

J E S 2 J O B L O G

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17.24.32 JOB 128 IEF677I WARNING MESSAGE(S) FOR JOB VSTEST03 ISSUED
17.24.32 JOB 128 $HASP373 VSTEST03 STARTED - INIT 1 - CLASS A - SYS HMVS
17.24.32 JOB 128 IEF403I VSTEST03 - STARTED - TIME=17.24.32
17.24.32 JOB 128 CCI001C IDCAMS1 /IDCAMS /00:00:00.13/ /00000/1 /VSTEST03
17.24.32 JOB 128 CCI001C IEBDG1 /IEBDG /00:00:00.01/ /00000/1 /VSTEST03
17.24.32 JOB 128 CCI001C IEBDG2 /IEBDG /00:00:00.01/ /00000/1 /VSTEST03
17.24.32 JOB 128 CCI001C IEBDG3 /IEBDG /00:00:00.01/ /00000/1 /VSTEST03
17.24.32 JOB 128 CCI001C IDCAMS2 /IDCAMS /00:00:00.07/ /00000/1 /VSTEST03
17.24.32 JOB 128 IEC130I SYSPUNCH DD STATEMENT MISSING
17.24.32 JOB 128 IEC130I SYSPUNCH DD STATEMENT MISSING
17.24.32 JOB 128 CCI001C COB /IKFCBL00/00:00:00.11/ /00000/1 /VSTEST03
17.24.32 JOB 128 CCI001C LKED /IEWL /00:00:00.03/ /00000/1 /VSTEST03
17.24.33 JOB 128 CCI001C GO /PGM=*.DD/00:00:00.09/ /00000/1 /VSTEST03
17.24.33 JOB 128 IEF404I VSTEST03 - ENDED - TIME=17.24.33
17.24.33 JOB 128 $HASP395 VSTEST03 ENDED
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----- JES2 JOB STATISTICS -----

07 JUL 20 JOB EXECUTION DATE

524 CARDS READ

4,041 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.01 MINUTES EXECUTION TIME

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1 //VSTEST03 JOB 1,'VSAMIO IVP KSDSMULT ',CLASS=A,MSGCLASS=X, JOB 128
// REGION=4096K
***
*****
*** COBOL MODULE: KSDSMULT VSAM DATASET: VSTESTK1.CLUSTER (KSDS)
*** VSTESTK2.CLUSTER (KSDS)
*** VSTESTK3.CLUSTER (KSDS)
*** VSTESTK4.CLUSTER (KSDS)
***
*** ACCESSES 4 KSDS DATASETS SIMULTANEOUSLY - ASSUMES VSAM
*** DATASPACE DEFINED ON VOLUME PUB001!
*****
***
2 //IDCAMS1 EXEC PGM=IDCAMS,REGION=4096K
3 //SYSPRINT DD SYSOUT=*
4 //SYSIN DD *
***
*****
*** PREPARE DEPARTMENT TABLE DATA FOR LOADING INTO KSDS DATASET
*****
***
5 //IEBDG1 EXEC PGM=IEBDG,REGION=512K
6 //SYSPRINT DD DUMMY
7 //SYSIN DD *
8 //DEPTSEQ DD *
9 //DEPTWRK DD UNIT=SYSDA,DISP=(,PASS),SPACE=(TRK,(10,10)),
// DCB=(RECFM=FB,LRECL=32,BLKSIZE=320)
***
*****
*** PREPARE COURSE TABLE DATA FOR LOADING INTO KSDS DATASET
*****
***
10 //IEBDG2 EXEC PGM=IEBDG,REGION=512K
11 //SYSPRINT DD DUMMY
12 //SYSIN DD *
13 //CRSESEQ DD *
14 //CRSEWRK DD UNIT=SYSDA,DISP=(,PASS),SPACE=(TRK,(10,10)),
// DCB=(RECFM=FB,LRECL=56,BLKSIZE=5600)
***
*****
*** PREPARE SECTION TABLE DATA FOR LOADING INTO KSDS DATASET
*****
***
15 //IEBDG3 EXEC PGM=IEBDG,REGION=512K
16 //SYSPRINT DD DUMMY
17 //SYSIN DD *
18 //SECTSEQ DD *
19 //SECTWRK DD UNIT=SYSDA,DISP=(,PASS),SPACE=(TRK,(10,10)),
// DCB=(RECFM=FB,LRECL=17,BLKSIZE=340)
***
*****
*** LOAD VSAM TABLE DATASETS
*****
***
20 //IDCAMS2 EXEC PGM=IDCAMS,REGION=4096K
21 //DEPTWRK DD DSN=*.IEBDG1.DEPTWRK,DISP=(OLD,DELETE)
22 //CRSEWRK DD DSN=*.IEBDG2.CRSEWRK,DISP=(OLD,DELETE)
23 //SECTWRK DD DSN=*.IEBDG3.SECTWRK,DISP=(OLD,DELETE)
24 //SYSPRINT DD SYSOUT=A
25 //SYSIN DD *
***

