Institutional Research Report

Institutional Dashboard Measures

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OAKLAND COMMUNITY COLLEGE

#14 and # 61 Documentation:

Measure: Time to degree completion, Associates only, OccTech Associates only

Operational Definition: **** This is the new (correct) definition. ***

Correct definition: Among all graduates who received an Associates degree, the total number of years it took them to earn their degree. Formula = date of graduation "-" date of first enrollment, divided by 12. Exclude graduates who previously received an OCC degree (extended associates degree, associates degree, certificate and/or certificate of achievement). Similar to ID #61.

Summary of Stats Associates:

	Number of Graduates	Number of Graduates with an Associates degree and no previous OCC degree	Mean Number of Years from OCC Undergrad Start Date to Graduation	Answer: Percent change from previous year
2005 - 2006	1831	1782	6.37	
2004 - 2005	1,838	1,675		
2003 - 2004	1,886	1,676	6.47	-1.82
2002 –2003	1,827	1,577	6.59	
2001 - 2002				
2000 - 2001				

Summary of Stats Occupational Technical Associates:

	Number of Graduates	Number of Graduates with an Associates degree and no previous OCC degree	Mean Number of Years from OCC Undergrad Start Date to Graduation	Answer: Percent change from previous year
2005 - 2006			6.38	
2004 - 2005			6.04	
2003 - 2004	1,886	856	6.65	4.72
2002 –2003	1,827	796	6.35	
2001 - 2002				
2000 - 2001				

Process:

- Obtain graduate information from Colleague.
- As of October 2006: Queries can be found in I:\Institutional Effectiveness\Institutional Dashboard by Measure\#14 (time to degree completion).
  - Run Colleague query 'Save graduates for Demo Info (1).wis' to obtain graduates for current academic year. Make adjustments to the "Items" field correcting the date range and the SAVE LIST name. This will create a ~~save list~~ SAVE LIST for the next query.
    "IR GRAD SAY____"

- Run Colleague query 'Extract grads ACADL id save list.wis' to add ACAD level. Make adjustments to the GET and SAVE list names.
- Run Colleague query 'Extract grads ACADL start.wis' to obtain all academic level start dates. Make adjustments to file path. Send the file to your H: drive with short file path name such as "H:\Dashboard\Time to degree". Dashboard file paths are too long for Colleague. Move file manually or with syntax to measure folder.
- Run SPSS syntax 'Undergraduate start file syntax'. This will open the file created by the last query, select only the acadlvl of "UG" or Undergraduate, then save the file. This will ensure a unique start date per graduate.
- Run Colleague query 'Extract grads by acad cred.wis'. Make adjustments to dates in 'ITEMS' and path in 'PC/Process' saving file to personal H: drive.
- Run SPSS syntax 'AY0506 grads with programs syntax.SPS'. This will open data file created from previous query, add degree level, and identify occupational programs; since this measure only considers occupational associate degrees. It will merge in previous degrees since this measure is for first degrees only. It calculates the time to degree for all first awards students, then aggregates for all first award students and first award occupational students.

See Yellow Sheet.

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2000 - 2001				

Process:

- Obtain graduate information from Colleague. 05
- As of August, 2004, the correct query in the Time to Degree file is 'Extract graduates.wis'. This must be run by term, or program end month. Select those with end dates 'like' '08 … first year of academic year', '12 … first year of academic year', '04 … first year of academic year', '05 … first year of academic year', and '06 … first year of academic year.' 06 05 06
- Run 'Extract graduates ~~save list.wis~~ & Demo Info to obtain information from the next file.
- Run 'Extract graduates ACADL id.wis' to gather information regarding OCC start date.
- Run 'Extract graduates ACADL start.wis' to obtain all academic level start dates.

- Preparing Data: part of query #1
  - Make sure that variable 'status' = 'G' (delete others that are not 'G') because each student program might contain more than one status.
    - This makes sure that all data is considered only for those with graduated status.
  - It is helpful to make an initial file for each ending month. Select with status 'G', set up a graduation date to reflect the end of the term rather than individual program end dates. Restructure

the file transposing variables to cases based on id to enable a merge with the Academic Level start file.

- Within the Academic Level start file, make sure that the Academic level is 'UG' or Undergraduate. This will ensure a unique start date per graduate. Merge this with the unduplicated graduates file.
- At some point information identifying degree level and occupational technical programs must be included.
- Syntax is available computing 'time to degree' and 'years to degree'.

- Syntax is set up to aggregate the files to obtain the mean or average number of years..

created from query.

Expect 1934 grads
with 2026
total awds

Dashboard Measure 14

0506 Graduates

Run in Datatel

Queries: "Save graduates ~~for~~ Demo Info (1). wis"

#1 make date adjustments to "Items" and
After: Save list
(IDS graduates)

- Extract grads ACADL id save list. wis

#2 make adjustments to Before and After
file names (addo ACAD Level

- Extract grads ACADL start. wis

#3 make adjustments to Before and
Output to (path may be too long
(adds start date + term) so saved to H:)

* move file - SPSS syntax
Undergraduate start file. SPS
Change term/acad yr.

- Run "Extract grads by acad cred. wis"
adjust dates in Items
adjust path in PC/Process
again save to H and move

AY 0506 grads with programs syntax. SPS

aggregate mean time to degree - SPS
from A40405

```
USE ALL.
COMPUTE filter_$=(MISSING(degrees) & degree = 'X' ).
VARIABLE LABEL filter_$ "MISSING(degrees) & degree = 'X'  (FILTER)".
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

AGGREGATE
  /OUTFILE='I:\Institutional Effectiveness\Current (2003 & forward) Institutional
Effectiveness\EB Measures\Time to'+
 ' Degree\Academic Year 0405\Years to grad assoc.sav'
  /BREAK=degree
  /yrstograd = MEAN(TIME).

FILTER OFF.
USE ALL.
EXECUTE .

USE ALL.
COMPUTE filter_$=(degree = 'X' & occtech = 'X').
VARIABLE LABEL filter_$ "degree = 'X' & occtech = 'X' (FILTER)".
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

AGGREGATE
  /OUTFILE='I:\Institutional Effectiveness\Current (2003 & forward) Institutional
Effectiveness\EB Measures\Time to'+
 ' Degree\Academic Year 0405\Years to grad occtec assoc.sav'
  /BREAK=degree
  /yrstograd = MEAN(TIME).


AGGREGATE
  /OUTFILE='I:\Institutional Effectiveness\Current (2003 & forward) Institutional
Effectiveness\EB Measures\Time to'+
 ' Degree\Academic Year 0405\All Associates mean and median time to
degree.sav'
  /BREAK=degree
```

/TIME_mean_1 = MEAN(TIME) /TIME_median = MEDIAN(TIME).

Compute years to grad.SPS
from "Time to Degree"

```
COMPUTE timetograd = graddate.1 - acadstrt .
VARIABLE LABELS timetograd 'Time to graduation from start' .
EXECUTE .

COMPUTE yrstograd = timetograd / 31556925.99.
VARIABLE LABELS yrstograd 'Years to Graduation from start date' .
EXECUTE .

STRING assoc (A8).
IF (degree = 'X' & prevdeg = ' ') assoc = 'X'.
VARIABLE LABELS assoc 'Associate with no previous degree' .
EXECUTE .

STRING occtec (A8).
IF (degree = 'X' & prevdeg = ' ' & occtech = 'X') occtec = 'X'.
VARIABLE LABELS occtec 'Occ Tech Associate with no Previous Degree' .
EXECUTE .


USE ALL.
COMPUTE filter_$=(assoc = 'X').
VARIABLE LABEL filter_$ "assoc = 'X' (FILTER)".
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

AGGREGATE
  /OUTFILE='I:\Institutional Effectiveness\Current (2003 & forward) Institutional
Effectiveness\EB Measures\Time to'+
 ' Degree\Academic Year 0203\Years to grad assoc.sav'
  /BREAK=assoc
  /yrstograd = MEAN(yrstograd).

FILTER OFF.
USE ALL.
EXECUTE .

USE ALL.
COMPUTE filter_$=(occtec = 'X').
VARIABLE LABEL filter_$ "occtec = 'X' (FILTER)".
```

```
*Previous degree syntax.
*Run "Acad Cred Key grads 0506.wis" to get 0506 grads key to acad records.
*Run "Previous OCC degree.wis" to get previous grads awards.
*Open data file.

GET DATA  /TYPE = TXT
 /FILE = 'I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506 grads
PREV'+
 ' OCC DEGREES.txt'
 /DELCASE = LINE
 /DELIMITERS = ", "
 /QUALIFIER = ""
 /ARRANGEMENT = DELIMITED
 /FIRSTCASE = 2
 /IMPORTCASE = ALL
 /VARIABLES =
 acadcrid A10
 acadprg A12
 awards A10
 degree A3
 endpd ADATE10
 institution A10
 id A10
 .
CACHE.
VARIABLE LABELS acadcrid 'Record ID' acadprg 'Acad Progam' awards 'Awards'
degree 'Degree' endpd 'Completion Date of previous degree'
  institution 'Institution ID' id 'Student ID'.
EXECUTE.

**********
*Filter out non OCC institutions.

FILTER OFF.
USE ALL.
SELECT IF(institution = '0000001').
EXECUTE .

*Sort by ID.
SORT CASES BY id .
```

ACAD

SAVE. LIST IRGRADSAY0607 ACAD

```
SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506 grads
PREV'+
 ' OCC DEGREES.sav'
 /COMPRESSED.

*Dedup by ID.

SORT CASES BY id .
CASESTOVARS
 /ID = id
 /GROUPBY = VARIABLE
 /COUNT = degrees "Number of previous degrees" .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506 grads
PREV'+
 ' OCC DEGREES dedupped.sav'
 /COMPRESSED.
```

