Foreign Person Alien Status variable (fpalst), which is the
corrected
*alien status for students during the terms Summer 2003 until the XIR3 Colleague
extract
* is corrected to bring in this variable from the Foreign Person file rather than the
Person file.

GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data'+
'\fpalst Summer I 2006 OTD.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .

VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Foreign Person 062T.sav'
/COMPRESSED.

*** Add fpalst (Corrected Alien Status).**

GET

**FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Demo 062T.sav'.**

MATCH FILES /FILE=*

**/TABLE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Foreign Person 062T.sav'**

/BY id.

EXECUTE.

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062T.sav'**

/COMPRESSED.

***Create the "Reported Race/Ethnicity" variable, which combines ethnicity with
foreign person**

***alien status. State and federal reporting requirements include reporting non-
resident aliens**

***as a separate race/ethnicity.**

STRING reprice (A8).

IF (fpalst = 'Y') reprice = 'NR' .

IF (fpalst NE 'Y') reprice = ethnic .

VARIABLE LABELS reprice 'Reported Race/Ethnicity' .

EXECUTE .

**value labels reprice 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native
American'**

'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

**SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062T.sav'**

/COMPRESSED.

***Develop the transfers file, which provides the codes for and credits earned at
other colleges**

***students attended.**

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data'+
'\COLLEGEMAY1506.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=
```


' & id NE ' ').
EXECUTE .

COMPUTE tcred = cred * .01 .
EXECUTE .

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
tcoll 'Transfer College'
tcred 'Credits from Transfer College'.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Transfer062T.sav'
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Transfer062T.sav'.

SORT CASES BY id .

CASESTOVARS

/ID = id

/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Transfer062T.sav'.

GET

FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Demo 062T.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Summer 2006\Summer I

```
2006 Raw Data\Transfer062T.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006  
\Summer I 2006 Raw Data\Demo 062T.sav'  
/COMPRESSED.
```

*Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files

*created prior to SUMMER II 2003 due to changes in the extract process.

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Summer 2006\Summer I  
2006 Raw Data'+  
'\DEGREESMAY1506.DAT'  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
id A10  
ssn A11  
lname A26  
fname A16  
mname A10  
homcmp A2  
prvcmp A2  
major A3  
spec A3  
awd A4  
awdmo A2  
awdyr A2.
```

VARIABLE LABELS

```
id 'Student ID'  
ssn 'Social Security Number'
```

Iname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=

' & id NE ' ').
EXECUTE .

STRING occdeg (A12).
VARIABLE LABELS occdeg 'Previous OCC Degree program' .
IF (spec ~= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .
IF (spec = ' ') occdeg = CONCAT (major, '.', awd).
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Previous OCC Degrees 062T.sav'
/DROP=major spec awd /COMPRESSED.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Previous OCC Degrees 062T.sav'.

SORT CASES BY id .
CASESTOVARS
/ID = id
/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Previous OCC Degrees 062T.sav'.

GET
FILE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Demo 062T.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Summer 2006\Summer I
2006 Raw Data\Previous OCC Degrees 062T.sav'
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)
/BY id
/DROP= d0 d1 d2 d3 d4 d5.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2006
\Summer I 2006 Raw Data\Demo 062T.sav'

DEMO 054F

SUM II 05 FDS

XIR1	→	From Snapshot file	→	COURSE JUL0605.DAT
XIR2	→		→	HEADCOUNT JUL0605.DAT
XIR3	→	STUDENT	→	STUDENT JUL0605.DAT
		COLLEGE	→	COLLEGE JUL0605.DAT
		DEGREES	→	DEGREES JUL0605.DAT
		SPOPS	→	SPOPS JUL0605.DAT
		TESTS	→	TESTS JUL0605.DAT

queries: "IR STUDENTS by term.wis" → ^{IRSTUD05SH}IRSTUD05AY
"Save Foreign Person Alien" Status.wis
creates: fpalst summer II 2005 FDS.txt

Run "Colleague Demo 04272005.sps

chg	Summer 2004 - Summer 2005	(3)
	Jul1204 → Jul0605	(4)
	2004 → 2005	(5)
	OTD left over	
	044T → 054F	24

transfer 6
award 4

**SUMMER II 2005 One Tenth Day.

***Colleague DEMO 2005.SPS, January 20, 2005

**Prior to running this syntax several Replace All commands must occur: First, the date portion

**of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.

**Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.

**The foreign person alien status file has a different naming convention and must also be replaced.

**Replace 'fds' with 'otd', for example. The output file term identifier needs

**to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount

**file name in order to ensure that the correct extract is used for counting purposes.

*Replace " ** of Session" sub-directory.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Summer 2005\Summer II 2005 Raw Data

\STUDENTJUL0605.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

alien A1

primlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

brthmo F2.0

brthda F2.0

brthyr F2.0

ferpa A1

veteran A2

vetben A3

rescode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

hscnty F7.0

hscodę F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'

address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*To prepare file for merge.

SORT CASES BY
id (A) .

*To remove blanks and test accounts.

FILTER OFF.
USE ALL.
SELECT IF (id ~=

```
' & id NE '' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404' ).
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'
/COMPRESSED.

*Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected
*alien status for students during the terms Summer 2003 until the XIR3 Colleague extract
*is corrected to bring in this variable from the Foreign Person file rather than the Person file.
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Summer 2005\Summer II 2005 Raw Data\fpalst
summerII 2005 FDS.txt'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
fpalst A2 .

VARIABLE LABELS
id 'Student ID'
fpalst 'Corrected Alien Status'.

CACHE.
EXECUTE.

SORT CASES BY
id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Foreign Person 054F.sav'
/COMPRESSED.

* Add fpalst (Corrected Alien Status).
GET
FILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'.

MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Summer 2005\Foreign Person 054F.sav'
/BY id.
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'
/COMPRESSED.

*Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person
*alien status. State and federal reporting requirements include reporting non-resident aliens
*as a separate race/ethnicity.

STRING repace (A8).
IF (fpalst = 'Y') repace = 'NR' .
IF (fpalst NE 'Y') repace = ethnic .
VARIABLE LABELS repace 'Reported Race/Ethnicity' .
EXECUTE .
```

value labels replace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'
/COMPRESSED.

