

*variables  
proofed - 2/6  
jj & gf*

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	id	String	10	0	Student ID	None	None	10	Left	Nominal
2	ssn	String	11	0	Social Security Number	None	None	11	Left	Nominal
3	lname	String	26	0	Last Name	None	None	26	Left	Nominal
4	fname	String	16	0	First Name	None	None	16	Left	Nominal
5	mname	String	15	0	Middle Name	None	None	15	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	26	Left	Nominal
9	fmrfname	String	16	0	Former First Name	None	None	16	Left	Nominal
10	fmrname	String	15	0	Former Middle Name	None	None	15	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	10	Left	Nominal
16	immig	String	4	0	Immigration Status	{F1, F-1	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, Afri	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	Decimals	Label	Values	Missing	Columns	Align	Measure
27	rescode	String	4	0	Residency Code	{INID, In	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	26	Left	Nominal
30	address2	String	26	0	Address Line 2	None	None	26	Left	Nominal
31	city	String	20	0	City	None	None	20	Left	Nominal
32	state	String	2	0	State	None	None	2	Left	Nominal
33	zip	String	10	0	Zip Code	None	None	10	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	27	Left	Nominal
37	hscity	String	20	0	High School City	None	None	20	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, No	None	2	Left	Nominal
47	intent	String	5	0	Educational Goal	{TA, Tra	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	Decimals	Label	Values	Missing	Columns	Align	Measure
53	prevsess	String	7	0	Last Session Attended	None	None	7	Left	Nominal
54	crprog	String	14	0	Credit Program	None	None	14	Left	Nominal
55	ncprog	String	14	0	Non-Credit Program	None	None	14	Left	Nominal
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Doct	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, Afri	None	10	Left	Nominal
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	None	35	Left	Nominal
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	None	10	Right	Scale
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	None	35	Left	Nominal
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	None	10	Right	Scale
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	None	35	Left	Nominal
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	None	10	Right	Scale
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	None	35	Left	Nominal
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	None	10	Right	Scale
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	None	35	Left	Nominal
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	None	10	Right	Scale
69	tcoll.6	String	35	0	tcoll.6: Transfer College	None	None	35	Left	Nominal
70	tcred.6	Numeric	8	2	tcred.6: Credits from Transfer College	None	None	10	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	occddeg.1	String	12	0	occddeg.1: Previous OCC Degree program	None	None	14	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	occddeg.2	String	12	0	occddeg.2: Previous OCC Degree program	None	None	14	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

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
79	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	None	14	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	14	Left	Nominal
83	awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month	None	None	2	Left	Nominal
84	awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year	None	None	2	Left	Nominal
85	occdeg.5	String	12	0	occdeg.5: Previous OCC Degree program	None	None	14	Left	Nominal
86	awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month	None	None	2	Left	Nominal
87	awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year	None	None	2	Left	Nominal
88	occdeg.6	String	12	0	occdeg.6: Previous OCC Degree program	None	None	14	Left	Nominal
89	awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month	None	None	2	Left	Nominal
90	awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year	None	None	2	Left	Nominal
91	occdeg.7	String	12	0	occdeg.7: Previous OCC Degree program	None	None	14	Left	Nominal
92	awdmo.8	String	2	0	awdmo.8: Previous OCC Degree Month	None	None	2	Left	Nominal
93	awdyr.8	String	2	0	awdyr.8: Previous OCC Degree Year	None	None	2	Left	Nominal
94	occdeg.8	String	12	0	occdeg.8: Previous OCC Degree program	None	None	14	Left	Nominal
95	run	String	10	0	Extract Date	None	None	10	Left	Nominal
96	term	String	7	0	Session	None	None	7	Left	Nominal
97	credits	Numeric	8	2	Credits Registered This Term	None	None	10	Right	Scale
98	campah	Numeric	8	0	Courses Taken at Auburn Hills	None	None	10	Right	Scale
99	camphl	Numeric	8	0	Courses Taken at Highland Lakes	None	None	10	Right	Scale
100	campor	Numeric	8	0	Courses Taken at Orchard Ridge	None	None	10	Right	Scale
101	campro	Numeric	8	0	Courses Taken at Royal Oak	None	None	10	Right	Scale
102	campsf	Numeric	8	0	Courses Taken at Southfield	None	None	10	Right	Scale
103	campdw	Numeric	8	0	Courses Taken District Wide	None	None	10	Right	Scale
104	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	None	10	Right	Scale



	Name	Type	Width	Dec	Label	Values	Missing	Column	Align	Measure
105	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None	None	10	Right	Scale
106	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None	None	10	Right	Scale
107	credro	Numeric	8	2	Credits Registered at Royal Oak	None	None	10	Right	Scale
108	credsf	Numeric	8	2	Credits Registered at Southfield	None	None	10	Right	Scale
109	creddw	Numeric	8	2	Credits Registered District Wide	None	None	10	Right	Scale
110	status	Numeric	8	2	Student Status in Term	None	None	10	Right	Scale
111	multi	Numeric	8	2	Attends multiple campuses	None	None	10	Right	Scale
112	ftiac	String	2	0	Calculated FTIAC	None	None	7	Left	Nominal

*changed to  
FBI.D  
gms*

DEMO 055F      FALL 05    FDS

XIR1	→	From Snapshot	→	COURSESEPD105.DAT
XIR2	→	"	→	HEADCOUNTSEPD105.DAT
XIR3	→	STUDENT	→	STUDENTSEPD105.DAT
		COLLEGE	→	COLLEGESEPD105.DAT
		DEGREES	→	DEGREESSEPD105.DAT
		SPOPS	→	SPOPSSEPD105.DAT
		TESTS	→	TESTSEPD105.DAT

QUERIES: "IR STUDENTS by term.wis" → IRSTUD05FA  
"SAVE Foreign Person Alien Status.wis"

creates: fpalst fall 2005 FDS.txt

Run "Colleague Demo 04272005.SPS

change 2004 → 2005 (29)

SEPD004 → SEPD105 (4)

checked for OTD + EDS (0)

045F → 055F (25)

transfers 6

Awards 8

2/

Run "Demo to Official Enrollment comparison.SPS

chg One Tenth Day → First Day of Session (1)

042T → 055F (4)

	term	credah_sum	credhl_sum	credor_sum	credro_sum	credsf_sum	creddw_sum
1		.00	.00	.00	.00	.00	.00
2	2005/FA	60210.00	34423.00	51813.00	35679.00	16573.00	.00

✓ ✓ ✓ ✓ ✓ ✓ ✓

Demo 055F SCH HC Aggregate.sav

	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	5384.00	198698.00	8163.00	4824.00	7583.00	6104.00	2980.00	.00

✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

	status_sum
1	.00
2	23534.00



\*Demo to Official Enrollment comparison.

\*Open appropriate Demo file.

GET

FILE='I:\Research Data\Student Information System\First Day of Session\Demo 055F.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 055F comparision.sav'

/COMPRESSED.