Undergraduate start file syntax.doc

```
*Undergraduate start file syntax.
*****************************************************************
*From Colleague run query "Save graduates for Demo Info (1).wis" to get graduates for
AY.
*Run Colleague query  "Extract grads ACADL id save list.wis" to add ACAD Level.
*Run Colleague query  "Extract grads ACADL start.wis" to add start date and term then
send to PC .
*May have to save this file to H: then move to measure folder due to path length.
*Then run this syntax after making changes to directory and file names.
*****************************************************************
GET DATA  /TYPE = TXT
 /FILE = 'I:\Institutional Effectiveness\Institutional Dashboard by Measure\#14 (time to
degree completion)'+
 '\Academic Year 0506\AY0506 start.txt'
 /DELCASE = LINE
 /DELIMITERS = ", "
 /QUALIFIER = '"'
 /ARRANGEMENT = DELIMITED
 /FIRSTCASE = 2
 /IMPORTCASE = ALL
 /VARIABLES =
 progid 19X
 acadstrt ADATE8
 stterm A7
 id A10
 acadlvl A2 .
VARIABLE LABELS
  acadstrt 'Start date for academic level'
  stterm 'Start term for academic term'
  id 'student id'
  acadlvl 'Academic Level'.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(acadlvl = 'UG').
EXECUTE .

SORT CASES BY id .

CASESTOVARS
 /ID = id
 /GROUPBY = VARIABLE .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506 start.sav'
 /COMPRESSED.
```

AY0506 grads with programs syntax.doc

```
*Unduplicated graduates file syntax.
**********************
*Need award information.
*Run Colleague query "Extract grads by acad cred.wis".
*Create SPSS file.

GET DATA  /TYPE = TXT
 /FILE = 'I:\Institutional Effectiveness\Institutional Dashboard by
Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
grads with programs.txt'
 /DELCASE = LINE
 /DELIMITERS = ", "
 /QUALIFIER = '""'
 /ARRANGEMENT = DELIMITED
 /FIRSTCASE = 2
 /IMPORTCASE = ALL
 /VARIABLES =
 V1 5X
 institution A10
 program A14
 commence A8
 end A8
 id A10.
CACHE.
EXECUTE.

FILTER OFF.
USE ALL.
SELECT IF(institution = '0000001').
EXECUTE .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
grads with programs.sav'
 /COMPRESSED.

*************
*Add degree level and OCC/TECH variables by award.
*Run 'Degree Level by Program 0506 Syntax.SPS' to identify certificates
and delete.
*Run 'OCC Codes by Program 0506 Syntax.SPS' to identify OCC/TECH
programs.

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
grads with programs.sav'
```

```
 /COMPRESSED.

**********
*Filter out CT's and CA's (level 0 and 1).
FILTER OFF.
USE ALL.
SELECT IF(DegLvl = '2' | DegLvl = '3').
EXECUTE .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
degree only grads with programs.sav'
 /COMPRESSED.

**********
*Dedup by ID for multiple awards.

SORT CASES BY
  id (A) .

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

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
degree only grads with programs dedupped.sav'
 /COMPRESSED.

**********
*Merge in all variables from AY0506 start file.

GET
  FILE='I:\Institutional Effectiveness\Institutional Dashboard by
Measure\#14'+
 ' (time to degree completion)\Academic Year 0506\AY0506 degree only
grads with programs dedupped.sav'.

MATCH FILES /FILE=*
 /TABLE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
start.sav'
 /BY id.
EXECUTE.
```

```
SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
degree only grads with programs and SD dedupped.sav'
 /COMPRESSED.

******************
*Merge in Previous degrees.
*Run Previous degree syntax.
MATCH FILES /FILE=*
 /TABLE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
grads PREV OCC DEGREES dedupped.sav'
 /RENAME (acadcrid.1 acadcrid.2 acadcrid.3 acadcrid.4 acadcrid.5
acadcrid.6
  acadcrid.7 acadcrid.8 acadcrid.9 acadprg.1 acadprg.2 acadprg.3 acadprg.4
  acadprg.5 acadprg.6 acadprg.7 acadprg.8 acadprg.9 awards degree.1
degree.2
  degree.3 degree.4 degree.5 degree.6 degree.7 degree.8 degree.9 endpd.1
  endpd.2 endpd.3 endpd.4 endpd.5 endpd.6 endpd.7 endpd.8 endpd.9
institution
  = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17 d18 d19
d20
  d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36 d37)
 /BY id
 /DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11 d12 d13 d14 d15 d16 d17
d18 d19
  d20 d21 d22 d23 d24 d25 d26 d27 d28 d29 d30 d31 d32 d33 d34 d35 d36
d37.
EXECUTE.

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
degree only grads with programs and SDand PD dedupped.sav'
 /COMPRESSED.

RECODE
  degrees  (SYSMIS=0)  .
EXECUTE .

FILTER OFF.
USE ALL.
SELECT IF(degrees < 1).
EXECUTE .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
```

```
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
degree only grads with programs and SD without PD dedupped.sav'
 /COMPRESSED.

*****************************************
*Determine number of years to graduate.

COMPUTE timetograd = end.1 - acadstrt .
VARIABLE LABELS timetograd 'Time to graduation from start' .
EXECUTE .

COMPUTE yrstograd = timetograd / 31556925.99.
VARIABLE LABELS yrstograd 'Years to Graduation from start date' .
EXECUTE .
************************
*Create break variables for aggregate.

STRING assoc (A1).
COMPUTE assoc = 'X' .
VARIABLE LABELS assoc 'Associate with no Previous Degree' .
EXECUTE .

STRING occtech (A1).
IF (OCC.1 = 'O' | OCC.1 = 'S') occtech = 'X' .
VARIABLE LABELS occtech 'Occ Tech Associate with no Previous Degree'
.
EXECUTE .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
degree only grads with programs and SD without PD dedupped.sav'
 /COMPRESSED.

***************************
*Run aggregates for means.

AGGREGATE
  /OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#14 (time to degree completion)\Academic Year 0506\AY0506
Associate years to grad aggregate.sav'
  /BREAK=assoc
  /yrstograd 'years to graduate' = MEAN(yrstograd).


USE ALL.
COMPUTE filter_$=(occtech = 'X').
```

AY0506 grads with programs syntax.doc

```
VARIABLE LABEL filter_$ "occtech = 'X' (FILTER)".
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

AGGREGATE
  /OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#61 (OCC_TECH time to degree completion)\Academic Year
0506\AY0506 OCC_TECH Associates years to grad aggregate.sav'
  /BREAK=occtech
  /yrstograd 'years to graduate' = MEAN(yrstograd).

FILTER OFF.
USE ALL.
EXECUTE .


GET
  FILE='I:\Institutional Effectiveness\Institutional Dashboard by
Measure\#14'+
 ' (time to degree completion)\Academic Year 0506\AY0506 Associate years
to grad aggregate.sav'.

GET
  FILE='I:\Institutional Effectiveness\Institutional Dashboard by
Measure\#61'+
 ' (OCC_TECH time to degree completion)\Academic Year 0506\AY0506
OCC_TECH Associates years to grad aggregate.sav'.
```

Frequencies

[DataSet1] I:\Institutional Effectiveness\Institutional Dashboard by Measure\#14 (time to degree completion)\Academic Year 0607\AY0607 grads with programs.sav

Statistics

program

N	Valid	26
	Missing	0

program

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ACC.ABA	2	7.7	7.7	7.7
	ACC.GA.CT	3	11.5	11.5	19.2
	CCR.CT	1	3.8	3.8	23.1
	CIS.CIN.CA	4	15.4	15.4	38.5
	CIS.NWA.CA	3	11.5	11.5	50.0
	CIS.NWS.CT	1	3.8	3.8	53.8
	CIS.OSE.CA	3	11.5	11.5	65.4
	CRJ.PET.CT	1	3.8	3.8	69.2
	CUL.FSM.AAS	1	3.8	3.8	73.1
	ELE.CT	1	3.8	3.8	76.9
	EMS.PAR.CT	2	7.7	7.7	84.6
	ENV.FAC. AASX	1	3.8	3.8	88.5
	LBT.AAS	3	11.5	11.5	100.0
	Total	26	100.0	100.0	

7/1/05 — 4/30/06

	LVL
ACC.ABA	2
ACC.GA.CT	1
CIS.CIN.CA	1
CIS.NWA.CA	0
CIS.NWS.CT	1
CIS.OSE.CA	0
EMS.PAR.CT	1
LBT.AAS	2
MUS.CMT.ALA	2
MUS.PVO.ALA	2
~~NCP.EWS.2~~	
SLI.AAS	2