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*****
*** ACCESS ALL 4 VSAM DATASETS SIMULTANEOUSLY TO PRINT REPORT
*****
***
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26 //COB EXEC COBUCLG,REGION.GO=1024K,CPARM1='LOAD,LIB,DMAP'
27 XXCOBUCLG PROC CPARM1='LOAD,SUPMAP', 100010000
XX CPARM2='SIZE=2048K,BUF=1024K' 00020000
28 XXCOB EXEC PGM=IKFCBL00,REGION=4096K, 00040001
XX PARM='&CPARM1,&CPARM2' 00050001
29 XXSTEPLIB DD DSN=SYSC.LINKLIB,DISP=SHR 00051001
30 XXSYSPRINT DD SYSOUT=* 00060000
31 XXSYSUT1 DD UNIT=SYSDA,SPACE=(460,(700,100)) 00070000
32 XXSYSUT2 DD UNIT=SYSDA,SPACE=(460,(700,100)) 00080000
33 XXSYSUT3 DD UNIT=SYSDA,SPACE=(460,(700,100)) 00090000
34 XXSYSUT4 DD UNIT=SYSDA,SPACE=(460,(700,100)) 00100000
35 XXSYSLIN DD DSN=&LOADSET,DISP=(MOD,PASS),UNIT=SYSDA, 00110000
XX SPACE=(80,(500,100)) 00120000
36 //COB.SYSLIB DD DSN=SYSC.VSAMIO.SOURCE,DISP=SHR
37 //COB.SYSIN DD DSN=SYSC.VSAMIO.SOURCE(KSDSMULT),DISP=SHR
38 XXLKED EXEC PGM=IEWL,PARM='LIST,XREF,LET',COND=(5,LT,COB),REGION=96K 00130000
39 XXSYSLIN DD DSN=&LOADSET,DISP=(OLD,DELETE) 00140000
40 XX DD DDNAME=SYSIN 00150000
41 XXSYSLMOD DD DSN=&GODATA(RUN),DISP=(NEW,PASS),UNIT=SYSDA, 00160000
XX SPACE=(1024,(50,20,1)) 00170000
42 //LKED.SYSLIB DD
X/SYSLIB DD DSN=SYSC.COBLIB,DISP=SHR 00180000
43 // DD DSN=SYSC.LINKLIB,DISP=SHR
44 XXSYSUT1 DD UNIT=SYSDA,SPACE=(1024,(50,20)) 00190000
45 XXSYSPRINT DD SYSOUT=* 00200000
46 XXGO EXEC PGM=*.LKED.SYSLMOD,COND=((5,LT,COB),(5,LT,LKED)) 00210000
47 //GO.SYSOUT DD SYSOUT=*
48 //GO.SYSUDUMP DD SYSOUT=*
49 //GO.STMASTR DD DSN=PUB001.VSTESTK1.CLUSTER,DISP=SHR
50 //GO.DEPTTBL DD DSN=PUB001.VSTESTK2.CLUSTER,DISP=SHR
51 //GO.CRSETBL DD DSN=PUB001.VSTESTK3.CLUSTER,DISP=SHR
52 //GO.SECTTBL DD DSN=PUB001.VSTESTK4.CLUSTER,DISP=SHR
53 //GO.SYSPRINT DD SYSOUT=*
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STMT NO. MESSAGE