*Develop the transfers file, which provides the codes for and credits earned at other colleges
*students attended.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\Summer 2005\Summer II 2005 Raw Data'+
\COLLEGEJUL0605.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=)
```

```
'& id NE ' ).  
EXECUTE .
```

```
COMPUTE tcred = cred * .01 .  
EXECUTE .
```

VARIABLE LABELS

```
id 'Student ID'  
ssn 'Social Security Number'  
lname 'Last Name'  
fname 'First Name'  
mname 'Middle Name'  
homcmp 'Home Campus'  
prvcmp 'Previous Home Campus'  
tcoll 'Transfer College'  
tcred 'Credits from Transfer College'.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Transfer054F.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Summer 2005\Transfer054F.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Transfer054F.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Summer 2005\Transfer054F.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'  
/COMPRESSED.
```

*Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files
*created prior to Summer I 2003 due to changes in the extract process.

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Summer 2005\Summer II 2005 Raw Data'+  
'DEGREESJUL0605.DAT'  
/DELIMITERS = " , "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =
```

id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=

```
'& id NE ' ').  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= '') occdeg = CONCAT(major, '.', spec, '.', awd) .  
IF (spec = '') occdeg = CONCAT (major, '.', awd).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Previous OCC Degrees  
054F.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Summer 2005\Previous OCC Degrees 054F.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Previous OCC Degrees  
054F.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Summer 2005\Previous OCC Degrees 054F.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'  
/COMPRESSED.
```

*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The
*following syntax creates the needed variables using the same counting rules as the
*official enrollment report. Status is the term status.

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\Summer 2005\Summer II 2005 Raw Data'+  
'\HEADCOUNTJUL0605.DAT'  
/DELCASE = LINE  
/DELIMITERS = " , "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
run A10  
term A7  
pref A3  
num F6  
loc A2
```

syn F6
acs F4.2
strt A8
end A8
type A3
cred F4.2
cont F5.2
id a10
hmcp A2
last A13
first A11
midd A10
ssn A11
grde F2.1
stat A1

CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

run 'Extract Date'
term 'Session'
pref 'Course Prefix'
num 'Course Number'
loc 'Course Location'
syn ' Course Synonym'
acs 'Course Activity Classification Structure Code'
strt 'Course Start Date'
end 'Course End Date'
type 'Course Type'
cred 'Course Credit Hours'
cont 'Course Contact Hours'
id 'Student ID Number'
hmcp 'Student Home Campus'
last 'Student Last Name'
first 'Student First Name'
midd 'Student Middle Name'
ssn 'Student Social Security Number'
grde 'Student Course Grade'
stat 'Student Status in Course'

EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~= ')

& id ~= '' & id NE '0554404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').

EXECUTE .

*For Summer I only.

*FILTER OFF.

*USE ALL.

*SELECT IF (str NE '07/01/05' & str NE '07/03/05' & str NE '07/05/05' & str NE '07/06/05'

& str NE '07/07/05' & str NE '07/08/05' & str NE '07/11/05'

& str NE '07/12/05' & str NE '07/13/05' & str NE '07/21/05').

*EXECUTE.

*For Summer II only.

FILTER OFF.

USE ALL.

SELECT IF (str = '07/01/05' | str = '07/03/05' | str = '07/05/05' | str = '07/06/05'

| str = '07/07/05' | str = '07/08/05' | str = '07/11/05' | str = '07/12/05' | str = '07/13/05'

| str = '07/21/05' | str = '08/15/05').

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(stat = 'A').

EXECUTE.

IF (loc = 'AH') campah = 1 .

IF (loc = 'HL') camphl = 1.

IF (loc = 'OR') campor = 1.

IF (loc = 'RO') campro = 1.

IF (loc = 'SF') campsf = 1.

IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')

campdw = 1.

EXECUTE .

IF (loc = 'AH') credah = cred .

IF (loc = 'HL') credhl = cred.

IF (loc = 'OR') credor = cred.

IF (loc = 'RO') credro = cred.

IF (loc = 'SF') credsf = cred.

IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')

credw = cred.

EXECUTE .

RECODE

cred campah camphl campor campro campsf campdw credah credhl

credor credro credsf credw (MISSING=0) .

EXECUTE .

AGGREGATE

/OUTFILE='I:\Research Data\Student Information System\Summer 2005\course activity 054F.sav'

/BREAK=id run term

/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM

(campah) /camphl 'Courses'+

' Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)

/campro 'Courses Taken at'+

'Royal Oak' = SUM(campro) / campsf 'Courses Taken at Southfield' = SUM(campsf) / campdw 'Courses Taken District Wide' =
SUM(campdw) / credah 'Credits Registered at Auburn Hills' = SUM(credah) / credhl 'Credits Registered at Highland Lakes' =
SUM(credhl) / credor 'Credits Registered at Orchard Ridge' = SUM(credor) / credro 'Credits Registered at Royal Oak' =
SUM(credro) / credsf 'Credits Registered at Southfield' = SUM(creditsf) / creddw 'Credits Registered District Wide' =
SUM(creddw).

GET

FILE='I:\Research Data\Student Information System\Summer 2005\course activity 054F.sav'.

IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .

VARIABLE LABELS status 'Student Status in Term' .

EXECUTE .

*IF ((campah + camphl + campor + campro + campsf + campdw) > 1) multi = 1 .

*VARIABLE LABELS multi 'Attends multiple campuses'.

*EXECUTE .

IF ((campah > 0 & camphl > 0) OR
(campah > 0 & campor > 0) OR
(campah > 0 & campro > 0) OR
(campah > 0 & campsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsf > 0 & campdw > 0)) multi = 1.

VARIABLE LABELS multi 'Attends multiple campuses'.

EXECUTE .

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\course activity 054F.sav'
/COMPRESSED.

*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Summer 2005\Demo 054F.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\Summer 2005\course activity 054F.sav'

/BY id.

EXECUTE.

*Create "FTIAC" variable.

****Calculate FTIAC (First Time in Any College). Note the following: status refers to active

****status in at least one course. 'admst' (Admit Status) refers to the student's self-reported
****admission status, with FT being First Time in Any College. Previous Session (prevsess)
****null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)
****greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high
****school. Transfer college (tcoll) variables indicate activity at other colleges, except those
****indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)
****of Guest or High School Dual Enrollment eliminates a student from being considered as
****first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate
****attendance at OCC.

STRING ftiac (A2).