ACC. CT

Identify Occ Tech Programs.SPS
from "Time to Degree"

```
STRING occtech (A8).
IF (program.1 = 'AAC.CA'
OR program.1 = 'AAC.CT'
OR program.1 = 'ACC.AAS'
OR program.1 = 'ACC.CA'
OR program.1 = 'ACC.CT'
OR program.1 = 'ACH.AAS'
OR program.1 = 'ACH.AASX'
OR program.1 = 'ADA.AAS'
OR program.1 = 'ALT.AAS'
OR program.1 = 'ALT.ALB.AAS'
OR program.1 = 'ALT.ALB.CT'
OR program.1 = 'ALT.ALD.AAS'
OR program.1 = 'ALT.ALD.CT'
OR program.1 = 'ALT.ALM.AAS'
OR program.1 = 'ALT.ALM.CT'
OR program.1 = 'ALT.ALS.AAS'
OR program.1 = 'ALT.ALS.CT'
OR program.1 = 'ALT.CT'
OR program.1 = 'APT.ACR'
OR program.1 = 'APT.ATR'
OR program.1 = 'APT.DID'
OR program.1 = 'APT.DIM'
OR program.1 = 'APT.EXA'
OR program.1 = 'APT.IPE'
OR program.1 = 'APT.MAC'
OR program.1 = 'APT.MAR'
OR program.1 = 'APT.MIL'
OR program.1 = 'APT.MMM'
OR program.1 = 'APT.MOM'
OR program.1 = 'APT.TDI'
OR program.1 = 'APT.TIN'
OR program.1 = 'ARC.AAS'
OR program.1 = 'ARE.AAS'
OR program.1 = 'ARE.CA'
OR program.1 = 'ARE.CT'
OR program.1 = 'ASA.AAS'
OR program.1 = 'AUD.AAS'
OR program.1 = 'AUD.CA'
OR program.1 = 'AUD.CT'
OR program.1 = 'AUO.AAS'
```

```
OR program.1 = 'AUS.AAS'
OR program.1 = 'AUS.CA'
OR program.1 = 'AUS.CT'
OR program.1 = 'AUT.AAS'
OR program.1 = 'AUT.CA'
OR program.1 = 'AUT.CT'
OR program.1 = 'AVM.AAS'
OR program.1 = 'AVM.AVI.AAS'
OR program.1 = 'AVM.AVI.CT'
OR program.1 = 'AVM.AVP.AAS'
OR program.1 = 'AVM.AVP.CT'
OR program.1 = 'AVM.FLT.AAS'
OR program.1 = 'AVM.MGT.AAS'
OR program.1 = 'AVM.TEC.AAS'
OR program.1 = 'BAN.AAS'
OR program.1 = 'BAT.ALA'
OR program.1 = 'BIS.AAS'
OR program.1 = 'BIS.CT'
OR program.1 = 'BUS.ABA'
OR program.1 = 'CAD.AAS'
OR program.1 = 'CAD.AIM.AASX'
OR program.1 = 'CAD.BDO.AAS'
OR program.1 = 'CAD.CAE.AAS'
OR program.1 = 'CAD.CAE.CT'
OR program.1 = 'CAD.CAP.AAS'
OR program.1 = 'CAD.CT'
OR program.1 = 'CAD.MTO.AAS'
OR program.1 = 'CAD.MTO.AASX'
OR program.1 = 'CAD.MTO.CT'
OR program.1 = 'CAD.VDO.AASX'
OR program.1 = 'CAD.VDO.CT'
OR program.1 = 'CAR.NRT.CT'
OR program.1 = 'CAR.PRT.CT'
OR program.1 = 'CAT.AAS'
OR program.1 = 'CCR.AAS'
OR program.1 = 'CCR.CA'
OR program.1 = 'CCR.CT'
OR program.1 = 'CCS.AAS'
OR program.1 = 'CCS.AASX'
OR program.1 = 'CCS.CA'
OR program.1 = 'CCS.CT'
```

```
OR program.1 = 'CDA.CT'
OR program.1 = 'CER.AAS'
OR program.1 = 'CER.CT'
OR program.1 = 'CHE.AAS'
OR program.1 = 'CHE.CT'
OR program.1 = 'CHT.AAS'
OR program.1 = 'CHT.CT'
OR program.1 = 'CIM.AAS'
OR program.1 = 'CIM.CID.AAS'
OR program.1 = 'CIM.CID.CT'
OR program.1 = 'CIM.CT'
OR program.1 = 'CIM.NUC.AAS'
OR program.1 = 'CIM.NUC.CT'
OR program.1 = 'CIM.PLF.AAS'
OR program.1 = 'CIM.PLF.CT'
OR program.1 = 'CIM.ROB.AAS'
OR program.1 = 'CIM.ROB.CT'
OR program.1 = 'CIS.CPA.AAS'
OR program.1 = 'CIS.CPC.CT'
OR program.1 = 'CIS.CTC.AAS'
OR program.1 = 'CIS.CTS.AAS'
OR program.1 = 'CIS.CTS.CT'
OR program.1 = 'CIS.CUC.CT'
OR program.1 = 'CIS.MMC.CT'
OR program.1 = 'CLE.CT'
OR program.1 = 'CNT.AAS'
OR program.1 = 'CNT.CT'
OR program.1 = 'COA.AAS'
OR program.1 = 'COS.MGT.AAS'
OR program.1 = 'COS.STY.AAS'
OR program.1 = 'CPH.AAS'
OR program.1 = 'CPH.CT'
OR program.1 = 'CRI.AAS'
OR program.1 = 'CRI.CA'
OR program.1 = 'CRI.CT'
OR program.1 = 'CRJ.COR.AAS'
OR program.1 = 'CRJ.COR.CA'
OR program.1 = 'CRJ.COR.CT'
OR program.1 = 'CRJ.CRO.AAS'
OR program.1 = 'CRJ.CRO.CT'
OR program.1 = 'CRJ.LAW.AAS'
```

```
OR program.1 = 'CRJ.LAW.CA'
OR program.1 = 'CRJ.LAW.CT'
OR program.1 = 'CRJ.PET.AAS'
OR program.1 = 'CRJ.PET.CT'
OR program.1 = 'CRJ.SEC.CT'
OR program.1 = 'CUL.AASX'
OR program.1 = 'CUL.BAK.CT'
OR program.1 = 'CUL.BPA.CT'
OR program.1 = 'CUL.FSM.AAS'
OR program.1 = 'CUL.FSM.CA'
OR program.1 = 'CUL.HMM.AAS'
OR program.1 = 'CUL.RMP.AASX'
OR program.1 = 'cvt'
OR program.1 = 'DAT.AAS'
OR program.1 = 'DDT.AAS'
OR program.1 = 'DEI.NON'
OR program.1 = 'DEN.CT'
OR program.1 = 'DHY.AASX'
OR program.1 = 'DHY.APP'
OR program.1 = 'DIE.AAS'
OR program.1 = 'DIE.CA'
OR program.1 = 'DIE.CT'
OR program.1 = 'DMS.AASX'
OR program.1 = 'DMS.APP'
OR program.1 = 'DPC.AAS'
OR program.1 = 'DPS.AAS'
OR program.1 = 'DRA.CT'
OR program.1 = 'ECD.AAS'
OR program.1 = 'ECD.APP'
OR program.1 = 'ECM.AAS'
OR program.1 = 'ECM.CA'
OR program.1 = 'EGR.EPT.AAS'
OR program.1 = 'EGR.EPT.AASX'
OR program.1 = 'EGR.EPT.CT'
OR program.1 = 'EIT.BRG'
OR program.1 = 'EIT.CGR'
OR program.1 = 'EIT.EAL'
OR program.1 = 'EIT.EBH'
OR program.1 = 'EIT.EBL'
OR program.1 = 'EIT.EBS'
OR program.1 = 'EIT.EIL'
```

```
OR program.1 = 'EIT.EIN'
OR program.1 = 'EIT.EMH'
OR program.1 = 'EIT.EMO'
OR program.1 = 'EIT.EMS'
OR program.1 = 'EIT.EPR'
OR program.1 = 'EIT.ETD'
OR program.1 = 'EIT.ETF'
OR program.1 = 'EIT.EWR'
OR program.1 = 'EIT.IGR'
OR program.1 = 'EIT.IPE'
OR program.1 = 'EIT.JIF'
OR program.1 = 'EIT.MRF'
OR program.1 = 'EIT.PLT.AAS'
OR program.1 = 'EIT.PMW'
OR program.1 = 'ELC.AAS'
OR program.1 = 'ELC.CT'
OR program.1 = 'ELE.AAS'
OR program.1 = 'ELE.CA'
OR program.1 = 'ELE.CT'
OR program.1 = 'ELI.AAS'
OR program.1 = 'ELI.CT'
OR program.1 = 'ELM.AAS'
OR program.1 = 'ELT.AAS'
OR program.1 = 'ELT.CA'
OR program.1 = 'ELT.CT'
OR program.1 = 'EMT.AASX'
OR program.1 = 'EMT.APP'
OR program.1 = 'EMT.CT'
OR program.1 = 'END.AAS'
OR program.1 = 'ENV.FAC.AAS'
OR program.1 = 'ENV.FAC.AASX'
OR program.1 = 'ENV.FAC.CT'
OR program.1 = 'ENV.HVA.AASX'
OR program.1 = 'ENV.HVC.CT'
OR program.1 = 'ENV.HVH.CT'
OR program.1 = 'ENV.HVR.CT'
OR program.1 = 'ENV.HVT.AASX'
OR program.1 = 'ENV.HVT.CT'
OR program.1 = 'ENV.SPI.AAS'
OR program.1 = 'EST.AAS'
OR program.1 = 'ETT.AAS'
```

```
OR program.1 = 'ETT.CA'
OR program.1 = 'ETT.CT'
OR program.1 = 'EXE.AAS'
OR program.1 = 'EXE.CA'
OR program.1 = 'EXE.CT'
OR program.1 = 'FBM.AAS'
OR program.1 = 'FBM.CA'
OR program.1 = 'FDM.AAS'
OR program.1 = 'FEC.AAS'
OR program.1 = 'FFT.AAS'
OR program.1 = 'FFT.CT'
OR program.1 = 'FIR.AAS'
OR program.1 = 'FPT.AAS'
OR program.1 = 'FPT.CT'
OR program.1 = 'FSF.AAS'
OR program.1 = 'FTC.AAS'
OR program.1 = 'FTC.CA'
OR program.1 = 'GRA.ADV.AAS'
OR program.1 = 'GRA.ADV.CA'
OR program.1 = 'GRA.ADV.CT'
OR program.1 = 'GRA.ILL.AAS'
OR program.1 = 'GRA.ILL.CA'
OR program.1 = 'GRA.ILL.CT'
OR program.1 = 'GRD.AAS'
OR program.1 = 'GRN.CT'
OR program.1 = 'HCA.AAS'
OR program.1 = 'HCA.CT'
OR program.1 = 'HPT.AAS'
OR program.1 = 'HPT.APP'
OR program.1 = 'HPT.CA'
OR program.1 = 'HPT.CT'
OR program.1 = 'HST.AAS'
OR program.1 = 'ICA.AAS'
OR program.1 = 'ICA.CT'
OR program.1 = 'IND.AAS'
OR program.1 = 'IND.ACE.CT'
OR program.1 = 'IND.ACR.AAS'
OR program.1 = 'IND.ACR.CT'
OR program.1 = 'IND.AMH.CT'
OR program.1 = 'IND.ATR.AAS'
OR program.1 = 'IND.ATR.CA'
```

```
OR program.1 = 'IND.ATR.CT'
OR program.1 = 'IND.DID.AAS'
OR program.1 = 'IND.DID.CT'
OR program.1 = 'IND.DIM.AAS'
OR program.1 = 'IND.DIM.CT'
OR program.1 = 'IND.DRD.AAS'
OR program.1 = 'IND.DRD.CT'
OR program.1 = 'IND.EXA.AAS'
OR program.1 = 'IND.EXA.CA'
OR program.1 = 'IND.EXA.CT'
OR program.1 = 'IND.INC.AAS'
OR program.1 = 'IND.INC.CT'
OR program.1 = 'IND.IPE.AAS'
OR program.1 = 'IND.IPE.CA'
OR program.1 = 'IND.IPE.CT'
OR program.1 = 'IND.IST.AAS'
OR program.1 = 'IND.IST.CT'
OR program.1 = 'IND.MAC.AAS'
OR program.1 = 'IND.MAC.CT'
OR program.1 = 'IND.MAR.AAS'
OR program.1 = 'IND.MAR.CT'
OR program.1 = 'IND.MIL.AAS'
OR program.1 = 'IND.MIL.CT'
OR program.1 = 'IND.MMM.AAS'
OR program.1 = 'IND.MMM.CT'
OR program.1 = 'IND.MMW.AAS'
OR program.1 = 'IND.MMW.CA'
OR program.1 = 'IND.MMW.CT'
OR program.1 = 'IND.MOM.AAS'
OR program.1 = 'IND.MOM.CT'
OR program.1 = 'IND.PIF.AAS'
OR program.1 = 'IND.PIF.CA'
OR program.1 = 'IND.PIF.CT'
OR program.1 = 'IND.PMM.AAS'
OR program.1 = 'IND.PMM.CT'
OR program.1 = 'IND.PMW.AAS'
OR program.1 = 'IND.PMW.CT'
OR program.1 = 'IND.STE.AAS'
OR program.1 = 'IND.STE.CT'
OR program.1 = 'IND.TDE.AAS'
OR program.1 = 'IND.TDE.CT'
```

```
OR program.1 = 'IND.TDI.AAS'
OR program.1 = 'IND.TDI.CT'
OR program.1 = 'IND.TES.CT'
OR program.1 = 'IND.TIN.AAS'
OR program.1 = 'IND.TIN.CT'
OR program.1 = 'IND.TJF.AAS'
OR program.1 = 'IND.TJF.CT'
OR program.1 = 'IND.TMA.AAS'
OR program.1 = 'IND.TMA.CT'
OR program.1 = 'IND.TMB.CT'
OR program.1 = 'IND.TOM.AAS'
OR program.1 = 'IND.TOM.CT'
OR program.1 = 'IND.VEB.AAS'
OR program.1 = 'IND.VEB.CT'
OR program.1 = 'IND.WEL.AAS'
OR program.1 = 'IND.WEL.CT'
OR program.1 = 'INP.AAS'
OR program.1 = 'INS.AAS'
OR program.1 = 'INS.CA'
OR program.1 = 'INS.CT'
OR program.1 = 'INT.AAS'
OR program.1 = 'ISE.AAS'
OR program.1 = 'ISE.CA'
OR program.1 = 'ISE.CT'
OR program.1 = 'LAD.AAS'
OR program.1 = 'LAD.CT'
OR program.1 = 'LEG.AAS'
OR program.1 = 'LEG.CA'
OR program.1 = 'LEG.CT'
OR program.1 = 'LGL.AAS'
OR program.1 = 'LGL.APP'
OR program.1 = 'LGL.CT'
OR program.1 = 'LPN'
OR program.1 = 'LSH.AAS'
OR program.1 = 'LSH.CT'
OR program.1 = 'LST.AAS'
OR program.1 = 'LST.CA'
OR program.1 = 'LST.CT'
OR program.1 = 'LTA.AAS'
OR program.1 = 'LTA.CA'
OR program.1 = 'LTA.CT'
```

```
OR program.1 = 'MDA.AAS'
OR program.1 = 'MDA.AASX'
OR program.1 = 'MDA.CT'
OR program.1 = 'MDS.AAS'
OR program.1 = 'MDS.CA'
OR program.1 = 'MDS.CT'
OR program.1 = 'MDT.AAS'
OR program.1 = 'MEC.AAS'
OR program.1 = 'MEC.CA'
OR program.1 = 'MEC.CT'
OR program.1 = 'MET.AAS'
OR program.1 = 'MET.CA'
OR program.1 = 'MET.CT'
OR program.1 = 'MFG.AAS'
OR program.1 = 'MFG.CT'
OR program.1 = 'MGT.ADO.AAS'
OR program.1 = 'MGT.BUS.AAS'
OR program.1 = 'MGT.CA'
OR program.1 = 'MGT.CON.AAS'
OR program.1 = 'MGT.ENO.AAS'
OR program.1 = 'MGT.RET.AAS'
OR program.1 = 'MGT.RFB.AAS'
OR program.1 = 'MGT.SBO.AAS'
OR program.1 = 'MHS.AAS'
OR program.1 = 'MHS.APP'
OR program.1 = 'MLT.AAS'
OR program.1 = 'MLT.APP'
OR program.1 = 'MPT.AAS'
OR program.1 = 'MPT.CA'
OR program.1 = 'MPT.CT'
OR program.1 = 'MSM.MMA.AAS'
OR program.1 = 'MSM.MME.AAS'
OR program.1 = 'MSM.MMP.AAS'
OR program.1 = 'MSM.MMR.AAS'
OR program.1 = 'MSM.MMT.AAS'
OR program.1 = 'MST.AAS'
OR program.1 = 'MST.APP'
OR program.1 = 'MST.CT'
OR program.1 = 'MTT.AAS'
OR program.1 = 'MTT.CNC.AAS'
OR program.1 = 'MTT.CNC.CT'
```

```
OR program.1 = 'MTT.CT'
OR program.1 = 'MTY.AAS'
OR program.1 = 'MTY.CA'
OR program.1 = 'MTY.CT'
OR program.1 = 'MUR.AAS'
OR program.1 = 'MUR.CT'
OR program.1 = 'NCT.AAS'
OR program.1 = 'NMT.AAS'
OR program.1 = 'NON.OPA.BASIC'
OR program.1 = 'NUR.AASX'
OR program.1 = 'NUR.APP'
OR program.1 = 'NUR.MCL.CT'
OR program.1 = 'NUR.PNE.APP'
OR program.1 = 'NUR.PNE.CT'
OR program.1 = 'NUR.RNE.AASX'
OR program.1 = 'NUR.RNE.APP'
OR program.1 = 'NUR.TPN.AASX'
OR program.1 = 'NUR.TPN.APP'
OR program.1 = 'OFA.CT'
OR program.1 = 'OIS.AAS'
OR program.1 = 'OIS.CT'
OR program.1 = 'PCA.AAS'
OR program.1 = 'PHO.AAS'
OR program.1 = 'PHO.CA'
OR program.1 = 'PHO.CT'
OR program.1 = 'PHT.AAS'
OR program.1 = 'PHT.CT'
OR program.1 = 'PLA.AAS'
OR program.1 = 'PLA.CT'
OR program.1 = 'PLG.AAS'
OR program.1 = 'PLG.APP'
OR program.1 = 'PLG.CT'
OR program.1 = 'PTA.MCC.REC'
OR program.1 = 'PUB.AAS'
OR program.1 = 'PUB.CT'
OR program.1 = 'QAT.AAS'
OR program.1 = 'QAT.CT'
OR program.1 = 'RAD.CT'
OR program.1 = 'RAL.AASX'
OR program.1 = 'RAL.APP'
OR program.1 = 'RES.AAS'
```

```
OR program.1 = 'RES.CA'
OR program.1 = 'RES.CT'
OR program.1 = 'ROB.AUT.AASX'
OR program.1 = 'ROB.AUT.CT'
OR program.1 = 'ROB.ELE.AAS'
OR program.1 = 'ROB.ELE.CT'
OR program.1 = 'ROB.RBH.AAS'
OR program.1 = 'ROB.RBH.CT'
OR program.1 = 'RSC.AAS'
OR program.1 = 'RSC.CA'
OR program.1 = 'RSC.CT'
OR program.1 = 'RSP.AASX'
OR program.1 = 'RSP.APP'
OR program.1 = 'RTT.AAS'
OR program.1 = 'SRM.AAS'
OR program.1 = 'SRM.CT'
OR program.1 = 'STE.CT'
OR program.1 = 'SUR.AAS'
OR program.1 = 'SUR.APP'
OR program.1 = 'TEL.AAS'
OR program.1 = 'TMD.ADD.AASX'
OR program.1 = 'TMD.ADM.AAS'
OR program.1 = 'TMD.MGT.AASX'
OR program.1 = 'TMD.TDM.AASX'
OR program.1 = 'TMD.TDP.AASX'
OR program.1 = 'TVP.AAS'
OR program.1 = 'VBT.AAS'
OR program.1 = 'VBT.CA'
OR program.1 = 'VBT.CT'
OR program.1 = 'WDS.DEI'
OR program.1 = 'WEL.CT'
OR program.1 = 'WFT.AAS'
OR program.1 = 'WFT.CT'
OR program.1 = 'WOR.AAS'
OR program.1 = 'WOR.CA'
OR program.1 = 'WOR.CT'
OR program.1 = 'LTN.AAS'
OR program.1 = 'MGT.AOM.AAS')
occtech = 'X' .
VARIABLE LABELS occtech 'Occ/Tech program.1' .
EXECUTE .
```

```
USE ALL.
COMPUTE filter_$=(MISSING(degrees) & degree = 'X' ).
VARIABLE LABEL filter_$ "MISSING(degrees) & degree = 'X'  (FILTER)".
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
```