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28 IEF653I SUBSTITUTION JCL - PARM='LOAD,LIB,DMAP,SIZE=2048K,BUF=1024K'
46 IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
IEF236I ALLOC. FOR VSTEST03 IDCAMS1
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSIN
IEF237I 190 ALLOCATED TO SYS00001
IEF142I VSTEST03 IDCAMS1 - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB00128.S00109 SYSOUT
IEF285I JES2.JOB00128.SI0101 SYSIN
IEF285I UCPUB001 KEPT *-----0
IEF285I VOL SER NOS= PUB001.
IEF373I STEP /IDCAMS1 / START 20189.1724
IEF374I STEP /IDCAMS1 / STOP 20189.1724 CPU OMIN 00.13SEC SRB OMIN 00.01SEC VIRT 284K SYS 248K
**** JOBCARD READ 20189 17:24:32 ****
* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS *
* STEP NAME IDCAMS1 USER CORE 284K TAPES USED/IO 000/000000000 START TIME 17:24:32 TCB TIME 00:00:00.13 *
* PGM NAME IDCAMS SYSTEM CORE 248K DISKS USED/IO 001/000000000 STOP TIME 17:24:32 SRB TIME 00:00:00.01 *
* COND CODE 0000 PRIVATE AREA SZ 4096K ALLOC TIME 17:24:32 ELAPSED TIME PGM LOAD 17:24:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004 109 00:00:00.16 0 0 0 0 0 0 0 0 *
*****
* CPU $ ( 0.04) + EXCP $ ( 0.00) + MEMORY $ ( 0.10) = TOTAL $ ( 0.14) *
*****
IEF236I ALLOC. FOR VSTEST03 IEBDG1
IEF237I DMY ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSIN
IEF237I JES2 ALLOCATED TO DEPTSEQ
IEF237I 380 ALLOCATED TO DEPTWRK
IEF142I VSTEST03 IEBDG1 - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB00128.SI0102 SYSIN
IEF285I JES2.JOB00128.SI0103 SYSIN
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000001 PASSED *-----2
IEF285I VOL SER NOS= MVS380.
IEF373I STEP /IEBDG1 / START 20189.1724
IEF374I STEP /IEBDG1 / STOP 20189.1724 CPU OMIN 00.01SEC SRB OMIN 00.00SEC VIRT 20K SYS 188K
*****
* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS *
* STEP NAME IEBDG1 USER CORE 20K TAPES USED/IO 000/000000000 START TIME 17:24:32 TCB TIME 00:00:00.01 *
* PGM NAME IEBDG SYSTEM CORE 188K DISKS USED/IO 001/000000002 STOP TIME 17:24:32 SRB TIME 00:00:00.00 *
* COND CODE 0000 PRIVATE AREA SZ 4096K ALLOC TIME 17:24:32 ELAPSED TIME PGM LOAD 17:24:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004 24 00:00:00.01 0 0 0 0 0 0 0 0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.00) + MEMORY $ ( 0.00) = TOTAL $ ( 0.00) *
*****
IEF236I ALLOC. FOR VSTEST03 IEBDG2
IEF237I DMY ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSIN
IEF237I JES2 ALLOCATED TO CRSESEQ
IEF237I 251 ALLOCATED TO CRSEWRK
IEF142I VSTEST03 IEBDG2 - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB00128.SI0104 SYSIN
IEF285I JES2.JOB00128.SI0105 SYSIN
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000002 PASSED *-----2
IEF285I VOL SER NOS= WORK00.
IEF373I STEP /IEBDG2 / START 20189.1724
IEF374I STEP /IEBDG2 / STOP 20189.1724 CPU OMIN 00.01SEC SRB OMIN 00.00SEC VIRT 48K SYS 188K
*****
* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS *