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

AGGREGATE

/OUTFILE='H:\DEMO file instructions\Demo 055F SCH HC Aggregate.sav'

/BREAK=term

/credah\_sum = SUM(credah) /credhl\_sum = SUM(credhl) /credor\_sum = SUM(credor) /credro\_sum =

SUM(credro) /credsf\_sum =

SUM(credits) /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 055F SCH HC Aggregate.sav'.

\*\*Fall 2005 First Day of Session.

\*\*\*Colleague DEMO 2004.SPS, January 20, 2004

\*\*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\Fall 2005\Raw Data\STUDENTSEP0105.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



# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Fall 2005 EOS.sav

*File moved  
4/30/08  
gmy*

## 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

*✓ 4-30-08 -op*

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

# File Information

[DataSet1] I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Fall 2005 OTD.sav

## Variable Information

*File moved  
4/28/08*

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	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
res6	30	Residency Code 6	Nominal	4	Left	A4	A4
r6no	31	Students in Residency Code 6	Scale	8	Right	F2.1	F2.1
sectotdmo	32	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	33	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	34	Section One Tenth Day Year	Nominal	4	Left	A4	A4

Variables in the working file

*✓ 4-28-08-af*



# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Fall 2005 FDS.sav

*FILE MOVED  
5/17/08  
ajg*

## 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	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
res6	30	Residency Code 6	Nominal	4	Left	A4	A4
r6no	31	Students in Residency Code 6	Scale	8	Right	F2.1	F2.1
sectotdmo	32	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	33	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	34	Section One Tenth Day Year	Nominal	4	Left	A4	A4

Variables in the working file

*✓ 5/5/08  
ajg*

# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Summer II 2005 EOS.sav

*File moved  
4/29/08  
gdy*

## 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	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
sectotdmo	30	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	31	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	32	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	33	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	34	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	35	College wide One Tenth Day Year	Nominal	4	Left	A4	A4

*OK*  
*resp*  
*no no*  
*no no*

Variables in the working file

*[no OTD date] OK*

*4-29-08-ap*



# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Fall OTD 2005 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	<del>Scale</del> NOM.	8	Right	F6	F6
loc	5	Course Location	Nominal	4	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
acs	7	Course Activity Classification Structure Code	<del>Scale</del> NOM.	8	Right	F4.2	F4.2
strt	8	Course Start Date	Nominal	8	Left	A8	A8
end	9	Course End Date	Nominal	8	Left	A8	A8
type	10	Course Type	Nominal	3	Left	A3	A3
cred	11	Course Credit Hours	<del>Nominal</del> SCALE	8	Right	F4.2	F4.2
cont	12	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	13	Student ID Number	Nominal	10	Left	A10	A10
homcmp	14	Student Home Campus	Nominal	2	Left	A2	A2
lname	15	Student Last Name	Nominal	26	Left	A26	A26
fname	16	Student First Name	Nominal	16	Left	A16	A16
mname	17	Student Middle Name	Nominal	15	Left	A15	A15
ssn	18	Student Social Security Number	Nominal	11	Left	A11	A11
grde	19	Student Course Grade	Nominal	8	Right	F2.1	F2.1
stat	20	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

OK  
no  
"section"

OK  
not on  
M.C.

no  
"regstat"  
OK

corrected

8/6

SCALE

	loc	cred_1	
1	AH	60061.00	✓
2	HL	34134.00	✓
3	OR	52965.00	✓
4	RO	36339.00	✓
5	SF	17004.00	✓



Fall 05 OTD Total Collegewide Credit (credits).sav

	run	cred_1
1	09/13/2005	200503.00 ✓

**Attends Royal Oak Campus**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	17999	74.1	74.1	74.1
1.00	6288 ✓	25.9	25.9	100.0
Total	24287	100.0	100.0	

**Attends Southfield Campus**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	21204	87.3	87.3	87.3
1.00	3083 ✓	12.7	12.7	100.0
Total	24287	100.0	100.0	

**Attends Districtwide Campus**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	24287	100.0	100.0	100.0

**Attends multiple campuses**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	5338 ✓	22.0	100.0	100.0
Missing System	18949	78.0		
Total	24287 ✓	100.0		

# Frequencies

H:\Course Registration Working Area\Course Registration Reviews\Fall OTD 2005  
 HEADCOUNTSep1305 Unduplicated.SAV

## Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus
N	Valid	24287	24287	24287	24287	24287
	Missing	0	0	0	0	0

## Statistics

		Attends Districtwide Campus	Attends multiple campuses
N	Valid	24287	5338
	Missing	0	18949

# Frequency Table

## Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	16018	66.0	66.0	66.0
	1.00	8269	34.0	34.0	100.0
Total		24287	100.0	100.0	

## Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	19447	80.1	80.1	80.1
	1.00	4840	19.9	19.9	100.0
Total		24287	100.0	100.0	

## Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	16432	67.7	67.7	67.7
	1.00	7855	32.3	32.3	100.0
Total		24287	100.0	100.0	

## File Information:

The extract for this file does not contain the variables "section" or "regstat".

I:\Research Data\Student Information System\Raw Data files\WIP\Fall FDS 2005 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
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
acs	7	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	8	Course Start Date	Nominal	8	Left	A8	A8
end	9	Course End Date	Nominal	8	Left	A8	A8
type	10	Course Type	Nominal	3	Left	A3	A3
cred	11	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	12	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	13	Student ID Number	Nominal	10	Left	A10	A10
homcmp	14	Student Home Campus	Nominal	2	Left	A2	A2
lname	15	Student Last Name	Nominal	26	Left	A26	A26
fname	16	Student First Name	Nominal	16	Left	A16	A16
mname	17	Student Middle Name	Nominal	15	Left	A15	A15
grde	18	Student Course Grade	Nominal	8	Right	F2.1	F2.1
stat	19	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

# Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Fall FDS 2005  
 HEADCOUNTSep0105 Unduplicated.SAV

## Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus
N	Valid	23534	23534	23534	23534	23534
	Missing	0	0	0	0	0

## Statistics

		Attends Districtwide Campus	Attends multiple campuses
N	Valid	23534	5384
	Missing	0	18150

# Frequency Table

## Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	15371	65.3	65.3	65.3
	1.00	8163	34.7	34.7	100.0
Total		23534	100.0	100.0	

## Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	18710	79.5	79.5	79.5
	1.00	4824	20.5	20.5	100.0
Total		23534	100.0	100.0	

## Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	15951	67.8	67.8	67.8
	1.00	7583	32.2	32.2	100.0
Total		23534	100.0	100.0	

**Attends Royal Oak Campus**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	17430	74.1	74.1	74.1
1.00	6104 ✓	25.9	25.9	100.0
Total	23534	100.0	100.0	

**Attends Southfield Campus**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	20554	87.3	87.3	87.3
1.00	2980 ✓	12.7	12.7	100.0
Total	23534	100.0	100.0	

**Attends Districtwide Campus**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	23534	100.0	100.0	100.0

**Attends multiple campuses**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00	5384 ✓	22.9	100.0	100.0
Missing System	18150 ✓	77.1		
Total	23534 ✓	100.0		