Indentify associate degree .SPS from "Time to Degree"

```
STRING degree (A3).
 IF (program.1 = 'ACC.AAS'
OR program.1 = 'ACH.AASX'
OR program.1 = 'ACH.AAS'
OR program.1 = 'ALA.ALA'
OR program.1 = 'ASC.ASC'
OR program.1 = 'AUS.AAS'
OR program.1 = 'AVM.AAS'
OR program.1 = 'BAT.ALA'
OR program.1 = 'BIS.AAS'
OR program.1 = 'BUS.ABA'
OR program.1 = 'CAD.AIM.AASX'
OR program.1 = 'CAD.CAE.AAS'
OR program.1 = 'CAD.MTO.AAS'
OR program.1 = 'CAD.MTO.AASX'
OR program.1 = 'CAD.VDO.AASX'
OR program.1 = 'CCR.AAS'
OR program.1 = 'CER.AAS'
OR program.1 = 'CHT.AAS'
OR program.1 = 'CIS.AAS'
OR program.1 = 'CIS.CPA.AAS'
OR program.1 = 'CIS.CTC.AAS'
OR program.1 = 'CIS.CTS.AAS'
OR program.1 = 'CNT.AAS'
OR program.1 = 'COS.MGT.AAS'
OR program.1 = 'COS.STY.AAS'
OR program.1 = 'CRJ.CRO.AAS'
OR program.1 = 'CRJ.LAW.AAS'
OR program.1 = 'CRJ.PET.AAS'
OR program.1 = 'CRJ.SEC.AAS'
OR program.1 = 'CUL.AASX'
OR program.1 = 'CUL.HMM.AAS'
OR program.1 = 'CUL.RMP.AASX'
OR program.1 = 'CUL.FSM.AAS'
OR program.1 = 'DHY.AASX'
OR program.1 = 'DMS.AASX'
OR program.1 = 'ECD.AAS'
OR program.1 = 'EDU.ALA'
OR program.1 = 'EGR.ASC'
OR program.1 = 'EGR.EPT.AASX'
OR program.1 = 'EGR.PRE.ASC'
```

```
OR program.1 = 'ELE.AAS'
OR program.1 = 'ELM.AAS'
OR program.1 = 'EMT.AASX'
OR program.1 = 'END.AAS'
OR program.1 = 'ENV.FAC.AAS'
OR program.1 = 'ENV.HVA.AASX'
OR program.1 = 'ENV.HVT.AASX'
OR program.1 = 'ENV.SPI.AAS'
OR program.1 = 'EST.AAS'
OR program.1 = 'ETT.AAS'
OR program.1 = 'EXS.AAS'
OR program.1 = 'EXS.BUS.AASX'
OR program.1 = 'EXS.GRN.AASX'
OR program.1 = 'FAV.ALA'
OR program.1 = 'FFT.AAS'
OR program.1 = 'GEN.AGS'
OR program.1 = 'GRD.AAS'
OR program.1 = 'GRA.ILL.AAS'
OR program.1 = 'GRN.AAS'
OR program.1 = 'HCA.AAS'
OR program.1 = 'HPT.AAS'
OR program.1 = 'HST.AAS'
OR program.1 = 'ICM.PRE.ALA'
OR program.1 = 'IND.AAS'
OR program.1 = 'IND.ACR.AAS'
OR program.1 = 'IND.ATR.AAS'
OR program.1 = 'IND.DIM.AAS'
OR program.1 = 'IND.DRD.AAS'
OR program.1 = 'IND.EXA.AAS'
OR program.1 = 'IND.INC.AAS'
OR program.1 = 'IND.IPE.AAS'
OR program.1 = 'IND.MAC.AAS'
OR program.1 = 'IND.MAR.AAS'
OR program.1 = 'IND.MIL.AAS'
OR program.1 = 'IND.MMM.AAS'
OR program.1 = 'IND.MMW.AAS'
OR program.1 = 'IND.MOM.AAS'
OR program.1 = 'IND.PIF.AAS'
OR program.1 = 'IND.PMM.AAS'
OR program.1 = 'IND.PMW.AAS'
OR program.1 = 'IND.STE.AAS'
```

```
OR program.1 = 'IND.TDE.AAS'
OR program.1 = 'IND.TDI.AAS'
OR program.1 = 'IND.TIN.AAS'
OR program.1 = 'IND.TJF.AAS'
OR program.1 = 'IND.TMA.AAS'
OR program.1 = 'IND.TOM.AAS'
OR program.1 = 'IND.VEB.AAS'
OR program.1 = 'IND.WEL.AAS'
OR program.1 = 'INT.AAS'
OR program.1 = 'LAD.AAS'
OR program.1 = 'LGL.AAS'
OR program.1 = 'LSH.AAS'
OR program.1 = 'LST.AAS'
OR program.1 = 'LTA.AAS'
OR program.1 = 'MDA.AAS'
OR program.1 = 'MDA.AASX'
OR program.1 = 'MET.AAS'
OR program.1 = 'MFG.AAS'
OR program.1 = 'MGT.ADO.AAS'
OR program.1 = 'MGT.BUS.AAS'
OR program.1 = 'MGT.SBO.AAS'
OR program.1 = 'MGT.CON.AAS'
OR program.1 = 'MGT.ENO.AAS'
OR program.1 = 'MGT.RET.AAS'
OR program.1 = 'MGT.RFB.AAS'
OR program.1 = 'MHS.AAS'
OR program.1 = 'MSM.MMA.AAS'
OR program.1 = 'MSM.MME.AAS'
OR program.1 = 'MSM.MMP.AAS'
OR program.1 = 'MSM.MMR.AAS'
OR program.1 = 'MSM.MMT.AAS'
OR program.1 = 'MST.AAS'
OR program.1 = 'MTT.AAS'
OR program.1 = 'MTT.CNC.AAS'
OR program.1 = 'NMT.AAS'
OR program.1 = 'NUR.AASX'
OR program.1 = 'NUR.RNE.AASX'
OR program.1 = 'NUR.TPN.AASX'
OR program.1 = 'PHT.AAS'
OR program.1 = 'PLG.AAS'
OR program.1 = 'RAL.AASX'
```

```
OR program.1 = 'ROB.AUT.AASX'
OR program.1 = 'RSP.AASX'
OR program.1 = 'RTT.AAS'
OR program.1 = 'SUR.AAS'
OR program.1 = 'TMD.ADD.AASX'
OR program.1 = 'TMD.ADM.AAS'
OR program.1 = 'TMD.MGT.AASX'
OR program.1 = 'TMD.TDP.AASX'
OR program.1 = 'DHY.APP'
OR program.1 = 'DMS.APP'
OR program.1 = 'EMT.APP'
OR program.1 = 'HPT.APP'
OR program.1 = 'LGL.APP'
OR program.1 = 'MHS.APP'
OR program.1 = 'MST.APP'
OR program.1 = 'NUR.APP'
OR program.1 = 'NUR.PNE.APP'
OR program.1 = 'NUR.RNE.APP'
OR program.1 = 'NUR.TPN.APP'
OR program.1 = 'PLG.APP'
OR program.1 = 'RAL.APP'
OR program.1 = 'RSP.APP'
OR program.1 = 'VBT.AAS'
OR program.1 = 'LTN.AAS'
OR program.1 = 'MGT.AOM.AAS')
degree = 'X'.
VARIABLE LABELS degree 'Associate Degree'.
EXECUTE.
```