```
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+  
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+  
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = '') ftiac = 'Y' .
```

VARIABLE LABELS ftiac 'Calculated FTIAC' .

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\First Day of Session\Demo 054F.sav'
/COMPRESSED.

**SUMMER II 2004 One Tenth Day.

***Colleague DEMO 2005.SPS, January 20, 2005

**Prior to running this syntax several Replace All commands must occur. First, the date portion
**of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.

**Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.

**The foreign person alien status file has a different naming convention and must also be replaced.

**Replace 'fds' with 'otd', for example. The output file term identifier needs

**to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount
**file name in order to ensure that the correct extract is used for counting purposes.

*Replace " ** of Session" sub-directory.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Summer 2004\Summer II 2004 Raw Data
\STUDENTJUL1204.DAT' 0605

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstt A2

rescntry A5

alien A1

primlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

brthmo F2.0

brthda F2.0

brthyr F2.0

ferpa A1

veteran A2

vetben A3

rescode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

hscnty F7.0

hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'

address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'
appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'
7 'High School' 8 'GED' 9 'No determination'.

value labels ethnic 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White'.

*To prepare file for merge.

SORT CASES BY

id (A) .

*To remove blanks and test accounts.

FILTER OFF.

USE ALL.

SELECT IF (id ~=

' & id NE ' ' & id NE '0616743' & id NE '0616744' & id NE '0616750'
& id NE '0616751' & id NE '0613236' & id NE '0554404').
EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'
/COMPRESSED.

*Create the Student Foreign Person Alien Status variable (fpalst), which is the corrected
*alien status for students during the terms Summer 2003 until the XIR3 Colleague extract
*is corrected to bring in this variable from the Foreign Person file rather than the Person file.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\SUMMER 2004\Summer II 2004 Raw Data'+

\fpalst SUMMER 2004 otd.txt'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

fpalst A2 .

VARIABLE LABELS

id 'Student ID'

fpalst 'Corrected Alien Status'.

CACHE.

EXECUTE.

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Foreign Person 044T.sav'
/COMPRESSED.

* Add fpalst (Corrected Alien Status).

GET

FILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\SUMMER 2004\Foreign Person 044T.sav'

/BY id.

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'
/COMPRESSED.

*Create the "Reported Race/Ethnicity" variable, which combines ethnicity with foreign person
*alien status. State and federal reporting requirements include reporting non-resident aliens
*as a separate race/ethnicity.

STRING repace (A8).

IF (fpalst = 'Y') repace = 'NR' .

IF (fpalst NE 'Y') repace = ethnic .

VARIABLE LABELS repace 'Reported Race/Ethnicity' .

EXECUTE .

value labels replace 'AF' 'African American' 'AS' 'Asian' 'HI' 'Hispanic' 'NI' 'Native American'
'UN' 'Race Unknown' 'WH' 'White' 'NR' 'Non Resident Alien'.

SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'
/COMPRESSED.

*Develop the transfers file, which provides the codes for and credits earned at other colleges
*students attended.

```
GET DATA /TYPE = TXT
/FILE = 'I:\Research Data\Student Information System\SUMMER 2004\Summer II 2004 Raw Data'+
'\COLLEGEJUL1204.DAT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
tcoll A35
cred F8.2.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(id ~=
```


'& id NE ' ').

EXECUTE .

COMPUTE tcred = cred * .01 .

EXECUTE .

VARIABLE LABELS

id 'Student ID'

ssn 'Social Security Number'

lname 'Last Name'

fname 'First Name'

mname 'Middle Name'

homcmp 'Home Campus'

prvcmp 'Previous Home Campus'

tcoll 'Transfer College'

tcred 'Credits from Transfer College'.

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Transfer044T.sav'
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\SUMMER 2004\Transfer044T.sav'.

SORT CASES BY id .

CASESTOVARS

/ID = id

/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Transfer044T.sav'.

GET

FILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'.

MATCH FILES /FILE=*

/TABLE='I:\Research Data\Student Information System\SUMMER 2004\Transfer044T.sav'

/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)

/BY id

/DROP= d0 d1 d2 d3 d4 d5.

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'
/COMPRESSED.

*Develop the Previous OCC Degrees file. Note that this syntax will not work for extract files

*created prior to Summer I 2003 due to changes in the extract process.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\SUMMER 2004\Summer II 2004 Raw Data'+
'\DEGREESJUL1204.DAT'

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10
ssn A11
lname A26
fname A16
mname A10
homcmp A2
prvcmp A2
major A3
spec A3
awd A4
awdmo A2
awdyr A2.

VARIABLE LABELS

id 'Student ID'
ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
major 'Primary Subject Area'
spec 'Specialization Area'
awd 'Previous OCC Award Type'
awdmo 'Previous OCC Degree Month'
awdyr 'Previous OCC Degree Year'.

CACHE.

EXECUTE.

FILTER OFF.

USE ALL.

SELECT IF(id ~=

```
'& id NE ')).  
EXECUTE .
```

```
STRING occdeg (A12).  
VARIABLE LABELS occdeg 'Previous OCC Degree program' .  
IF (spec ~= ' ') occdeg = CONCAT(major, '.', spec, '.', awd) .  
IF (spec = ' ') occdeg = CONCAT (major, '.', awd).  
EXECUTE .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Previous OCC Degrees  
044T.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\Previous OCC Degrees 044T.sav'.
```

```
SORT CASES BY id .  
CASESTOVARS  
/ID = id  
/GROUPBY = INDEX .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Previous OCC Degrees  
044T.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\SUMMER 2004\Previous OCC Degrees 044T.sav'  
/RENAME (fname homcmp lname mname prvcmp ssn = d0 d1 d2 d3 d4 d5)  
/BY id  
/DROP= d0 d1 d2 d3 d4 d5.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'  
/COMPRESSED.
```

*To prepare to run "FTIAC" syntax, you must add "status" from the Headcount file. The
*following syntax creates the needed variables using the same counting rules as the
*official enrollment report. Status is the term status.