Fall 05 FDS Credit (credits) by campus.sav

	loc	cred_1	
1	AH	60210.00	✓
2	HL	34423.00	✓
3	OR	51813.00	✓
4	RO	35679.00	✓
5	SF	16573.00	✓



	run	cred_1
1	09/01/2005	198698.00

 ✓

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 ~=**

```
' & 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\Fall 2005\Demo 055F.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\Fall 2005\Raw Data'+  
'\fpalst Fall 2005.txt' FDS  
/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\Fall 2005\Foreign Person 055F.sav'  
/COMPRESSED.
```

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

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Fall 2005\Foreign Person 055F.sav'  
/BY id.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Demo 055F.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\Fall 2005\Demo 055F.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\Fall 2005\Raw Data'+  
'\COLLEGESEP0105.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\Fall 2005\Transfer055F.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Transfer055F.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Transfer055F.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Fall 2005\Transfer055F.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\Fall 2005\Demo 055F.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\Fall 2005\Raw Data'+  
'\DEGRESSEP0105.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\Fall 2005\Previous OCC Degrees 055F.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Previous OCC Degrees 055F.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Previous OCC Degrees 055F.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055F.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Fall 2005\Previous OCC Degrees 055F.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\Fall 2005\Demo 055F.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\Fall 2005\Raw Data'+  
'\HEADCOUNTSEP0105.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' & strt NE '08/15/05').
```

```
*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.
```

```
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\Fall 2005\course activity 055F.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\Fall 2005\course activity 055F.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 .
```

```
SORT CASES BY
```

```
id (A) .
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\course activity 055F.sav'
/COMPRESSED.
```

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

```
GET
```

```
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055F.sav'.
```

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

```
/TABLE='I:\Research Data\Student Information System\Fall 2005\course activity 055F.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\Fall 2005\Demo 055F.sav'  
/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\First Day of Session\Demo 055F.sav'  
/COMPRESSED.

*variables  
proofed - s/6  
if o' up*

	Name	Type	Width	Dec	Label	Values	Missing	Colu	Align	Measure
1	id	String	10	0	Student ID	None	None	10	Left	Nominal
2	ssn	String	11	0	Social Security Number	None	None	11	Left	Nominal
3	lname	String	26	0	Last Name	None	None	26	Left	Nominal
4	fname	String	16	0	First Name	None	None	16	Left	Nominal
5	mname	String	15	0	Middle Name	None	None	15	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	26	Left	Nominal
9	fmrfname	String	16	0	Former First Name	None	None	16	Left	Nominal
10	fmrname	String	15	0	Former Middle Name	None	None	15	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	10	Left	Nominal
16	immig	String	4	0	Immigration Status	{F1, F-1	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, Afri	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	Widt	De	Label	Values	Missing	Colu	Align	Measure
27	rescode	String	4	0	Residency Code	{INID, In	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	26	Left	Nominal
30	address2	String	26	0	Address Line 2	None	None	26	Left	Nominal
31	city	String	20	0	City	None	None	20	Left	Nominal
32	state	String	2	0	State	None	None	2	Left	Nominal
33	zip	String	10	0	Zip Code	None	None	10	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	27	Left	Nominal
37	hscity	String	20	0	High School City	None	None	20	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, No	None	2	Left	Nominal
47	intent	String	5	0	Educational Goal	{TA, Tra	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	Decimals	Label	Values	Missing	Columns	Align	Measure
53	prevsess	String	7	0	Last Session Attended	None	None	7	Left	Nominal
54	crprog	String	14	0	Credit Program	None	None	14	Left	Nominal
55	ncprog	String	14	0	Non-Credit Program	None	None	14	Left	Nominal
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, Doct	None	8	Right	Nominal
57	fpalst	String	2	0	Corrected Alien Status	None	None	2	Left	Nominal
58	repace	String	8	0	Reported Race/Ethnicity	{AF, Afri	None	10	Left	Nominal
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	None	35	Left	Nominal
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	None	10	Right	Scale
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	None	35	Left	Nominal
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	None	10	Right	Scale
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	None	35	Left	Nominal
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	None	10	Right	Scale
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	None	35	Left	Nominal
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	None	10	Right	Scale
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	None	35	Left	Nominal
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	None	10	Right	Scale
69	tcoll.6	String	35	0	tcoll.6: Transfer College	None	None	35	Left	Nominal
70	tcred.6	Numeric	8	2	tcred.6: Credits from Transfer College	None	None	10	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	14	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	14	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

	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
79	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	None	14	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	14	Left	Nominal
83	awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month	None	None	2	Left	Nominal
84	awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year	None	None	2	Left	Nominal
85	occdeg.5	String	12	0	occdeg.5: Previous OCC Degree program	None	None	14	Left	Nominal
86	awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month	None	None	2	Left	Nominal
87	awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year	None	None	2	Left	Nominal
88	occdeg.6	String	12	0	occdeg.6: Previous OCC Degree program	None	None	14	Left	Nominal
89	awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month	None	None	2	Left	Nominal
90	awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year	None	None	2	Left	Nominal
91	occdeg.7	String	12	0	occdeg.7: Previous OCC Degree program	None	None	14	Left	Nominal
92	awdmo.8	String	2	0	awdmo.8: Previous OCC Degree Month	None	None	2	Left	Nominal
93	awdyr.8	String	2	0	awdyr.8: Previous OCC Degree Year	None	None	2	Left	Nominal
94	occdeg.8	String	12	0	occdeg.8: Previous OCC Degree program	None	None	14	Left	Nominal
95	run	String	10	0	Extract Date	None	None	10	Left	Nominal
96	term	String	7	0	Session	None	None	7	Left	Nominal
97	credits	Numeric	8	2	Credits Registered This Term	None	None	10	Right	Scale
98	campah	Numeric	8	0	Courses Taken at Auburn Hills	None	None	10	Right	Scale
99	camphl	Numeric	8	0	Courses Taken at Highland Lakes	None	None	10	Right	Scale
100	campor	Numeric	8	0	Courses Taken at Orchard Ridge	None	None	10	Right	Scale
101	campro	Numeric	8	0	Courses Taken at Royal Oak	None	None	10	Right	Scale
102	campsf	Numeric	8	0	Courses Taken at Southfield	None	None	10	Right	Scale
103	campdw	Numeric	8	0	Courses Taken District Wide	None	None	10	Right	Scale
104	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	None	10	Right	Scale

OK {

	Name	Type	Width	Dec	Label	Values	Missing	Column	Align	Measure
105	credhl	Numeric	8	2	Credits Registered at Highland Lakes	None	None	10	Right	Scale
106	credor	Numeric	8	2	Credits Registered at Orchard Ridge	None	None	10	Right	Scale
107	credro	Numeric	8	2	Credits Registered at Royal Oak	None	None	10	Right	Scale
108	credsf	Numeric	8	2	Credits Registered at Southfield	None	None	10	Right	Scale
109	creddw	Numeric	8	2	Credits Registered District Wide	None	None	10	Right	Scale
110	status	Numeric	8	2	Student Status in Term	None	None	10	Right	Scale
111	multi	Numeric	8	<del>2</del>	Attends multiple campuses	None	None	10	Right	Scale
112	ftiac	String	2	0	Calculated FTIAC	None	None	7	Left	Nominal