	assoc	yrstograd
1	X	6.72

	occtech	yrstograd
1	X	6.95

#14/61 Time to Graduation

1962 degrees

Text File	Contains
AY0607 grds PREV OCC DEGREES .txt	ACAD. CREDENTIALS ACAD. CREDENTIALS. ID Acad Program Degree End Date ACAD. INSTITUTIONS. ID ACAD. PERSON. ID
AY0607 grads with programs .txt	ACAD. CREDENTIALS ACAD. INSTITUTIONS. ID Acad. Program Commencement Date End Date ACAD. PERSON. ID
AY0607 start.txt	STUDENT. ACAD. LEVELS START Date Student ID Acad Level START Term

Previous degree syntax

RUN Acad Cred Key grads 0607.wis

GET.LIST IRGRADSAY0607

SAVE.LIST IRGRADSAY0607 ACID

RUN: Previous OCC Degrees.wis

change ITEMS - ACAD.END.DATE

GET.LIST IRGRADSAY0607 ACID

PC File AY0607 grads PREV OCC DEGREES.txt

59 students w/ previous degrees

5 students " " non OCC

54

40 deduped

Save graduates for Demo Info (1).wis

```
* Statement Builder save script

If Not(IsDialog(Query)) Then
  Script 'query\querydlg.wis'
  If Not(IsDialog(Query)) Then
    MessageBox 'Unable to load Query builder','Query', MB_ICONHAND|MB_OK
    EndScript
  EndIf
EndIf
If IsShown(Query) Then
  If Version >= "4.1.1" Then
    Query.Verb.Text = `SELECT`
  Else DialogBox Select Query,Verb,`SELECT`
Else Query.Verb=`SELECT`
Query.File=`ACAD.CREDENTIALS`
Query.Items = `WITH ACAD.END.DATE > "06/30/05" AND WITH ACAD.END.DATE < "07/02/06"`
Query.Sort = ``
Query.Output = `SAVING UNIQUE ACAD.PERSON.ID`
Query.Heading=``
Query.Footing=``
Query.GrandTotal=``
Query.HdrSup=0
Query.DetSup=0
Query.ColSup=0
Query.IdSup=0
Query.OutputTo=`Screen`
Query.Before=``
Query.After=`SAVE.LIST IRGRADSAY0506`
If IsShown(Query) Then
  Library `query\query`
  EnableOutputOptions
Else Script `query\query`,1
```

Extract grads ACADL id save list.wis

```
* Statement Builder save script

If Not(IsDialog(Query)) Then
  Script 'query\querydlg.wis'
  If Not(IsDialog(Query)) Then
    MessageBox 'Unable to load Query builder','Query', MB_ICONHAND|MB_OK
    EndScript
  EndIf
EndIf
If IsShown(Query) Then
  If Version >= "4.1.1" Then
    Query.Verb.Text = `SELECT`
  Else DialogBox Select Query,Verb,`SELECT`
Else Query.Verb=`SELECT`
Query.File=`STUDENTS`
Query.Items = ``
Query.Sort = ``
Query.Output = `SAVING UNIQUE STU.ACAD.LEVELS.ID`
Query.Heading=``
Query.Footing=``
Query.GrandTotal=``
Query.HdrSup=0
Query.DetSup=0
Query.ColSup=0
Query.IdSup=0
Query.OutputTo=`Screen`
Query.Before=`GET.LIST IRGRADSAY0506`
Query.After=`SAVE.LIST IRGRAY0506AL`
If IsShown(Query) Then
  Library `query\query`
  EnableOutputOptions
Else Script `query\query`,1
```