```
GET DATA /TYPE = TXT  
/FILE = 'I:\Research Data\Student Information System\SUMMER 2004\Summer II 2004 Raw Data'+  
'\HEADCOUNTJUL1204.DAT'  
/DELCASE = LINE  
/DELIMITERS = ", "  
/QUALIFIER = ""  
/ARRANGEMENT = DELIMITED  
/FIRSTCASE = 2  
/IMPORTCASE = ALL  
/VARIABLES =  
run A10  
term A7  
pref A3  
num F6  
loc A2
```

syn F6
acs F4.2
strt A8
end A8
type A3
cred F4.2
cont F5.2
id a10
hmcp A2
last A13
first A11
midd A10
ssn A11
grde F2.1
stat A1

CACHE.
EXECUTE.

FILTER OFF.
USE ALL.

VARIABLE LABELS

run 'Extract Date'
term 'Session'
pref 'Course Prefix'
num 'Course Number'
loc 'Course Location'
syn ' Course Synonym'
acs 'Course Activity Classification Structure Code'
strt 'Course Start Date'
end 'Course End Date'
type 'Course Type'
cred 'Course Credit Hours'
cont 'Course Contact Hours'
id 'Student ID Number'
hmcp 'Student Home Campus'
last 'Student Last Name'
first 'Student First Name'
midd 'Student Middle Name'
ssn 'Student Social Security Number'
grde 'Student Course Grade'
stat 'Student Status in Course'

EXECUTE.

FILTER OFF.
USE ALL.

SELECT IF(id ~= ')

& id ~= '' & id NE '0554404' & id NE '0616743' &
id NE '0616744' & id NE '0616750' & id NE '0616751'
& id NE '0613236').

EXECUTE .

*For Summer I only.

*FILTER OFF.

*USE ALL.

*SELECT IF (strt NE '07/01/05' & strt NE '07/03/05' & strt NE '07/05/05' & strt NE '07/06/05'

& strt NE '07/07/05' & strt NE '07/08/05' & strt NE '07/11/05'

& strt NE '07/12/05' & strt NE '07/13/05' & strt NE '07/21/05').

*EXECUTE.

*For Summer II only.

FILTER OFF.

USE ALL.

SELECT IF (strt NE '03/15/04' & strt NE '05/10/04' & strt NE '05/11/04' & strt NE '05/12/04'

& strt NE '05/13/04' & strt NE '05/14/04' & strt NE '05/15/04'

& strt NE '05/17/04' & strt NE '06/02/04' & strt NE '06/05/04'

& strt NE '06/07/04' & strt NE '06/08/04' & strt NE '06/21/04' & strt NE '06/28/04').

EXECUTE.

05/09/05, 05/10, 05/11, 05/12, 05/13, 05/14, 05/16, 05/17, 06/04, 06/08
strt = 07/01, 07/03, 07/05, 07/06, 07/07, 07/08, 07/11, 07/12, 07/13, 07/21, 08/15

FILTER OFF.

USE ALL.

SELECT IF(stat = 'A').

EXECUTE.

IF (loc = 'AH') campah = 1 .

IF (loc = 'HL') camphl = 1.

IF (loc = 'OR') campor = 1.

IF (loc = 'RO') campro = 1.

IF (loc = 'SF') campsf = 1.

IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')

campdw = 1.

EXECUTE .

IF (loc = 'AH') credah = cred .

IF (loc = 'HL') credhl = cred.

IF (loc = 'OR') credor = cred.

IF (loc = 'RO') credro = cred.

IF (loc = 'SF') credsf = cred.

IF (loc NE 'AH' & loc NE 'HL' & loc NE 'OR' & loc NE 'RO' & loc NE 'SF')

credhw = cred.

EXECUTE .

RECODE

cred campah camphl campor campro campsf campdw credah credhl

credor credro credsf credhw (MISSING=0) .

EXECUTE .

AGGREGATE

/OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\course activity 044T.sav'

/BREAK=id run term

/credits 'Credits Registered This Term' = SUM(cred) /campah 'Courses Taken at Auburn Hills' = SUM

(campah) /camphl 'Courses'+

'Taken at Highland Lakes' = SUM(camphl) /campor 'Courses Taken at Orchard Ridge' = SUM(campor)

```
/campro 'Courses Taken at'+  
' Royal Oak' = SUM(campro) /campsf 'Courses Taken at Southfield' = SUM(campsf) /campdw 'Courses Taken  
District Wide' =  
SUM(campdw) /credah 'Credits Registered at Auburn Hills' = SUM(credah) /credhl 'Credits Registered at  
Highland Lakes' =  
SUM(credhl) /credor 'Credits Registered at Orchard Ridge' = SUM(credor) /credro 'Credits Registered at  
Royal Oak' =  
SUM(credro) /credsf 'Credits Registered at Southfield' = SUM(credsf) /creddw 'Credits Registered District  
Wide' =  
SUM(creddw).
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\course activity 044T.sav'.
```

```
IF ((campah + camphl + campor + campro + campsf + campdw) > 0) status = 1 .  
VARIABLE LABELS status 'Student Status in Term' .  
EXECUTE .
```

```
*IF ((campah + camphl + campor + campro + campsf + campdw) > 1) multi = 1 .  
*VARIABLE LABELS multi 'Attends multiple campuses'.  
*EXECUTE .
```

```
IF ((campah > 0 & camphl > 0) OR  
(campah > 0 & campor > 0) OR  
(campah > 0 & campro > 0) OR  
(campah > 0 & campsf > 0) OR  
(campah > 0 & campdw > 0) OR  
(camphl > 0 & campor > 0) OR  
(camphl > 0 & campro > 0) OR  
(camphl > 0 & campsf > 0) OR  
(camphl > 0 & campdw > 0) OR  
(campor > 0 & campro > 0) OR  
(campor > 0 & campsf > 0) OR  
(campor > 0 & campdw > 0) OR  
(campro > 0 & campsf > 0) OR  
(campro > 0 & campdw > 0) OR  
(campsf > 0 & campdw > 0)) multi = 1.  
VARIABLE LABELS multi 'Attends multiple campuses'.  
EXECUTE .
```

```
SORT CASES BY  
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2004\course activity 044T.sav'  
/COMPRESSED.
```

```
*Merge course activity into demo file.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2004\Demo 044T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\SUMMER 2004\course activity 044T.sav'  
/BY id.  
EXECUTE.
```

```
*Create "FTIAC" variable.
```

****Calculate FTIAC (First Time in Any College). Note the following: status refers to active
****status in at least one course. 'admst' (Admit Status) refers to the student's self-reported
****admission status, with FT being First Time in Any College. Previous Session (prevsess)
****null indicates no prior registration at OCC. Highest degree obtained previously (prevdeg)
****greater than 6 indicates high school graduate, GED, unknown, or hasn't graduated high
****school. Transfer college (tcoll) variables indicate activity at other colleges, except those
****indicated within the syntax which are Tech Prep programs at OCC. A credit program (crprog)
****of Guest or High School Dual Enrollment eliminates a student from being considered as
****first time in any college. Finally, presence of occdeg.1 (Previous OCC degree) would indicate
****attendance at OCC.

STRING ftiac (A2).