*changed  
to F8.0  
gmb*

DEMO 05ST FALL 05 OTD

Run XIR3 → XIR.STUDENT.FILE, 20050913 → STUDENTSEP1305.DAT  
 COLLEGE → COLLEGE SEP1305.DAT  
 DEGREES → DEGREES SEP1305.DAT  
 SPOPS → SPOPS SEP1305.DAT  
 TESTS → TESTS SEP1305.DAT  
 XIR1 From Snapshot files → COURSESEP1305.DAT  
 XIR2 → HEADCOUNT1305.DAT

COLLEAGUE  
QUERIES

"IR STUDENTS by term, wis → IR STUDOS FA  
 chg term and file  
 "Save Foreign Person Alien Status, wis"  
 chg - get list  
 -PC output file info →  
 creates → spalst fall 2005 OTD.txt

Run " Colleague Demo 04272005. SPS

chg First Day of Session - One Tenth Day ②  
 SEP01 → SEP13 ④  
 055F → 055T ③⑤  
 FDS → OTD ①

transf 6  
ands 8

Cross-check " Demo to Official Enrollment comparison, SPS"

End of Session → One Tenth Day ①  
 054E → 055T ④

262674

\*\*Fall 2005 One Tenth Day.

\*\*\*Colleague DEMO 2004.SPS, January 20, 2004

\*\*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\Fall 2005\Raw Data\STUDENTSEP1305.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\Fall 2005\Demo 055T.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\Fall 2005\Raw Data'+  
'\fpalst Fall 2005 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\Fall 2005\Foreign Person 055T.sav'  
/COMPRESSED.

\* Add fpalst (Corrected Alien Status).

GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055T.sav'.

MATCH FILES /FILE=\*  
/TABLE='I:\Research Data\Student Information System\Fall 2005\Foreign Person 055T.sav'  
/BY id.  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Demo 055T.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\Fall 2005\Demo 055T.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\Fall 2005\Raw Data'+
'COLLEGESEP1305.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\Fall 2005\Transfer055T.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Transfer055T.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Transfer055T.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Fall 2005\Transfer055T.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\Fall 2005\Demo 055T.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\Fall 2005\Raw Data'+  
'\DEGRESSEP1305.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\Fall 2005\Previous OCC Degrees 055T.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Previous OCC Degrees 055T.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Previous OCC Degrees 055T.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055T.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Fall 2005\Previous OCC Degrees 055T.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\Fall 2005\Demo 055T.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\Fall 2005\Raw Data'+  
'\HEADCOUNTSEP1305.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' & strt NE '08/15/05').

\*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.

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\Fall 2005\course activity 055T.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\Fall 2005\course activity 055T.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 .
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\course activity 055T.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055T.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Fall 2005\course activity 055T.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\Fall 2005\Demo 055T.sav'  
/COMPRESSED.

SAVE OUTFILE='I:\Research Data\Student Information System\One Tenth Day\Demo 055T.sav'  
/COMPRESSED.

\*Demo to Official Enrollment comparison.

\*Open appropriate Demo file.

GET

FILE='I:\Research Data\Student Information System\One Tenth Day\Demo 055T.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 055T comparison.sav'

/COMPRESSED.

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

AGGREGATE

/OUTFILE='H:\DEMO file instructions\Demo 055T 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 055T SCH HC Aggregate.sav'.

Demo 055T 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	2005/FA	60061.00	34134.00	52965.00	36339.00	17004.00	.00

Demo 055T SCH HC Aggregate.sav

	multi_sum	credits_sum	HCah_sum	HChI_sum	HCor_sum	HCro_sum	HCsf_sum	HCdw_sum
1	.00	.00	.00	.00	.00	.00	.00	.00
2	5338.00	200503.00	8269.00	4840.00	7855.00	6288.00	3083.00	.00

	status_sum
1	.00
2	24287.00

DEMO OSSE FALL 05 EDS → DEC 2005

KIR1 - FROM SNAPSHOT → COURSE.JAN0306.DAT

KIR2 - → HEADCOUNT.JAN0306.DAT

KIR3 - STUDENT → STUDENT.JAN0306.DAT

COLLEGE → COLLEGE.JAN0306.DAT

DEGREES → DEGREES.JAN0306.DAT

SPOPS → SPOPS.JAN0306.DAT

TESTS → TESTS.JAN0306.DAT

Colleague

Queries: "IR STUDENTS by term.wis" → IRSTUD05WI

chg term and file info

"Save Foreign Person Alien Status.wis"

chg - get list

- PC output file info

creates → fpalst fall 2005 EDS.txt

Run: "Colleague Demo 01242006.sps"

Winter 2006 → Fall 2005 (3)

JAN 2006 → JAN0306 (4)

One Tenth Day → End of Session (2)

OTD → EDS (1)

061T → OSSE (25)

transfer: 6

awards: 8

2✓

Demo to Official Enrollment comparison.sps

chg First Day of Session → End of Session (1)

DEMO 061F → DEMO OSSE (4)