Extract grads ACADL start.wis

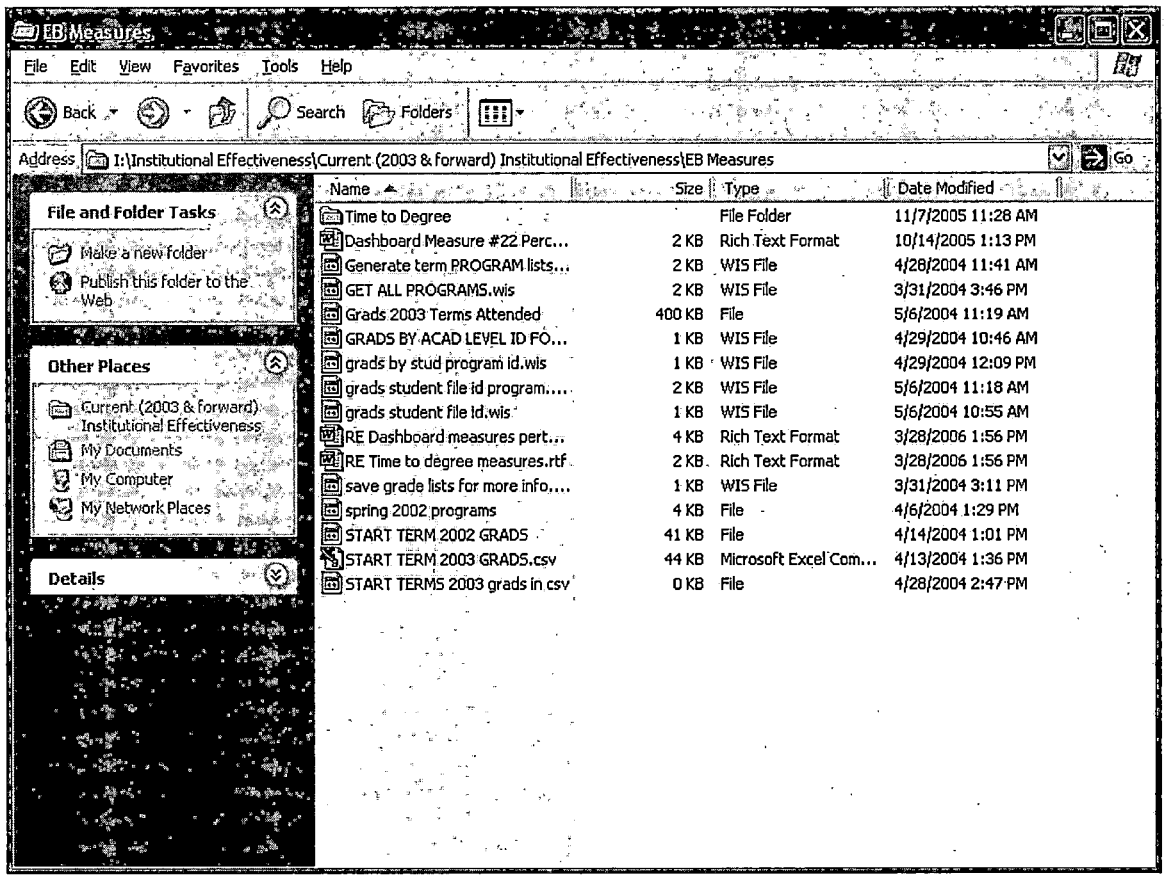
```
* Statement Builder save script

If Not(IsDialog(Query)) Then
  Script 'query\querydlg.wis'
  If Not(IsDialog(Query)) Then
    MessageBox 'Unable to load Query builder','Query', MB_ICONHAND|MB_OK
    EndScript
  EndIf
EndIf
If IsShown(Query) Then
  If Version >= "4.1.1" Then
    Query.Verb.Text = `LIST`
  Else DialogBox Select Query,Verb,`LIST`
Else Query.Verb=`LIST`
Query.File=`STUDENT.ACAD.LEVELS`
Query.Items = ``
Query.Sort = ``
Query.Output = `STA.START.DATE STA.START.TERM STA.STUDENT STA.ACAD.LEVEL`
Query.Heading=``
Query.Footing=``
Query.GrandTotal=``
Query.HdrSup=0
Query.DetSup=0
Query.ColSup=0
Query.IdSup=0
Query.OutputTo=`PC`
Query.Before=`GET.LIST IRGRAY0506AL`
Query.After=``
If Not(IsDialog(PCInfo)) Then Script 'query\pcinfo',1
PCInfo.PCFile=`H:\Dashboard\Time to degree\AY0506 start.txt`
PCInfo_App=`None`
PCInfo_As=`Comma Quoted Values`
PCInfo_Extra=``
PCAdvanced.Timeout=10
PCAdvanced.Retries=3
PCAdvanced.Mode=`Reformat`
PCAdvanced.Append=0
PCAdvanced.NumberConversion=0
PCAdvanced.ExplodeValues=1
PCAdvanced.RepeatValues=1
PCAdvanced.UseFormattingInformation=0
PCAdvanced.LeftJustifiedIsText=0
PCAdvanced.RightJustifiedIsNumeric=0
If Version >= '4.2.0' Then
PCInfo.FileUse=`CreateOnly`
EndIf
If IsShown(Query) Then
  Library `query\query`
  EnableOutputOptions
Else Script `query\query`,1
```

Extract grads by acad cred.wis

```
* Statement Builder save script

If Not(IsDialog(Query)) Then
  Script 'query\querydlg.wis'
  If Not(IsDialog(Query)) Then
    MessageBox 'Unable to load Query builder','Query', MB_ICONHAND|MB_OK
    EndScript
  EndIf
EndIf
If IsShown(Query) Then
  If Version >= "4.1.1" Then
    Query.Verb.Text = `LIST`
  Else DialogBox Select Query,Verb,`LIST`
Else Query.Verb=`LIST`
Query.File=`ACAD.CREDENTIALS`
Query.Items = `WITH ACAD.END.DATE > "07/01/05" AND WITH ACAD.END.DATE < "07/02/06"`
Query.Sort = ``
Query.Output = `ACAD.INSTITUTIONS.ID ACAD.ACAD.PROGRAM ACAD.COMMENCEMENT.DATE
ACAD.END.DATE ACAD.PERSON.ID`
Query.Heading=``
Query.Footing=``
Query.GrandTotal=``
Query.HdrSup=0
Query.DetSup=0
Query.ColSup=0
Query.IdSup=0
Query.OutputTo=`PC`
Query.Before=``
Query.After=``
If Not(IsDialog(PCInfo)) Then Script 'query\pcinfo',1
PCInfo.PCFile=`H:\Dashboard\Time to degree\AY0506 grads with programs.txt`
PCInfo_App=`None`
PCInfo_As=`Comma Quoted Values`
PCInfo_Extra=``
PCAdvanced.Timeout=10
PCAdvanced.Retries=3
PCAdvanced.Mode=`Reformat`
PCAdvanced.Append=0
PCAdvanced.NumberConversion=0
PCAdvanced.ExplodeValues=1
PCAdvanced.RepeatValues=1
PCAdvanced.UseFormattingInformation=0
PCAdvanced.LeftJustifiedIsText=0
PCAdvanced.RightJustifiedIsNumeric=0
If Version >= '4.2.0' Then
PCInfo.FileUse=`CreateOnly`
EndIf
If IsShown(Query) Then
  Library `query\query`
  EnableOutputOptions
Else Script `query\query`,1
```


EB Measures
File Edit View Favorites Tools Help
Back Search Folders
Address I:\Institutional Effectiveness\Current (2003 & forward) Institutional Effectiveness\EB Measures
Go
File and Folder Tasks
Make a new folder
Publish this folder to the Web
Other Places
Current (2003 & forward) Institutional Effectiveness
My Documents
My Computer
My Network Places
Details
Name
Size
Type
Date Modified
Time to Degree File Folder 11/7/2005 11:28 AM
Dashboard Measure #22 Perc... 2 KB Rich Text Format 10/14/2005 1:13 PM
Generate term PROGRAM lists... 2 KB WIS File 4/28/2004 11:41 AM
GET ALL PROGRAMS.wis 2 KB WIS File 3/31/2004 3:46 PM
Grads 2003 Terms Attended 400 KB File 5/6/2004 11:19 AM
GRADS BY ACAD LEVEL ID FO... 1 KB WIS File 4/29/2004 10:46 AM
grads by stud program id.wis 1 KB WIS File 4/29/2004 12:09 PM
grads student file id program.... 2 KB WIS File 5/6/2004 11:18 AM
grads student file id.wis 1 KB WIS File 5/6/2004 10:55 AM
RE Dashboard measures pert... 4 KB Rich Text Format 3/28/2006 1:56 PM
RE Time to degree measures.rtf 2 KB Rich Text Format 3/28/2006 1:56 PM
save grade lists for more info.... 1 KB WIS File 3/31/2004 3:11 PM
spring 2002 programs 4 KB File 4/6/2004 1:29 PM
START TERM 2002 GRADS 41 KB File 4/14/2004 1:01 PM
START TERM 2003 GRADS.csv 44 KB Microsoft Excel Com... 4/13/2004 1:36 PM
START TERMS 2003 grads in csv 0 KB File 4/28/2004 2:47 PM

beginnings of time to degree . SPS
from "Time to Degree"