```
IF (status = 1 & admst = 'FT' & prevsess = '' & prevdeg > 6 & (tcoll.1 = '' | tcoll.1 =  
'TECH PREP BUSINESS INFORMATION SYST' | tcoll.1 = 'TECH PREP DRAFTING'+  
'/DESIGN' | tcoll.1 = 'TECH PREP EARLY CHILDHOOD DEVELOPME' | tcoll.1 = 'TECH'+  
'PREP HEALTH' | tcoll.1 = 'TECH PREP MEDICAL ASSISTING' | tcoll.1 = 'TECH'+  
'PREP STUDENT-APPLICANT' | tcoll.1 = 'ADVANCED PLACEMENT EXAMINATION-CEEB'  
| tcoll.1 = 'COLLEGE ENTRANCE EXAMINATION BOARD') & tcoll.2 = '' & crprog ~= 'GUE' & crprog ~=  
'HSG' & occdeg.1 = '') ftiac = 'Y' .
```

VARIABLE LABELS ftiac 'Calculated FTIAC' .

EXECUTE .

SAVE OUTFILE='I:\Research Data\Student Information System\One Tenth Day\Demo 044T.sav'
/COMPRESSED.

Cases to Variables

Generated Variables

Original Variable		Result	
		Name	Label
Transfer College	1	tcoll.1	tcoll.1: Transfer College
	2	tcoll.2	tcoll.2: Transfer College
	3	tcoll.3	tcoll.3: Transfer College
	4	tcoll.4	tcoll.4: Transfer College
	5	tcoll.5	tcoll.5: Transfer College
	6	tcoll.6	tcoll.6: Transfer College
Credits from Transfer College	1	tcred.1	tcred.1: Credits from Transfer College
	2	tcred.2	tcred.2: Credits from Transfer College
	3	tcred.3	tcred.3: Credits from Transfer College
	4	tcred.4	tcred.4: Credits from Transfer College
	5	tcred.5	tcred.5: Credits from Transfer College
	6	tcred.6	tcred.6: Credits from Transfer College

Processing Statistics

Cases In	1236
Cases Out	967
Cases In/Cases Out	1.3
Variables In	9
Variables Out	19
Index Values	6

Cases to Variables

Generated Variables

Original Variable		Result	
		Name	Label
Previous OCC Degree Month	1	awdmo.1	awdmo.1: Previous OCC Degree Month
	2	awdmo.2	awdmo.2: Previous OCC Degree Month
	3	awdmo.3	awdmo.3: Previous OCC Degree Month
	4	awdmo.4	awdmo.4: Previous OCC Degree Month
Previous OCC Degree Year	1	awdyr.1	awdyr.1: Previous OCC Degree Year
	2	awdyr.2	awdyr.2: Previous OCC Degree Year
	3	awdyr.3	awdyr.3: Previous OCC Degree Year
	4	awdyr.4	awdyr.4: Previous OCC Degree Year
Previous OCC Degree program	1	occdeg.1	occdeg.1: Previous OCC Degree program
	2	occdeg.2	occdeg.2: Previous OCC Degree program
	3	occdeg.3	occdeg.3: Previous OCC Degree program
	4	occdeg.4	occdeg.4: Previous OCC Degree program

Processing Statistics

Cases In	1135
Cases Out	1028
Cases In/Cases Out	1.1
Variables In	10
Variables Out	19
Index Values	4

Frequencies

Statistics

Course Start Date

N	Valid	29627
	Missing	0

Course Start Date

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 05/09/05	8953	30.2	30.2	30.2
05/10/05	9617	32.5	32.5	62.7
05/11/05	1712	5.8	5.8	68.5
05/12/05	1753	5.9	5.9	74.4
05/13/05	210	.7	.7	75.1
05/14/05	39	.1	.1	75.2
05/16/05	101	.3	.3	75.6
05/17/05	77	.3	.3	75.8
06/04/05	20	.1	.1	75.9
06/08/05	7	.0	.0	75.9
06/14/05	24	.1	.1	76.0
06/16/05	41	.1	.1	76.1
06/20/05	36	.1	.1	76.2
06/21/05	29	.1	.1	76.3
06/23/05	25	.1	.1	76.4
06/27/05	15	.1	.1	76.5
07/01/05	50	.2	.2	76.6
07/03/05	13	.0	.0	76.7
07/05/05	90	.3	.3	77.0
07/06/05	3305	11.2	11.2	88.2
07/07/05	3105	10.5	10.5	98.6
07/08/05	68	.2	.2	98.9
07/11/05	64	.2	.2	99.1
07/12/05	197	.7	.7	99.7
07/13/05	50	.2	.2	99.9
07/21/05	23	.1	.1	100.0
08/15/05	3	.0	.0	100.0
Total	29627	100.0	100.0	

	Name	Type	Width	Decimals	Label	Values	Missing	Column
1	id	String	10	0	Student ID	None	None	10
2	ssn	String	11	0	Social Security Number	None	None	11
3	lname	String	26	0	Last Name	None	None	26
4	fname	String	16	0	First Name	None	None	16
5	mname	String	15	0	Middle Name	None	None	15
6	homcmp	String	2	0	Home Campus	None	None	2
7	prvcmp	String	2	0	Previous Home Campus	None	None	2
8	fmrlname	String	26	0	Former Last Name	None	None	26
9	fmrfname	String	16	0	Former First Name	None	None	16
10	fmrname	String	15	0	Former Middle Name	None	None	15
11	rescnty	String	6	0	County of Residence	None	None	6
12	resstt	String	2	0	State of Residence	None	None	2
13	rescntry	String	5	0	Country of Residence	None	None	5
14	alien	String	1	0	Alien Status	None	None	1
15	primlang	String	10	0	Primary Language	None	None	10
16	immig	String	4	0	Immigration Status	{F1, F-1 Stude	None	4
17	area	Numeric	3	0	Area Code	None	None	8
18	phone	String	8	0	Phone Number	None	None	8
19	gender	String	1	0	Gender	None	None	1
20	ethnic	String	2	0	Race/Ethnicity	{AF, African A	None	2
21	brthmo	Numeric	2	0	Birth Month	None	None	8
22	brthda	Numeric	2	0	Birth Day	None	None	8
23	brthyr	Numeric	2	0	Birth Year	None	None	8
24	ferpa	String	1	0	Privacy Code	None	None	1
25	veteran	String	2	0	Veteran Status	None	None	2
26	vetben	String	3	0	Veterans Benefits	None	None	3

	Align	Measure
1	Left	Nominal
2	Left	Nominal
3	Left	Nominal
4	Left	Nominal
5	Left	Nominal
6	Left	Nominal
7	Left	Nominal
8	Left	Nominal
9	Left	Nominal
10	Left	Nominal
11	Left	Nominal
12	Left	Nominal
13	Left	Nominal
14	Left	Nominal
15	Left	Nominal
16	Left	Nominal
17	Right	Scale
18	Left	Nominal
19	Left	Nominal
20	Left	Nominal
21	Right	Nominal
22	Right	Scale
23	Right	Scale
24	Left	Nominal
25	Left	Nominal
26	Left	Nominal

	Name	Type	Width	Decimals	Label	Values	Missing	Column
27	rescode	String	4	0	Residency Code	{INID, Internati	None	4
28	citizen	String	1	0	U.S. Citizenship	None	None	1
29	address	String	26	0	Address	None	None	26
30	address2	String	26	0	Address Line 2	None	None	26
31	city	String	20	0	City	None	None	20
32	state	String	2	0	State	None	None	2
33	zip	String	10	0	Zip Code	None	None	10
34	hscnty	Numeric	7	0	High School County	None	None	8
35	hscode	Numeric	6	0	High School Code	None	None	8
36	hsname	String	27	0	High School Name	None	None	27
37	hscity	String	20	0	High School City	None	None	20
38	hsstate	String	2	0	High School State	None	None	2
39	hsgradmo	Numeric	2	0	High School Graduation Month	None	None	8
40	hsgradyr	Numeric	2	0	High School Graduation Year	None	None	8
41	ged	String	1	0	GED	None	None	1
42	appmo	Numeric	2	0	OCC Application Month	None	None	8
43	appday	Numeric	2	0	OCC Application Day	None	None	8