\*\*Fall 2005 End 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 '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\Fall 2005\Raw Data\STUDENTJAN0306.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
```

*2711.9 Students*  
*2722 - 0 credits reg per Colleague*  
*MISSING data*

*27334*

*file was truncated during import.*

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\Fall 2005\Demo 055E.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\Fall 2005\Raw Data'+

\fpalst Fall 2005 EOS.txt' ←

/DELCASE = LINE

/DELIMITERS = ", "

/QUALIFIER = ""

/ARRANGEMENT = DELIMITED

/FIRSTCASE = 2

/IMPORTCASE = ALL

/VARIABLES =

id A10

fpalst A2 .

*From*  
2605 students  
1 - Blank  
253 - N  
2357 - Y  
-----  
*after merge*  
24535 - Blank  
251 - N  
2333 - Y  
-----  
27119 - students

VARIABLE LABELS

id 'Student ID'

fpalst 'Corrected Alien Status'.

CACHE.

EXECUTE.

SORT CASES BY

id (A) .

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Foreign Person 055E.sav'  
/COMPRESSED.

\* Add fpalst (Corrected Alien Status).

GET

FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055E.sav'.

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\Fall 2005\Foreign Person 055E.sav'

/BY id.

EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Demo 055E.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\Fall 2005\Demo 055E.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\Fall 2005\Raw Data'+
'\COLLEGEJAN0306.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\Fall 2005\Transfer055E.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Transfer055E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2005\Transfer055E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2005\Demo 055E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Fall 2005\Transfer055E.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\Fall 2005\Demo 055E.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\Fall 2005\Raw Data'+  
'\DEGREESJAN0306.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 ~=

# Cases to Variables: Demo 055E

## Generated Variables

Original Variable	Result	
	Name	Label
Transfer College	1	tcoll.1: Transfer College
	2	tcoll.2: Transfer College
	3	tcoll.3: Transfer College
	4	tcoll.4: Transfer College
	5	tcoll.5: Transfer College
	6	tcoll.6: Transfer College
Credits from Transfer College	1	tcred.1: Credits from Transfer College
	2	tcred.2: Credits from Transfer College
	3	tcred.3: Credits from Transfer College
	4	tcred.4: Credits from Transfer College
	5	tcred.5: Credits from Transfer College
	6	tcred.6: Credits from Transfer College

### Processing Statistics

Cases In	1520
Cases Out	1175
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
	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	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
	5	occdeg.5	occdeg.5: Previous OCC Degree program
	6	occdeg.6	occdeg.6: Previous OCC Degree program
	7	occdeg.7	occdeg.7: Previous OCC Degree program
	8	occdeg.8	occdeg.8: Previous OCC Degree program

### Processing Statistics

Cases In	1338
Cases Out	1201
Cases In/Cases Out	1.1
Variables In	10
Variables Out	31
Index Values	8

	term	credah_sum	credhl_sum	credor_sum	credro_sum	credsf_sum	creddw_sum
1		.00	.00	.00	.00	.00	.00
2	2005/FA	51430.00	30450.00	45823.00	31262.00	14794.50	8.00

	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	4388.00	173767.50	7571.00	4464.00	7111.00	5701.00	2757.00	2.00

	status_sum
1	.00
2	22705.00

	Name	Type	Width	Dec	Label	Value	Missing	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,	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,	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	Decimals	Label	Value Labels	Missing	Column	Align	Measure
27	rescode	String	4	0	Residency Code	{INID	Non	4	Left	Nominal
28	citizen	String	1	0	U.S. Citizenship	None	Non	1	Left	Nominal
29	address	String	26	0	Address	None	Non	2	Left	Nominal
30	address2	String	26	0	Address Line 2	None	Non	2	Left	Nominal
31	city	String	20	0	City	None	Non	2	Left	Nominal
32	state	String	2	0	State	None	Non	2	Left	Nominal
33	zip	String	10	0	Zip Code	None	Non	1	Left	Nominal
34	hscnty	Numeric	7	0	High School County	None	Non	8	Right	Scale
35	hscode	Numeric	6	0	High School Code	None	Non	8	Right	Scale
36	hsname	String	27	0	High School Name	None	Non	2	Left	Nominal
37	hscity	String	20	0	High School City	None	Non	2	Left	Nominal
38	hsstate	String	2	0	High School State	None	Non	2	Left	Nominal
39	hsgradmo	Numeric	2	0	High School Graduation Month	None	Non	8	Right	Nominal
40	hsgradyr	Numeric	2	0	High School Graduation Year	None	Non	8	Right	Scale
41	ged	String	1	0	GED	None	Non	1	Left	Nominal
42	appmo	Numeric	2	0	OCC Application Month	None	Non	8	Right	Nominal
43	appday	Numeric	2	0	OCC Application Day	None	Non	8	Right	Scale
44	appyr	Numeric	2	0	OCC Application Year	None	Non	8	Right	Nominal
45	appsess	String	7	0	Intended Starting Session	None	Non	7	Left	Nominal
46	admst	String	2	0	Admission Status	{NC,	Non	2	Left	Nominal
47	intent	String	5	0	Educational Goal	{TA,	Non	5	Left	Nominal
48	regcred	Numeric	5	2	Colleague Recorded Credits Registered this term	None	Non	8	Right	Scale
49	credatt	Numeric	5	2	Credits Attempted OCC Career	None	Non	8	Right	Scale
50	credearn	Numeric	5	2	Credits Earned OCC Career	None	Non	8	Right	Scale
51	gpacreds	Numeric	5	2	Credits Calculated in GPA	None	Non	8	Right	Scale
52	gpapts	Numeric	6	2	Grade Points Earned OCC Career	None	Non	8	Right	Scale

	Name	Type	Width	Decimals	Label	Value	Missing	Column	Align	Measure
53	prevsess	String	7	0	Last Session Attended	None	Non	7	Left	Nominal
54	crprog	String	14	0	Credit Program	None	Non	1	Left	Nominal
55	ncprog	String	14	0	Non-Credit Program	None	Non	1	Left	Nominal
56	prevdeg	Numeric	1	0	Highest Degree Obtained	{1, D	Non	8	Right	Nominal
57	fpalst	String	2	0	Corrected Alien Status	None	Non	2	Left	Nominal
58	reprace	String	8	0	Reported Race/Ethnicity	{AF,	Non	1	Left	Nominal
59	tcoll.1	String	35	0	tcoll.1: Transfer College	None	Non	3	Left	Nominal
60	tcred.1	Numeric	8	2	tcred.1: Credits from Transfer College	None	Non	1	Right	Scale
61	tcoll.2	String	35	0	tcoll.2: Transfer College	None	Non	3	Left	Nominal
62	tcred.2	Numeric	8	2	tcred.2: Credits from Transfer College	None	Non	1	Right	Scale
63	tcoll.3	String	35	0	tcoll.3: Transfer College	None	Non	3	Left	Nominal
64	tcred.3	Numeric	8	2	tcred.3: Credits from Transfer College	None	Non	1	Right	Scale
65	tcoll.4	String	35	0	tcoll.4: Transfer College	None	Non	3	Left	Nominal
66	tcred.4	Numeric	8	2	tcred.4: Credits from Transfer College	None	Non	1	Right	Scale
67	tcoll.5	String	35	0	tcoll.5: Transfer College	None	Non	3	Left	Nominal
68	tcred.5	Numeric	8	2	tcred.5: Credits from Transfer College	None	Non	1	Right	Scale
69	tcoll.6	String	35	0	tcoll.6: Transfer College	None	Non	3	Left	Nominal
70	tcred.6	Numeric	8	2	tcred.6: Credits from Transfer College	None	Non	1	Right	Scale
71	awdmo.1	String	2	0	awdmo.1: Previous OCC Degree Month	None	Non	2	Left	Nominal
72	awdyr.1	String	2	0	awdyr.1: Previous OCC Degree Year	None	Non	2	Left	Nominal
73	occdeg.1	String	12	0	occdeg.1: Previous OCC Degree program	None	Non	1	Left	Nominal
74	awdmo.2	String	2	0	awdmo.2: Previous OCC Degree Month	None	Non	2	Left	Nominal
75	awdyr.2	String	2	0	awdyr.2: Previous OCC Degree Year	None	Non	2	Left	Nominal
76	occdeg.2	String	12	0	occdeg.2: Previous OCC Degree program	None	Non	1	Left	Nominal
77	awdmo.3	String	2	0	awdmo.3: Previous OCC Degree Month	None	Non	2	Left	Nominal
78	awdyr.3	String	2	0	awdyr.3: Previous OCC Degree Year	None	Non	2	Left	Nominal

*tcoll=6*

*awds = 8*



	Name	Type	Width	Decimals	Label	Value Labels	Missing	Columns	Align	Measure
79	occdeg.3	String	12	0	occdeg.3: Previous OCC Degree program	None	Non	1	Left	Nominal
80	awdmo.4	String	2	0	awdmo.4: Previous OCC Degree Month	None	Non	2	Left	Nominal
81	awdyr.4	String	2	0	awdyr.4: Previous OCC Degree Year	None	Non	2	Left	Nominal
82	occdeg.4	String	12	0	occdeg.4: Previous OCC Degree program	None	Non	1	Left	Nominal
83	awdmo.5	String	2	0	awdmo.5: Previous OCC Degree Month	None	Non	2	Left	Nominal
84	awdyr.5	String	2	0	awdyr.5: Previous OCC Degree Year	None	Non	2	Left	Nominal
85	occdeg.5	String	12	0	occdeg.5: Previous OCC Degree program	None	Non	1	Left	Nominal
86	awdmo.6	String	2	0	awdmo.6: Previous OCC Degree Month	None	Non	2	Left	Nominal
87	awdyr.6	String	2	0	awdyr.6: Previous OCC Degree Year	None	Non	2	Left	Nominal
88	occdeg.6	String	12	0	occdeg.6: Previous OCC Degree program	None	Non	1	Left	Nominal
89	awdmo.7	String	2	0	awdmo.7: Previous OCC Degree Month	None	Non	2	Left	Nominal
90	awdyr.7	String	2	0	awdyr.7: Previous OCC Degree Year	None	Non	2	Left	Nominal
91	occdeg.7	String	12	0	occdeg.7: Previous OCC Degree program	None	Non	1	Left	Nominal
92	awdmo.8	String	2	0	awdmo.8: Previous OCC Degree Month	None	Non	2	Left	Nominal
93	awdyr.8	String	2	0	awdyr.8: Previous OCC Degree Year	None	Non	2	Left	Nominal
94	occdeg.8	String	12	0	occdeg.8: Previous OCC Degree program	None	Non	1	Left	Nominal
95	run	String	10	0	Extract Date	None	Non	1	Left	Nominal
96	term	String	7	0	Session	None	Non	7	Left	Nominal
97	credits	Numeric	8	2	Credits Registered This Term	None	Non	1	Right	Scale
98	campah	Numeric	8	0	Courses Taken at Auburn Hills	None	Non	1	Right	Scale
99	camphl	Numeric	8	0	Courses Taken at Highland Lakes	None	Non	1	Right	Scale
100	campor	Numeric	8	0	Courses Taken at Orchard Ridge	None	Non	1	Right	Scale
101	campro	Numeric	8	0	Courses Taken at Royal Oak	None	Non	1	Right	Scale
102	campsf	Numeric	8	0	Courses Taken at Southfield	None	Non	1	Right	Scale
103	campdw	Numeric	8	0	Courses Taken District Wide <i>(one word on later)</i>	None	Non	1	Right	Scale
104	credah	Numeric	8	2	Credits Registered at Auburn Hills	None	Non	1	Right	Scale

	Name	Type	Width	Decimals	Label	Value Labels	Missing	Columns	Align	Measure
105	credhl	Numeric	8	2	Credits Registered <sup>not on Master</sup> at Highland Lakes		None	1	Right	Scale
106	credor	Numeric	8	2	Credits Registered at Orchard Ridge		None	1	Right	Scale
107	credro	Numeric	8	2	Credits Registered at Royal Oak		None	1	Right	Scale
108	credsf	Numeric	8	2	Credits Registered at Southfield		None	1	Right	Scale
109	credwdw	Numeric	8	2	Credits Registered District Wide <sup>(one word - Master)</sup>		None	1	Right	Scale
110	status	Numeric	8	2	Student Status in Term		None	1	Right	Scale
111	multi	Numeric	8	2	Attends multiple campuses		None	1	Right	Scale
112	ftiac	String	2	0	Calculated FTIAC		None	7	Left	Nominal

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 2005\Demo 052E.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 I 2005 Raw Data'+  
'\fpalst Summer\I 2005 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\SUMMER 2005\Foreign Person 052E.sav'  
/COMPRESSED.
```