Before 8/04

```
*** Using the text file imported through the Colleague query 'Extract grads
dash.win',
*** first separate the student id from the program.  To do this use the find and
replace
*** functions in edit.  You may have to open the file in Word, and then save the
result as
*** a text document.  This will create a duplicated list of graduates for the term.

GET DATA  /TYPE = TXT
 /FILE = 'D:\final time to degree\AUGUST 2003 GRADUATES id separated.TXT'
 /DELCASE = LINE
 /DELIMITERS = ", "
 /QUALIFIER = ""
 /ARRANGEMENT = DELIMITED
 /FIRSTCASE = 2
 /IMPORTCASE = ALL
 /VARIABLES =
 id A10
 program A14
 end ADATE8 .
CACHE.
EXECUTE.


SAVE OUTFILE='D:\final time to degree\August 03 graduates.sav'
  /COMPRESSED.

*** Unduplicate the graduates in order to determine start dates.

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

SAVE OUTFILE='D:\final time to degree\August 03 graduates.sav'
  /COMPRESSED.


*** Create the start date file to match up with student id by opening
*** the text file created through the Colleague query.
GET DATA  /TYPE = TXT
```

```
/FILE = 'D:\final time to degree\August 2003 GRADUATES start.TXT'
/DELCASE = LINE
/DELIMITERS = ", "
/QUALIFIER = ""
/ARRANGEMENT = DELIMITED
/FIRSTCASE = 2
/IMPORTCASE = ALL
/VARIABLES =
acadid A15
start ADATE8
stterm A7
id A10
acadlvl A2
.
CACHE.
EXECUTE.

SAVE OUTFILE='D:\final time to degree\August 03 grad start.sav'
  /COMPRESSED.

***

*** Select only the Undergraduate start date.

FILTER OFF.
USE ALL.
SELECT IF(acadlvl = 'UG').
EXECUTE .

SAVE OUTFILE='D:\final time to degree\August 03 grad start.sav'
  /COMPRESSED.

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

Oakland Community College
Institutional Dashboard Supporting Data
Measure 14: Time to Degree Completion (Years)

Academic Year	Average Years	Change
2002-03	6.59	
2003-04	6.47	-0.018
2004-05	5.66	-0.125
2005-06	6.37	0.125

Source: OCC, Office of Assessment and Effectiveness, Office of Institutional Research

Updated: 11/22/2006

	assoc	yrstograd
1	X	6.37

LY 5.6b

22 Documentation:

- **Dashboard Measure 22: Percent of Credit Sections That Completed**
- **Operational Definition:** Annually, the total number of offered credit sections that are completed. Formula = number of completed credit sections divided by the total number of offered credit sections. In other words, the percent of these sections that are not canceled.
- **Summary Table:**

	Total Sections	Sections Not Cancelled	Percent of Sections Completed
2002 - 2003	6,742	5,947	88.2%
2003 - 2004	6408	6109	89.1%
2004 – 2005	7.183	6,343	88.3%
2005 - 2006	7229	6257	86.6%
2006 – 2007	7017	6270	89.4%

Data Definitions:

Only sections available in the traditional credit terms are considered in this calculation.

Process Overview:

1. Obtain summary End of Year Section data for the Academic Year.
2. Run frequency on Section Status.

Frequencies: Dashboard Measure #22
Completed/Offered Sections

I:\Institutional Effectiveness\Institutional Dashboard by Measure\#22 (Percent credit sections completed)\2006-07\Course Summary Credit Terms 200607.sav

Statistics

Section Status

N	Valid	7017
	Missing	0

Section Status

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	A	6270	89.4	89.4	89.4
	C	747	10.6	10.6	100.0
	Total	7017	100.0	100.0	

Course Summary		Section Counts
run		run
term		term
pref		pref
num		num
loc		loc
syn		syn
crseid		crseid
section		section
acs		acs
strt		strt
end	type	end
cred		cred
sectstat		sectstat
cap		cap
avai		
take		
cont		cont
facid		
facnm		
sectotdmo		
sectotdda		
sectotdyr		
occotdmo		
occotdda		
occotdyr		
gened1		gened1
gened2		gened2
gened3		gened3
gened4		gened4
gened5		gened5
gened6		gened6
gened7	student	gened7
gened8	studentin	gened8
gened9	studentout	gened9
gened10	credit	gened10
instmeth1	creditin	instmeth1
instmeth2	creditout	instmeth2
instmeth3	contact	instmeth3
dept1	contactin	dept1
dept2	contactout	dept2

```
*Dashboard Measure 22  Percent of credit sections that are complete.

*Open file (modify date portions of file path).
GET
  FILE='I:\Research Data\Student Information System\End of Year Summary'+
 ' File\Academic Year 0607\End of Session\Dashboard EOS\Course Summary'+
 ' Credit Terms 200607.sav'.

SORT CASES BY
  syn (A) .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Course Summary Credit
Terms'+
 ' 200607.sav'
 /KEEP = run term pref num loc syn crseid section sectstat facnm
 /COMPRESSED.

*Need to merge in 'student' and 'type' from Section Counts Credit Section AY0607 file.

GET
  FILE='I:\Research Data\Student Information System\End of Year Summary'+
 ' File\Academic Year 0607\End of Session\Dashboard EOS\Section Counts'+
 ' Credit Sections AY0607 (2).sav'.

SORT CASES BY
  syn (A) .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Section Counts '+
 ' Credit Sections AY0607 (2).sav'
 /KEEP =  run term pref num loc syn crseid section type sectstat student
 /COMPRESSED.

GET
  FILE='I:\Institutional Effectiveness\Institutional Dashboard by Measure\#22'+
 ' (Percent credit sections completed)\2006-07\Section Counts  Credit Sections'+
 ' AY0607 (2).sav'.

CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
```

```
  /CELLS= COUNT
  /COUNT ROUND CELL .


*Check for Active sections and no students.
*RSTR in Colleague can be used to determine why there are no students and still
Active.
USE ALL.
COMPUTE filter_$=(student = 0 & sectstat = 'A').
VARIABLE LABEL filter_$ "student = 0 & sectstat = 'A' (FILTER)".
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
FREQUENCIES
  VARIABLES=syn
  /ORDER=  ANALYSIS .

*For 0607 there were 4 sections with no students.
*The student had dropped the course in all 4 cases.
*Recode the sections as cancelled.

DO IF (syn = '029230') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029717') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '030212') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '033769') .
RECODE
  sectstat  ('A'='C')  .
END IF .

EXECUTE .

*Check H status to see if facnm = "CANCELLED"
```

```
USE ALL.
COMPUTE filter_$=(sectstat = 'H').
VARIABLE LABEL filter_$ "sectstat = 'H' (FILTER)".
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

*For 2006/07.
*1 status = "H" section was cancelled.
RECODE
  sectstat  ('H'='C')  .
EXECUTE .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Section Counts '+
 ' Credit Sections AY0607 (2).sav'
/DROP= filter_$
 /COMPRESSED.

*The 'student' variable is in the 'Section Count Credit Section' file and needs to be
merged into the Course Summary Credit Terms 200607 file.
*This will help to establish if a section is active but has no students enrolled.

GET
  FILE='I:\Institutional Effectiveness\Institutional Dashboard by Measure\#22'+
 ' (Percent credit sections completed)\2006-07\Course Summary Credit Terms'+
 ' 200607.sav'.

MATCH FILES /FILE=*
 /TABLE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Section Counts '+
 ' Credit Sections AY0607 (2).sav'
 /RENAME (crseid loc num pref run section sectstat term = d0 d1 d2 d3 d4 d5
  d6 d7)
 /BY syn
 /DROP= d0 d1 d2 d3 d4 d5 d6 d7.
EXECUTE.

*This needs to be repeated in the Course Summary file.
*For 0607 there were 4 sections with no students.
*The student had dropped the course in all 4 cases.
```

```
*Recode the sections as cancelled.

DO IF (syn = '029230') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029717') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '030212') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '033769') .
RECODE
  sectstat  ('A'='C')  .
END IF .

EXECUTE .

*This needs to be repeated for this file.
*Check H status to see if facnm = "CANCELLED"
USE ALL.
COMPUTE filter_$=(sectstat = 'H').
VARIABLE LABEL filter_$ "sectstat = 'H' (FILTER)".
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
FREQUENCIES
  VARIABLES=syn
  /ORDER=  ANALYSIS .

*For 2006/07 Course summary file.
*2 status = "H" sections were cancelled.
RECODE
  sectstat  ('H'='C')  .
EXECUTE .

FILTER OFF.
USE ALL.
```

```
EXECUTE .


CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .

*Since the 'Section Count file only contains sections with student count we need to
recode the missing to zero for the cancelled sections.
DO IF (sectstat = 'C') .
RECODE
  student  (SYSMIS=0)  .
END IF .
EXECUTE .

*Check file for missing values in student variable.
*These represent students included in the Course summary file but not in the Section
Count file.
CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .

*Looked up in Colleague missing types by syn.
*Section roosters can be looked up in RSTR.
*For 0607.
* 45 sections were found to be missing.
* 17 sections were for credit by EXAM.
* 28 sections contained no students in the section rooster and should be considered
cancelled.
*Those sections need to be recoded.

DO IF (syn = '033458') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '033831') .
RECODE
  type  (" "='EXM')  .
```

```
END IF .
DO IF (syn = '033869') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035004') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035471') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035800') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035841') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035928') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035962') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '037166') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038247') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038306') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038309') .
```

```
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038349') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038713') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038894') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '042057') .
RECODE
  type  (" "='EXM')  .
END IF .
EXECUTE .

FREQUENCIES
  VARIABLES=type
  /ORDER=  ANALYSIS.

*EXAM sections should not be included in the Total Sections offered.
FILTER OFF.
USE ALL.
SELECT IF(type ~= 'EXM').
EXECUTE .

CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .

*The remaining 28 sections were found to have no students in the Section Rooster.
*They will be assumed as sections offered but were not selected by any student.
*Therefore those sections will be coded as cancelled.

DO IF (syn = '026252') .
```

```
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '026524') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '027917') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028083') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028177') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028236') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028237') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028858') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029477') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029478') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029479') .
RECODE
  sectstat  ('A'='C')  .
```

```
END IF .
DO IF (syn = '029481') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029484') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029489') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029493') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029529') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '031656') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '031687') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '031689') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '032511') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '032548') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '032737') .
```

```
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '032752') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '033813') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '035033') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '035261') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '035580') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '035822') .
RECODE
  sectstat  ('A'='C')  .
END IF .

EXECUTE .

DO IF (sectstat = 'C') .
RECODE
  student  (SYSMIS=0)  .
END IF .
EXECUTE .

CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .
```

```
SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Course Summary'+
 ' Credit Terms 200607.sav'
 /COMPRESSED.
```

```
*Dashboard Measure 22  Percent of credit sections that are complete.

*Open file (modify date portions of file path).
GET
  FILE='I:\Research Data\Student Information System\End of Year Summary'+
 ' File\Academic Year 0607\End of Session\Dashboard EOS\Course Summary'+
 ' Credit Terms 200607.sav'.

SORT CASES BY
  syn (A) .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Course Summary Credit
Terms'+
 ' 200607.sav'
 /KEEP = run term pref num loc syn crseid section sectstat facnm
 /COMPRESSED.

*Need to merge in 'student' and 'type' from Section Counts Credit Section AY0607 file.

GET
  FILE='I:\Research Data\Student Information System\End of Year Summary'+
 ' File\Academic Year 0607\End of Session\Dashboard EOS\Section Counts'+
 ' Credit Sections AY0607 (2).sav'.