44	appyr	Numeric	2	0	OCC Application Year	None	None	8
45	appsess	String	7	0	Intended Starting Session	None	None	7
46	admst	String	2	0	Admission Status	{NC, Non Cred	None	2
47	intent	String	5	0	Educational Goal	{TA, Transfer	None	5
48	regcred	Numeric	5	2	Colleague Recorded Credits Registered this term	None	None	8
49	credatt	Numeric	5	2	Credits Attempted OCC Career	None	None	8
50	credearn	Numeric	5	2	Credits Earned OCC Career	None	None	8
51	gpacreds	Numeric	5	2	Credits Calculated in GPA	None	None	8
52	gpapts	Numeric	6	2	Grade Points Earned OCC Career	None	None	8

	Align	Measure
27	Left	Nominal
28	Left	Nominal
29	Left	Nominal
30	Left	Nominal
31	Left	Nominal
32	Left	Nominal
33	Left	Nominal
34	Right	Scale
35	Right	Scale
36	Left	Nominal
37	Left	Nominal
38	Left	Nominal
39	Right	Nominal
40	Right	Scale
41	Left	Nominal
42	Right	Nominal
43	Right	Scale
44	Right	Nominal
45	Left	Nominal
46	Left	Nominal
47	Left	Nominal
48	Right	Scale
49	Right	Scale
50	Right	Scale
51	Right	Scale
52	Right	Scale

	Name	Type	Width	Decimals	Label	Values	Missing	Column
53	prevsess	String	7	0	Last Session Attended	None	None	7
54	crprog	String	14	0	Credit Program	None	None	14
55	ncprog	String	14	0	Non-Credit Program	None	None	14
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Doctorate}..	None	8
57	fpalst	String	2	0	Corrected Alien Status	None	None	2
58	reprace	String	8	0	Reported Race/Ethnicity	{AF, African A	None	10
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	None	35
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	None	10
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	None	35
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	None	10
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	None	35
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	None	10
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	None	35
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	None	10
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	None	35
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	None	10
69	tcoll.6	String	35	0	tcoll.6: Transfer College	None	None	35
70	tcred.6	Numeric	8	2	tcred.6: Credits from Transfer College	None	None	10
71	awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month	None	None	2
72	awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year	None	None	2
73	occdeg.1	String	12	0	occdeg.1: Previous OCC Degree program	None	None	14
74	awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month	None	None	2
75	awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year	None	None	2
76	occdeg.2	String	12	0	occdeg.2: Previous OCC Degree program	None	None	14
77	awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month	None	None	2
78	awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year	None	None	2

Double check
t.coll and
awards

	Align	Measure
53	Left	Nominal
54	Left	Nominal
55	Left	Nominal
56	Right	Nominal
57	Left	Nominal
58	Left	Nominal
59	Left	Nominal
60	Right	Scale
61	Left	Nominal
62	Right	Scale
63	Left	Nominal
64	Right	Scale
65	Left	Nominal
66	Right	Scale
67	Left	Nominal
68	Right	Scale
69	Left	Nominal
70	Right	Scale
71	Left	Nominal
72	Left	Nominal
73	Left	Nominal
74	Left	Nominal
75	Left	Nominal
76	Left	Nominal
77	Left	Nominal
78	Left	Nominal

	Name	Type	Width	Decimals	Label	Values	Missing	Column
79	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	None	14
80	awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month	None	None	2
81	awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year	None	None	2
82	occdeg.4	String	12	0	occdeg.4: Previous OCC Degree program	None	None	14
83	run	String	10	0	Extract Date	None	None	10
84	term	String	7	0	Session	None	None	7
85	credits	Numeric	8	2	Credits Registered This Term	None	None	10
86	campah	Numeric	8	2	Courses Taken at Auburn Hills	None	None	10
87	camphl	Numeric	8	2	Courses Taken at Highland Lakes	None	None	10
88	campor	Numeric	8	2	Courses Taken at Orchard Ridge	None	None	10
89	campro	Numeric	8	2	Courses Taken at Royal Oak	None	None	10
90	campsf	Numeric	8	2	Courses Taken at Southfield	None	None	10
91	campdw	Numeric	8	2	Courses Taken District Wide	None	None	10
92	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	None	10
93	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None	None	10
94	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None	None	10
95	credro	Numeric	8	2	Credits Registered at Royal Oak	None	None	10
96	credsf	Numeric	8	2	Credits Registered at Southfield	None	None	10
97	creddw	Numeric	8	2	Credits Registered District Wide	None	None	10
98	status	Numeric	8	2	Student Status in Term	None	None	10
99	multi	Numeric	8	2	Attends multiple campuses	None	None	10
100	ftiac	String	2	0	Calculated FTIAC	None	None	7

*changed
do F8.0
qmb*

	Align	Measure
79	Left	Nominal
80	Left	Nominal
81	Left	Nominal
82	Left	Nominal
83	Left	Nominal
84	Left	Nominal
85	Right	Scale
86	Right	Scale
87	Right	Scale
88	Right	Scale
89	Right	Scale
90	Right	Scale
91	Right	Scale
92	Right	Scale
93	Right	Scale
94	Right	Scale
95	Right	Scale
96	Right	Scale
97	Right	Scale
98	Right	Scale
99	Right	Scale
100	Left	Nominal

	Name	Type	Width	Deci	Label	Values	Missin	Col	Align	Measure
1	id	String	10	0	Student ID	None	None	1	Left	Nominal
2	ssn	String	11	0	Social Security Number	None	None	1	Left	Nominal
3	lname	String	26	0	Last Name	None	None	2	Left	Nominal
4	fname	String	16	0	First Name	None	None	1	Left	Nominal
5	mname	String	15	0	Middle Name	None	None	1	Left	Nominal
6	homcmp	String	2	0	Home Campus	None	None	2	Left	Nominal
7	prvcmp	String	2	0	Previous Home Campus	None	None	2	Left	Nominal
8	fmrlname	String	26	0	Former Last Name	None	None	2	Left	Nominal
9	fmrfname	String	16	0	Former First Name	None	None	1	Left	Nominal
10	fmrname	String	15	0	Former Middle Name	None	None	1	Left	Nominal
11	rescnty	String	6	0	County of Residence	None	None	6	Left	Nominal