\* Add fpalst (Corrected Alien Status).

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2005\Demo 052E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\SUMMER 2005\Foreign Person 052E.sav'  
/BY id.  
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2005\Demo 052E.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\SUMMER 2005\Demo 052E.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 I 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\Transfer052E.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2005\Transfer052E.sav'.
```

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

*6 transfers*

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2005\Transfer052E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2005\Demo 052E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\SUMMER 2005\Transfer052E.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 052E.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 I 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 .
```

*4 awards*

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2005\Previous OCC Degrees  
052E.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2005\Previous OCC Degrees 052E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2005\Previous OCC Degrees  
052E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\SUMMER 2005\Demo 052E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\SUMMER 2005\Previous OCC Degrees 052E.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 052E.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 I 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 (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'). + 8/15/05

\*EXECUTE.

\*For Summer II only.

FILTER OFF.

USE ALL.

SELECT IF (strt NE '05/09/05' & strt NE '05/10/05' & strt NE '05/11/05' & strt NE '05/12/05'

& strt NE '05/13/05' & strt NE '05/14/05' & strt NE '05/16/05'

& strt NE '05/17/05' & strt NE '06/04/05' & strt NE '06/08/05'

& strt NE '06/14/05' & strt NE '06/16/05' & strt NE '06/20/05' & strt NE '06/21/05' & strt NE '06/23/05' & strt  
NE '06/27/05' ). +

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')

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\SUMMER 2005\course activity 052E.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) /credfs 'Credits Registered at Southfield' = SUM(credfs) /creddw 'Credits Registered District Wide' =  
SUM(creddw).
```

GET

```
FILE='I:\Research Data\Student Information System\SUMMER 2005\course activity 052E.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 .
```

SORT CASES BY

```
id (A).
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\SUMMER 2005\course activity 052E.sav'  
/COMPRESSED.
```

\*Merge course activity into demo file.

GET

```
FILE='I:\Research Data\Student Information System\SUMMER 2005\Demo 052E.sav'.
```

MATCH FILES /FILE=\*

```
/TABLE='I:\Research Data\Student Information System\SUMMER 2005\course activity 052E.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 052E.sav'  
/COMPRESSED.



\*\*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

AN0405.

SET DATA /TYPE = TXT

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

STUDENTJUL0605.DAT'

'DELCASE = LINE

'DELIMITERS = ", "

'QUALIFIER = ""

'ARRANGEMENT = DELIMITED

'FIRSTCASE = 2

'IMPORTCASE = ALL

VARIABLES =

d A10

ssn A11

name A26

iname A16

nname A10

romcmp A2

rvcmp A2

imrlname A26

imrfname A16

imrmname A15

escnty A6

esstt A2

escntry A5

alien A1

rimlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

orthmo F2.0

orthda F2.0

orthyr F2.0

ierpa A1

veteran A2

vetben A3

escode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

*This doesn't take into account  
15 weeks. since there is no grade*

hscnty F7.0  
hscode F7.0  
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 ~=**

```
' & 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 052E.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 I 2005 Raw Data'+
'fpalst summerI 2005 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\Summer 2005\Foreign Person 052E.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Summer 2005\Demo 052E.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Summer 2005\Foreign Person 052E.sav'
/BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Demo 052E.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\Summer 2005\Demo 052E.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 I 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\Transfer052E.sav'  
/DROP=cred /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Summer 2005\Transfer052E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Transfer052E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Summer 2005\Demo 052E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Summer 2005\Transfer052E.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 052E.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 I 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  
052E.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Summer 2005\Previous OCC Degrees 052E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Summer 2005\Previous OCC Degrees  
052E.sav'.
```

```
GET  
FILE='I:\Research Data\Student Information System\Summer 2005\Demo 052E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Summer 2005\Previous OCC Degrees 052E.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 052E.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 I 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 .
```