SORT CASES BY
  syn (A) .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Section Counts '+
 ' Credit Sections AY0607 (2).sav'
 /KEEP =  run term pref num loc syn crseid section type sectstat student
 /COMPRESSED.

GET
  FILE='I:\Institutional Effectiveness\Institutional Dashboard by Measure\#22'+
 ' (Percent credit sections completed)\2006-07\Section Counts  Credit Sections'+
 ' AY0607 (2).sav'.

CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
```

```
  /CELLS= COUNT
  /COUNT ROUND CELL .


*Check for Active sections and no students.
*RSTR in Colleague can be used to determine why there are no students and still
Active.
USE ALL.
COMPUTE filter_$=(student = 0 & sectstat = 'A').
VARIABLE LABEL filter_$ "student = 0 & sectstat = 'A' (FILTER)".
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
FREQUENCIES
  VARIABLES=syn
  /ORDER=  ANALYSIS .

*For 0607 there were 4 sections with no students.
*The student had dropped the course in all 4 cases.
*Recode the sections as cancelled.

DO IF (syn = '029230') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029717') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '030212') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '033769') .
RECODE
  sectstat  ('A'='C')  .
END IF .

EXECUTE .

*Check H status to see if facnm = "CANCELLED"
```

```
USE ALL.
COMPUTE filter_$=(sectstat = 'H').
VARIABLE LABEL filter_$ "sectstat = 'H' (FILTER)".
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

*For 2006/07.
*1 status = "H" section was cancelled.
RECODE
  sectstat ('H'='C') .
EXECUTE .

SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Section Counts '+
 ' Credit Sections AY0607 (2).sav'
/DROP= filter_$
 /COMPRESSED.

*The 'student' variable is in the 'Section Count Credit Section' file and needs to be
merged into the Course Summary Credit Terms 200607 file.
*This will help to establish if a section is active but has no students enrolled.

GET
  FILE='I:\Institutional Effectiveness\Institutional Dashboard by Measure\#22'+
 ' (Percent credit sections completed)\2006-07\Course Summary Credit Terms'+
 ' 200607.sav'.

MATCH FILES /FILE=*
 /TABLE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Section Counts '+
 ' Credit Sections AY0607 (2).sav'
 /RENAME (crseid loc num pref run section sectstat term = d0 d1 d2 d3 d4 d5
  d6 d7)
 /BY syn
 /DROP= d0 d1 d2 d3 d4 d5 d6 d7.
EXECUTE.

*This needs to be repeated in the Course Summary file.
*For 0607 there were 4 sections with no students.
*The student had dropped the course in all 4 cases.
```

```
*Recode the sections as cancelled.

DO IF (syn = '029230') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029717') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '030212') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '033769') .
RECODE
  sectstat  ('A'='C')  .
END IF .

EXECUTE .

*This needs to be repeated for this file.
*Check H status to see if facnm = "CANCELLED"
USE ALL.
COMPUTE filter_$=(sectstat = 'H').
VARIABLE LABEL filter_$ "sectstat = 'H' (FILTER)".
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
FREQUENCIES
  VARIABLES=syn
  /ORDER=  ANALYSIS .

*For 2006/07 Course summary file.
*2 status = "H" sections were cancelled.
RECODE
  sectstat  ('H'='C')  .
EXECUTE .

FILTER OFF.
USE ALL.
```

```
EXECUTE .


CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .

*Since the 'Section Count file only contains sections with student count we need to
recode the missing to zero for the cancelled sections.
DO IF (sectstat = 'C') .
RECODE
  student  (SYSMIS=0)  .
END IF .
EXECUTE .

*Check file for missing values in student variable.
*These represent students included in the Course summary file but not in the Section
Count file.
CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .

*Looked up in Colleague missing types by syn.
*Section roosters can be looked up in RSTR.
*For 0607.
* 45 sections were found to be missing.
* 17 sections were for credit by EXAM.
* 28 sections contained no students in the section rooster and should be considered
cancelled.
*Those sections need to be recoded.

DO IF (syn = '033458') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '033831') .
RECODE
  type  (" "='EXM')  .
```

```
END IF .
DO IF (syn = '033869') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035004') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035471') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035800') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035841') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035928') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '035962') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '037166') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038247') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038306') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038309') .
```

```
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038349') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038713') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '038894') .
RECODE
  type  (" "='EXM')  .
END IF .
DO IF (syn = '042057') .
RECODE
  type  (" "='EXM')  .
END IF .
EXECUTE .

FREQUENCIES
  VARIABLES=type
  /ORDER=  ANALYSIS.

*EXAM sections should not be included in the Total Sections offered.
FILTER OFF.
USE ALL.
SELECT IF(type ~= 'EXM').
EXECUTE .

CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .

*The remaining 28 sections were found to have no students in the Section Rooster.
*They will be assumed as sections offered but were not selected by any student.
*Therefore those sections will be coded as cancelled.

DO IF (syn = '026252') .
```

```
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '026524') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '027917') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028083') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028177') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028236') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028237') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '028858') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029477') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029478') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029479') .
RECODE
  sectstat  ('A'='C')  .
```

```
END IF .
DO IF (syn = '029481') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029484') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029489') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029493') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '029529') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '031656') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '031687') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '031689') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '032511') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '032548') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '032737') .
```

```
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '032752') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '033813') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '035033') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '035261') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '035580') .
RECODE
  sectstat  ('A'='C')  .
END IF .
DO IF (syn = '035822') .
RECODE
  sectstat  ('A'='C')  .
END IF .

EXECUTE .

DO IF (sectstat = 'C') .
RECODE
  student  (SYSMIS=0)  .
END IF .
EXECUTE .

CROSSTABS
  /TABLES=student  BY sectstat
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT
  /COUNT ROUND CELL .
```

```
SAVE OUTFILE='I:\Institutional Effectiveness\Institutional Dashboard by'+
 ' Measure\#22 (Percent credit sections completed)\2006-07\Course Summary'+
 ' Credit Terms 200607.sav'
 /COMPRESSED.
```

Course Synonym

Course Sum

ACT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	026252	No STUD 1	2.2	2.2	2.2
	026524	" 1	2.2	2.2	4.4
	027917	" 1	2.2	2.2	6.7
	028083	" 1	2.2	2.2	8.9
	028177	" 1	2.2	2.2	11.1
	028236	" 1	2.2	2.2	13.3
	028237	" 1	2.2	2.2	15.6
	028858	" 1	2.2	2.2	17.8
	029477	" 1	2.2	2.2	20.0
	029478	" 1	2.2	2.2	22.2
	029479	" 1	2.2	2.2	24.4
	029481	" 1	2.2	2.2	26.7
	029484	" 1	2.2	2.2	28.9
	029489	" 1	2.2	2.2	31.1
	029493	" 1	2.2	2.2	33.3
	029529	" 1	2.2	2.2	35.6
	031656	" 1	2.2	2.2	37.8
	031687	" 1	2.2	2.2	40.0
	031689	" 1	2.2	2.2	42.2
	032511	" 1	2.2	2.2	44.4
	032548	" 1	2.2	2.2	46.7
	032737	" 1	2.2	2.2	48.9
	032752	" 1	2.2	2.2	51.1
	033458	EXAM 1	2.2	2.2	53.3
	033813	No STD 1	2.2	2.2	55.6
	033831	EXAM 1	2.2	2.2	57.8
	033869	EXAM 1	2.2	2.2	60.0
	035004	EXAM 1	2.2	2.2	62.2
	035033	No STD 1	2.2	2.2	64.4
	035261	" 1	2.2	2.2	66.7
	035471	EXAM 1	2.2	2.2	68.9
	035580	NO STD 1	2.2	2.2	71.1
	035800	EXAM 1	2.2	2.2	73.3
	035822	No STD 1	2.2	2.2	75.6
	035841	EXAM 1	2.2	2.2	77.8
	035928	EXAM 1	2.2	2.2	80.0
	035962	EXAM 1	2.2	2.2	82.2
	037166	EXAM 1	2.2	2.2	84.4
	038247	EXAM 1	2.2	2.2	86.7
	038306	EXAM 1	2.2	2.2	88.9
	038309	EXAM 1	2.2	2.2	91.1
	038349	EXAM 1	2.2	2.2	93.3
	038713	EXAM 1	2.2	2.2	95.6
	038894	EXAM 1	2.2	2.2	97.8
	042057	EXAM 1	2.2	2.2	100.0
	Total	45	100.0	100.0	

042585?

029230 Fall 06 W
029717 Fall 06 W
030212 Fall 06 W
033769 W, 07 W

17 - EXAM
28 NO STD
45

031325 C 1/10/07
032235 C

Foster, Gail M

From: Brennan, Eileen M
Sent: Wednesday, September 26, 2007 2:25 PM
To: Wren, Stephanie D; Foster, Gail M; Fox, Eleanor S; Shirey, Erin; Showers, Nancy C; Tollon, Tammy J; Woods, Mark G
Subject: Dashboard Files

At long last, the dashboard files! They can be found as follows: I:\Research Data\Student Information System\End of Year Summary File\Academic Year 0607\End of Session\Dashboard EOS. The file consists of an Unduplicated Demographic file, a course summary file for credit sections, a course summary file for non-traditional sections, a section count file for credit terms, a section count file for non-traditional terms, a student course registration (a record for each course for which a student registered) file for credit terms, and a student course registration file for non-credit terms. A few helpful hints:

- I've tried to streamline the demographic file, mainly by getting rid of the detail on transfer colleges and previous OCC degrees. Not also that it includes credit and non-traditional student. If you need to view only credit students select cases where NonTrad ('Non-Traditional Student Only, no Credit Term registration') is not equal to 'X'. The status variable in the demo file is based on enrollment at any time during the year. Additionally, status is based on a transcripted grade or registration status of Add or New -- this is different from the official enrollment counts in which status is based on another computation. The status indicator in this file is consistent with what will be reported on ACS.
- Those using Non-Traditional files need to be aware that the course summary file includes sections not eligible for ACS counting (i.e., Career Development and EDJT), but that those sections are identified. However, the registration and demographic files do not include students registered in those sections.
- I have tried to retain the variable names from previous years as best as possible, but in streamlining or adding data may have adjusted variable names. Please consult the variable labels to see if the data is what you want.

Eileen Brennan
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