12	resstt	String	2	0	State of Residence	None	None	2	Left	Nominal
13	rescntry	String	5	0	Country of Residence	None	None	5	Left	Nominal
14	alien	String	1	0	Alien Status	None	None	1	Left	Nominal
15	primlang	String	10	0	Primary Language	None	None	1	Left	Nominal
16	immig	String	4	0	Immigration Status	{F1, F-	None	4	Left	Nominal
17	area	Numeric	3	0	Area Code	None	None	8	Right	Scale
18	phone	String	8	0	Phone Number	None	None	8	Left	Nominal
19	gender	String	1	0	Gender	None	None	1	Left	Nominal
20	ethnic	String	2	0	Race/Ethnicity	{AF, Af	None	2	Left	Nominal
21	brthmo	Numeric	2	0	Birth Month	None	None	8	Right	Nominal
22	brthda	Numeric	2	0	Birth Day	None	None	8	Right	Scale
23	brthyr	Numeric	2	0	Birth Year	None	None	8	Right	Scale
24	ferpa	String	1	0	Privacy Code	None	None	1	Left	Nominal
25	veteran	String	2	0	Veteran Status	None	None	2	Left	Nominal
26	vetben	String	3	0	Veterans Benefits	None	None	3	Left	Nominal

	Name	Type	Width	Deci	Label	Values	Missin	Col	Align	Measure
27	rescode	String	4	0	Residency Code	{INID, I	None	4	Left	Nominal
28	citizen	String	1	0	U.S. Citizenship	None	None	1	Left	Nominal
29	address	String	26	0	Address	None	None	2	Left	Nominal
30	address2	String	26	0	Address Line 2	None	None	2	Left	Nominal
31	city	String	20	0	City	None	None	2	Left	Nominal
32	state	String	2	0	State	None	None	2	Left	Nominal
33	zip	String	10	0	Zip Code	None	None	1	Left	Nominal
34	hscnty	Numeric	7	0	High School County	None	None	8	Right	Scale
35	hscode	Numeric	6	0	High School Code	None	None	8	Right	Scale
36	hsname	String	27	0	High School Name	None	None	2	Left	Nominal
37	hscity	String	20	0	High School City	None	None	2	Left	Nominal
38	hsstate	String	2	0	High School State	None	None	2	Left	Nominal
39	hsgradmo	Numeric	2	0	High School Graduation Month	None	None	8	Right	Nominal
40	hsgradyr	Numeric	2	0	High School Graduation Year	None	None	8	Right	Scale
41	ged	String	1	0	GED	None	None	1	Left	Nominal
42	appmo	Numeric	2	0	OCC Application Month	None	None	8	Right	Nominal
43	appday	Numeric	2	0	OCC Application Day	None	None	8	Right	Scale
44	appyr	Numeric	2	0	OCC Application Year	None	None	8	Right	Nominal
45	appsess	String	7	0	Intended Starting Session	None	None	7	Left	Nominal
46	admst	String	2	0	Admission Status	{NC, N	None	2	Left	Nominal
47	intent	String	5	0	Educational Goal	{TA, Tr	None	5	Left	Nominal
48	regcred	Numeric	5	2	Colleague Recorded Credits Registered this term	None	None	8	Right	Scale
49	credatt	Numeric	5	2	Credits Attempted OCC Career	None	None	8	Right	Scale
50	credearn	Numeric	5	2	Credits Earned OCC Career	None	None	8	Right	Scale
51	gpacreds	Numeric	5	2	Credits Calculated in GPA	None	None	8	Right	Scale
52	gpapts	Numeric	6	2	Grade Points Earned OCC Career	None	None	8	Right	Scale

	Name	Type	Width	Deci	Label	Values	Missin	Col	Align	Measure
53	prevsess	String	7	0	Last Session Attended	None	None	7	Left	Nominal
54	crprog	String	14	0	Credit Program	None	None	1	Left	Nominal
55	ncprog	String	14	0	Non-Credit Program	None	None	1	Left	Nominal
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Do	None	8	Right	Nominal
57	fpalst	String	2	0	Corrected Alien Status	None	None	2	Left	Nominal
58	reprace	String	8	0	Reported Race/Ethnicity	{AF, Af	None	1	Left	Nominal
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	None	3	Left	Nominal
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	None	1	Right	Scale
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	None	3	Left	Nominal
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	None	1	Right	Scale
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	None	3	Left	Nominal
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	None	1	Right	Scale
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	None	3	Left	Nominal
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	None	1	Right	Scale
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	None	3	Left	Nominal
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	None	1	Right	Scale
69	tcoll.6	String	35	0	tcoll.6: Transfer College	None	None	3	Left	Nominal
70	tcred.6	Numeric	8	2	tcred.6: Credits from Transfer College	None	None	1	Right	Scale
71	awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month	None	None	2	Left	Nominal
72	awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year	None	None	2	Left	Nominal
73	occdeg.1	String	12	0	occdeg.1: Previous OCC Degree program	None	None	1	Left	Nominal
74	awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month	None	None	2	Left	Nominal
75	awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year	None	None	2	Left	Nominal
76	occdeg.2	String	12	0	occdeg.2: Previous OCC Degree program	None	None	1	Left	Nominal
77	awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month	None	None	2	Left	Nominal
78	awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year	None	None	2	Left	Nominal

6 transfer
OK

4 degrees
OK

	Name	Type	Width	Deci	Label	Values	Missin	Col	Align	Measure
79	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	None	1	Left	Nominal
80	awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month	None	None	2	Left	Nominal
81	awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year	None	None	2	Left	Nominal
82	occdeg.4	String	12	0	occdeg.4: Previous OCC Degree program	None	None	1	Left	Nominal
83	run	String	10	0	Extract Date	None	None	1	Left	Nominal
84	term	String	7	0	Session	None	None	7	Left	Nominal
85	credits	Numeric	8	2	Credits Registered This Term	None	None	1	Right	Scale
86	campah	Numeric	8	2	Courses Taken at Auburn Hills	None	None	1	Right	Scale
87	camphl	Numeric	8	2	Courses Taken at Highland Lakes	None	None	1	Right	Scale
88	campor	Numeric	8	2	Courses Taken at Orchard Ridge	None	None	1	Right	Scale
89	campro	Numeric	8	2	Courses Taken at Royal Oak	None	None	1	Right	Scale
90	campsf	Numeric	8	2	Courses Taken at Southfield	None	None	1	Right	Scale
91	campdw	Numeric	8	2	Courses Taken District Wide	None	None	1	Right	Scale