← no grade if 15 wk

```
FILTER OFF.
```

```
USE ALL.
```

```
SELECT IF(grde > -1).
```

```
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\Summer 2005\course activity 052E.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 2005\course activity 052E.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 & campsfsf > 0) OR
(campah > 0 & campdw > 0) OR
(camphl > 0 & campor > 0) OR
(camphl > 0 & campro > 0) OR
(camphl > 0 & campsfsf > 0) OR
(camphl > 0 & campdw > 0) OR
(campor > 0 & campro > 0) OR
(campor > 0 & campsfsf > 0) OR
(campor > 0 & campdw > 0) OR
(campro > 0 & campsfsf > 0) OR
(campro > 0 & campdw > 0) OR
(campsfsf > 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 052E.sav'
/COMPRESSED.
```

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

```
GET
FILE='I:\Research Data\Student Information System\Summer 2005\Demo 052E.sav'.
```

```
MATCH FILES /FILE=*
/TABLE='I:\Research Data\Student Information System\Summer 2005\course activity 052E.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 052E.sav'  
/COMPRESSED.

## File Information:

The extract for this file does not contain the variables "section" or "regstat".

I:\Research Data\Student Information System\Raw Data files\WIP\Summer I FDS 2005 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
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
acs	7	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	8	Course Start Date	Nominal	8	Left	A8	A8
end	9	Course End Date	Nominal	8	Left	A8	A8
type	10	Course Type	Nominal	3	Left	A3	A3
cred	11	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	12	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	13	Student ID Number	Nominal	10	Left	A10	A10
homcmp	14	Student Home Campus	Nominal	2	Left	A2	A2
lname	15	Student Last Name	Nominal	26	Left	A26	A26
fname	16	Student First Name	Nominal	16	Left	A16	A16
mname	17	Student Middle Name	Nominal	15	Left	A15	A15
grde	18	Student Course Grade	Nominal	8	Right	F2.1	F2.1
stat	19	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

# Frequencies

H:\Course Registration Working Area\Course Registration Reviews\FDS\Summer I FDS 2005  
 HEADCOUNTMay0905 Unduplicated.SAV

## Statistics

		Attends Auburn Hills Campus	Attends Highland Lakes Campus	Attends Orchard Ridge Campus	Attends Royal Oak Campus	Attends Southfield Campus
N	Valid	14105	14105	14105	14105	14105
	Missing	0	0	0	0	0

## Statistics

		Attends Districtwide Campus	Attends multiple campuses
N	Valid	14105	1865
	Missing	0	12240

# Frequency Table

## Attends Auburn Hills Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9926	70.4	70.4	70.4
	1.00	4179	29.6	29.6	100.0
Total		14105	100.0	100.0	

*002*

*456*

## Attends Highland Lakes Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	11500	81.5	81.5	81.5
	1.00	2605	18.5	18.5	100.0
Total		14105	100.0	100.0	

## Attends Orchard Ridge Campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	10172	72.1	72.1	72.1
	1.00	3933	27.9	27.9	100.0
Total		14105	100.0	100.0	



**Attends Royal Oak Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	10379	73.6	73.6	73.6
	1.00	3726	26.4	26.4	100.0
Total		14105	100.0	100.0	

3708

**Attends Southfield Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	12449	88.3	88.3	88.3
	1.00	1656	11.7	11.7	100.0
Total		14105	100.0	100.0	

1648

**Attends Districtwide Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	14104	100.0	100.0	100.0
	1.00	1	.0	.0	100.0
Total		14105	100.0	100.0	

**Attends multiple campuses**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	1865	13.2	100.0	100.0
Missing	System	12240	86.8		
Total		14105	100.0		

14079

DER

	loc	cred_1
1		3.00
2	AH	18912.00
3	HL	10304.50
4	OR	16695.00
5	RO	16078.00
6	SF	7307.00

✓  
18734  
10298.50  
✓  
16034.  
7289.00

	run	cred_1
1	05/09/2005	69299.50

69,058.50



\*\*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 AN0405.

*DEMO 052E*  
*Sum I 05*

SET DATA /TYPE = TXT

FILE = 'I:\Research Data\Student Information System\Winter 2005\Raw Data

STUDENTJAN0405.DAT'

DELCASE = LINE

DELIMITERS = " , "

QUALIFIER = ""

ARRANGEMENT = DELIMITED

FIRSTCASE = 2

IMPORTCASE = ALL

VARIABLES =

d A10

ssn A11

name A26

name A16

rname A10

romcmp A2

orvcmp A2

mrlname A26

mrfname A16

mrmmname A15

escnty A6

esstt A2

escntry A5

alien A1

orimlang A10

immig A4

area F3.0

phone A8

gender A1

ethnic A2

orthmo F2.0

orthda F2.0

orthyr F2.0

erpa A1

veteran A2

vetben A3

escode A4

citizen A1

address A26

address2 A26

city A20

state A2

zip A10

*Summer*

*Winter → Summer ①*

hscnty F7.0  
hscode F7.0  
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 ~=**

' & 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\Fall 2004\Demo 045E.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\Fall 2004\Raw Data'+  
'fpalst Fall 2004 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\Fall 2004\Foreign Person 045E.sav'  
/COMPRESSED.

\* Add fpalst (Corrected Alien Status).

GET  
FILE='I:\Research Data\Student Information System\Fall 2004\Demo 045E.sav'.

MATCH FILES /FILE=\*  
/TABLE='I:\Research Data\Student Information System\Fall 2004\Foreign Person 045E.sav'  
/BY id.  
EXECUTE.

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Demo 045E.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\Fall 2004\Demo 045E.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\Fall 2004\Raw Data'+
'COLLEGEJAN0405.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\Fall 2004\Transfer045E.sav'  
/DROP=cred /COMPRESSED.

GET

FILE='I:\Research Data\Student Information System\Fall 2004\Transfer045E.sav'.

SORT CASES BY id .

CASESTOVARS

/ID = id

/GROUPBY = INDEX .

SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Transfer045E.sav'.

GET

FILE='I:\Research Data\Student Information System\Fall 2004\Demo 045E.sav'.

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\Fall 2004\Transfer045E.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\Fall 2004\Demo 045E.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\Fall 2004\Raw Data'+

'DEGREESJAN0405.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\Fall 2004\Previous OCC Degrees 045E.sav'  
/DROP=major spec awd /COMPRESSED.
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2004\Previous OCC Degrees 045E.sav'.
```

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

```
SAVE OUTFILE='I:\Research Data\Student Information System\Fall 2004\Previous OCC Degrees  
045E.sav':
```

```
GET  
FILE='I:\Research Data\Student Information System\Fall 2004\Demo 045E.sav'.
```

```
MATCH FILES /FILE=*  
/TABLE='I:\Research Data\Student Information System\Fall 2004\Previous OCC Degrees 045E.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\Fall 2004\Demo 045E.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\Fall 2004\Raw Data'+  
'\HEADCOUNTJAN0405.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  
str 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'  
str '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 .
```

```
FILTER OFF.
USE ALL.
SELECT IF(grde > -1).
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\Fall 2004\course activity 045E.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) /credwdw 'Credits Registered District
Wide' =
  SUM(credwdw).
```

```
GET
  FILE='I:\Research Data\Student Information System\Fall 2004\course activity 045E.sav'.
```

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

\*IF ((campah + camphl + campor + campro + campsfs + 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 & 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\Fall 2004\course activity 045E.sav'  
/COMPRESSED.

\*Merge course activity into demo file.

GET

FILE='I:\Research Data\Student Information System\Fall 2004\Demo 045E.sav'.

MATCH FILES /FILE=\*

/TABLE='I:\Research Data\Student Information System\Fall 2004\course activity 045E.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 045E.sav'  
/COMPRESSED.
```

# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Summer I 2005 EOS.sav

*Files moved 4/30/08*

## 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	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
sectotdmo	30	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	31	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	32	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	33	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	34	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	35	College wide One Tenth Day Year	Nominal	4	Left	A4	A4

*on M.C.*  
*ok*  
*not on M.C.*

Variables in the working file

*not on M.C.*

*4-30-08 - ap*

# File Information

[DataSet3] I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Summer I 2005 OTD.sav

## Variable Information

FILE MOVED Amy 4/28/08

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	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
sectotdmo	30	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	31	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	32	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occotdmo	33	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occotdda	34	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occotdyr	35	College wide One Tenth Day Year	Nominal	4	Left	A4	A4

on  
M.C.  
OK  
res  
M.C.  
OK  
not  
on  
M.C.

Variables in the working file

✓ 4-28-08 - ap



# File Information

I:\Research Data\Student Information System\Raw Data files\WIP\Course Summary Summer I 2005 FDS.sav

FILE MOVED  
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	10	Left	A10	A10
end	11	End Date	Nominal	10	Left	A10	A10
cred	12	Credits	Nominal <del>SCALE</del>	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
res	20	Residency Code 1	Nominal	4	Left	A4	A4
r1no	21	Students in Residency Code 1	Scale	8	Right	F2.1	F2.1
res2	22	Residency Code 2	Nominal	4	Left	A4	A4
r2no	23	Students in Residency Code 2	Scale	8	Right	F2.1	F2.1
res3	24	Residency Code 3	Nominal	4	Left	A4	A4
r3no	25	Students in Residency Code 3	Scale	8	Right	F2.1	F2.1
res4	26	Residency Code 4	Nominal	4	Left	A4	A4
r4no	27	Students in Residency Code 4	Scale	8	Right	F2.1	F2.1
res5	28	Residency Code 5	Nominal	4	Left	A4	A4
r5no	29	Students in Residency Code 5	Scale	8	Right	F2.1	F2.1
sectotdmo	30	Section One Tenth Day Month	Nominal	2	Left	A2	A2
sectotdda	31	Section One Tenth Day Date	Nominal	2	Left	A2	A2
sectotdyr	32	Section One Tenth Day Year	Nominal	4	Left	A4	A4
occtdmo	33	College wide One Tenth Day Month	Nominal	2	Left	A2	A2
occtdda	34	College wide One Tenth Day Date	Nominal	2	Left	A2	A2
occtdyr	35	College wide One Tenth Day Year	Nominal	4	Left	A4	A4

new r. n.pand ok

on M.C.

Variables in the working file

(no <sup>occ</sup> OTD dates) ok  
on M.C.

✓ 5/5/08 - op



## File Information:

This extract did not include the "Section" variable.

[DataSet13] I:\Research Data\Student Information System\Raw Data files\WIP\Summer I OTD 2005 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
loc	5	Course Location	Nominal	2	Left	A2	A2
syn	6	Course Synonym	Nominal	10	Left	A10	A10
acs	7	Course Activity Classification Structure Code	Nominal	8	Right	F4.2	F4.2
strt	8	Course Start Date	Nominal	8	Left	A8	A8
end	9	Course End Date	Nominal	8	Left	A8	A8
type	10	Course Type	Nominal	3	Left	A3	A3
cred	11	Course Credit Hours	Scale	8	Right	F4.2	F4.2
cont	12	Course Contact Hours	Scale	8	Right	F5.2	F5.2
id	13	Student ID Number	Nominal	10	Left	A10	A10
homcmp	14	Student Home Campus	Nominal	2	Left	A2	A2
lname	15	Student Last Name	Nominal	26	Left	A26	A26
fname	16	Student First Name	Nominal	16	Left	A16	A16
mname	17	Student Middle Name	Nominal	15	Left	A15	A15
grde	18	Student Course Grade	Nominal	8	Right	F2.1	F2.1
regstat	19	Registration Status	Nominal	1	Left	A1	A1
stat	20	Student Status in Course	Nominal	1	Left	A1	A1

Variables in the working file

## Frequencies

H:\Course Registration Working Area\Course Registration Reviews\Summer I OTD 2005 HEADCOUNTMay2005 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	13800	13800	13800	13800	13800	13800	1598
Missing	0	0	0	0	0	0	12202

## Frequency Table

### Attends Auburn Hills Campus

*OER*

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	9784	70.9	70.9	70.9
1.00	<i>3981</i> 4016	29.1	29.1	100.0
Total	13800	100.0	100.0	

### Attends Highland Lakes Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	11320	82.0	82.0	82.0
1.00	2480 ✓	18.0	18.0	100.0
Total	13800	100.0	100.0	

### Attends Orchard Ridge Campus

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	9969	72.2	72.2	72.2
1.00	3831 ✓	27.8	27.8	100.0
Total	13800	100.0	100.0	

*Doesn't match OER  
which contains  
08/01/05 data*

**Attends Royal Oak Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	10176	73.7	73.7	73.7
	1.00	<i>360</i> 3624	26.3	26.3	100.0
Total		13800	100.0	100.0	

**Attends Southfield Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	12248	88.8	88.8	88.8
	1.00	<i>1570</i> 1552	11.2	11.2	100.0
Total		13800	100.0	100.0	

**Attends Districtwide Campus**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	13799	100.0	100.0	100.0
	1.00	<i>1</i> ✓	.0	.0	100.0
Total		13800	100.0	100.0	

**Attends multiple campuses**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	<i>1586</i> 1598	11.6	100.0	100.0
Missing	System	12202	88.4		
Total		<i>13773</i> 13800	100.0		

	loc	cred_1
1	DO	3.00
2	AH	17876.00
3	HL	9606.50
4	OR	15929.00
5	RO	15261.00
6	SF	6807.00

OER

17641.

15210

6919

	run	cred_1
1	05/20/2005	65482.50

*65,308.50*