92	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	None	1	Right	Scale
93	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None	None	1	Right	Scale
94	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None	None	1	Right	Scale
95	credro	Numeric	8	2	Credits Registered at Royal Oak	None	None	1	Right	Scale
96	credsf	Numeric	8	2	Credits Registered at Southfield	None	None	1	Right	Scale
97	creddw	Numeric	8	2	Credits Registered District Wide	None	None	1	Right	Scale
98	status	Numeric	8	2	Student Status in Term	None	None	1	Right	Scale
99	multi	Numeric	8	2	Attends multiple campuses	None	None	1	Right	Scale
100	ftiac	String	2	0	Calculated FTIAC	None	None	7	Left	Nominal

DEMO 054E SUMMER II 2005, EOS

XIR1 → From Snapshot File → COURSE AUG 3005, DAT

XIR2 → From Snapshot File → HEADCOUNT AUG 3005, DAT

XIR3 → STUDENT → STUDENT AUG 3005, DAT

COLLEGE → COLLEGE AUG 3005, DAT

DEGREES → DEGREES AUG 3005, DAT

SPDAS → SPDAS AUG 3005, DAT

TESTS → TESTS AUG 3005, DAT

Colleague

Queries: "IR STUDENTS by term.wis" → IRSTUD 05 SU

chg term and file info

"Save Foreign Person Alien Status.wis"

chg - get list

- AC output file info

creates → fpalst summer II 2005 EOS, tct

Run: "Colleague Demo End of Session, SPS"

chg Summer I → Summer II (6)

JUL 0605 → AUG 3005 (4)

summer I → summer II (1)

052E → 054E (24)

transfer (6)

degrees (4)

Demo to Official Enrollment comparison, SPS

chg First Day of Session → End of Session (1)

Demo 055F → Demo 054E (4)

**SUMMER II 2005 One Tenth Day.

***'Colleague DEMO 2005.SPS, January 20, 2005

**Prior to running this syntax several Replace All commands must occur. First, the date portion

**of the raw data files must be adjusted. For example, Replace all 'SEP1404' with 'JAN2304'.

**Next, the term file in the Research Data file must be replaced, e.g. 'Winter 2005' with 'Winter 2004'.

**The foreign person alien status file has a different naming convention and must also be replaced.

**Replace 'fds' with 'otd', for example. The output file term identifier needs

**to be replaced as well, for example 045T with 051F or 045T with 041T. Replace the full Headcount

**file name in order to ensure that the correct extract is used for counting purposes.

*Replace " ** of Session" sub-directory.

GET DATA /TYPE = TXT

/FILE = 'I:\Research Data\Student Information System\Summer 2005\Summer II 2005 Raw Data\STUDENTAUG3005.DAT'

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

ssn A11

lname A26

fname A16

mname A15

homcmp A2

prvcmp A2

fmrlname A26

fmrfname A16

fmrname A15

rescnty A6

resstf A2

rescntry A5

alien A1

primlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

brthmo F2.0

brthda F2.0
brthyr F2.0
ferpa A1
veteran A2
vetben A3
rescode A4
citizen A1
address A26
address2 A26
city A20
state A2
zip A10
hscnty F7.0
hscode F6.0
hsname A27
hscity A20
hsstate A2
hsgradmo F2.0
hsgradyr F2.0
ged A1
appmo F2.0
appday F2.0
appyr F2.0
appsess A7
admst A2
intent A5
regcred F5.2
credatt F5.2
credearn F5.2
gpacreds F5.2
gpapts F6.2
prevsess A7
crprog A14
sdprog 14 X
ncprog A14
prevdeg F1.0

CACHE.
EXECUTE.

VARIABLE LABELS

id 'Student ID'

ssn 'Social Security Number'
lname 'Last Name'
fname 'First Name'
mname 'Middle Name'
homcmp 'Home Campus'
prvcmp 'Previous Home Campus'
fmrlname 'Former Last Name'
fmrfname 'Former First Name'
fmrname 'Former Middle Name'
rescnty 'County of Residence'
resstt 'State of Residence'
rescntry 'Country of Residence'
alien 'Alien Status'
primlang 'Primary Language'
immig 'Immigration Status'
area 'Area Code'
phone 'Phone Number'
gender 'Gender'
ethnic 'Race/Ethnicity'
brthmo 'Birth Month'
brthda 'Birth Day'
brthyr 'Birth Year'
ferpa 'Privacy Code'
veteran 'Veteran Status'
vetben 'Veterans Benefits'
rescode 'Residency Code'
citizen 'U.S. Citizenship'
address 'Address'
address2 'Address Line 2'
city 'City'
state 'State'
zip 'Zip Code'
hscnty 'High School County'
hscode 'High School Code'
hsname 'High School Name'
hscity 'High School City'
hsstate 'High School State'
hsgradmo 'High School Graduation Month'
hsgradyr 'High School Graduation Year'
ged 'GED'
appmo 'OCC Application Month'
appday 'OCC Application Day'
appyr 'OCC Application Year'

appsess 'Intended Starting Session'
admst 'Admission Status'
intent 'Educational Goal'
regcred 'Colleague Recorded Credits Registered this term'
credatt 'Credits Attempted OCC Career'
credearn 'Credits Earned OCC Career'
gpacreds 'Credits Calculated in GPA'
gpapts 'Grade Points Earned OCC Career'
prevsess 'Last Session Attended'
crprog 'Credit Program'
ncprog 'Non-Credit Program'
prevdeg 'Highest Degree Obtained'

EXECUTE.

value labels admst 'CG' 'College Guest' 'FT' 'First Time in Any College' 'HD' 'Dual Enrollment'
'HG' 'High School Guest' 'NC' 'Non Credit' 'PR' 'Previously Attended OCC' 'TR' 'Transfer'.

value labels intent 'TW' 'Transfer without obtaining degree or certificate'
'TA' 'Transfer after obtaining degree or certificate'
'DC' 'Obtain OCC degree or certificate'
'ER' 'Employment Related Knowledge'
'EN' 'Gain knowledge unrelated to employment'
'UN' 'Undecided'.

value labels immig 'PR' 'Permanent Resident'
'TR' 'Temporary Resident'
'RE' 'Refugee/Asylee'
'RA' 'Resident Alien'
'NI' 'Non-Immigrant'
'NR' 'Non-Resident Alien'
'UN' 'Unknown'
'AU' 'Au Pair'
'F1' 'F-1 Student'
'OI' 'Other International'.

value labels rescode 'REVN' 'Residency Verification Needed' 'SCOD' 'Invalid Code'
'OUSV' 'Virtual College Out of State' 'OUDV' 'Virtual College Out of District'
'SCIN' 'Invalid Code' 'INOS' 'International Out of State' 'INOD' 'International Out of District'
'INID' 'International In District' 'INDI' 'In District' 'OUST' 'Out of State'
'INDV' 'Virtual College In District' 'OUDI' 'Out of District'.

value labels prevdeg 1 'Doctorate' 2 'Master' 3 'Bachelor' 5 'Associate' 6 'Certificate'