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* STEP NAME IEBDG2      USER CORE          48K  TAPES USED/IO 000/000000000  START TIME 17:24:32  TCB TIME 00:00:00.01 *
* PGM NAME IEBDG      SYSTEM CORE          188K  DISKS USED/IO 001/000000002  STOP TIME 17:24:32  SRB TIME 00:00:00.00 *
* COND CODE 0000      PRIVATE AREA SZ 4096K  ALLOC TIME 17:24:32  ELAPSED TIME  PGM LOAD 17:24:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      29 00:00:00.01 0 0 0 0 0 0 0 0 0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.00) + MEMORY $ ( 0.00) = TOTAL $ ( 0.00)
*****
IEF236I ALLOC. FOR VSTEST03 IEBDG3
IEF237I DMY ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSIN
IEF237I JES2 ALLOCATED TO SECTSEQ
IEF237I 380 ALLOCATED TO SECTWRK
IEF142I VSTEST03 IEBDG3 - STEP WAS EXECUTED - COND CODE 0000
IEF285I JES2.JOB00128.SI0106 SYSIN
IEF285I JES2.JOB00128.SI0107 SYSIN
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000003 PASSED *-----12
IEF285I VOL SER NOS= MVS380.
IEF373I STEP /IEBDG3 / START 20189.1724
IEF374I STEP /IEBDG3 / STOP 20189.1724 CPU 0MIN 00.01SEC SRB 0MIN 00.00SEC VIRT 20K SYS 192K
*****
* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS
* STEP NAME IEBDG3      USER CORE          20K  TAPES USED/IO 000/000000000  START TIME 17:24:32  TCB TIME 00:00:00.01 *
* PGM NAME IEBDG      SYSTEM CORE          192K  DISKS USED/IO 001/000000012  STOP TIME 17:24:32  SRB TIME 00:00:00.00 *
* COND CODE 0000      PRIVATE AREA SZ 4096K  ALLOC TIME 17:24:32  ELAPSED TIME  PGM LOAD 17:24:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      80 00:00:00.01 0 0 0 0 0 0 0 0 0 *
*****
* CPU $ ( 0.00) + EXCP $ ( 0.01) + MEMORY $ ( 0.00) = TOTAL $ ( 0.01)
*****
IEF236I ALLOC. FOR VSTEST03 IDCAMS2
IEF237I 380 ALLOCATED TO DEPTWRK
IEF237I 251 ALLOCATED TO CRSEWRK
IEF237I 380 ALLOCATED TO SECTWRK
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSIN
IEF237I 190 ALLOCATED TO SYS00003
IEF237I 190 ALLOCATED TO SYS00002
IEF285I PUB001.VSTESTK2.CLUSTER KEPT *-----5
IEF285I VOL SER NOS= PUB001.
IEF237I 190 ALLOCATED TO SYS00004
IEF285I PUB001.VSTESTK3.CLUSTER KEPT *-----5
IEF285I VOL SER NOS= PUB001.
IEF237I 190 ALLOCATED TO SYS00005
IEF285I PUB001.VSTESTK4.CLUSTER KEPT *-----5
IEF285I VOL SER NOS= PUB001.
IEF142I VSTEST03 IDCAMS2 - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000001 DELETED *-----3
IEF285I VOL SER NOS= MVS380.
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000002 DELETED *-----3
IEF285I VOL SER NOS= WORK00.
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000003 DELETED *-----13
IEF285I VOL SER NOS= MVS380.
IEF285I JES2.JOB00128.SO0110 SYSOUT
IEF285I JES2.JOB00128.SI0108 SYSIN
IEF285I UCPUB001 KEPT *-----0
IEF285I VOL SER NOS= PUB001.
IEF373I STEP /IDCAMS2 / START 20189.1724
IEF374I STEP /IDCAMS2 / STOP 20189.1724 CPU 0MIN 00.07SEC SRB 0MIN 00.01SEC VIRT 280K SYS 252K
*****
* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS

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* STEP NAME IDCAMS2      USER CORE          280K  TAPES USED/IO 000/000000000  START TIME 17:24:32  TCB TIME 00:00:00.07 *
* PGM NAME  IDCAMS      SYSTEM CORE          252K  DISKS USED/IO 003/000000019  STOP  TIME 17:24:32  SRB TIME 00:00:00.01 *
* COND CODE 0000      PRIVATE AREA SZ 4096K  ALLOC TIME 17:24:32  ELAPSED TIME          PGM LOAD 17:24:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      231      00:00:00.08          0          0          0          0          0          0          0          0          0 *
*****
* CPU $ ( 0.02) + EXCP $ ( 0.02) + MEMORY $ ( 0.05) = TOTAL $ ( 0.09) *
*****
IEF236I ALLOC. FOR VSTEST03 COB COB
IEF237I 253 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO SYS00227
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 380 ALLOCATED TO SYSUT1
IEF237I 251 ALLOCATED TO SYSUT2
IEF237I 370 ALLOCATED TO SYSUT3
IEF237I 252 ALLOCATED TO SYSUT4
IEF237I 252 ALLOCATED TO SYSLIN
IEF237I 253 ALLOCATED TO SYSLIB
IEF237I 253 ALLOCATED TO SYSIN
IEC130I SYSPUNCH DD STATEMENT MISSING
IEC130I SYSPUNCH DD STATEMENT MISSING
IEF142I VSTEST03 COB COB - STEP WAS EXECUTED - COND CODE 0000
IEF285I SYSC.LINKLIB KEPT *-----0
IEF285I VOL SER NOS= SYSCP.
IEF285I UCSYSCP. KEPT *-----0
IEF285I VOL SER NOS= SYSCP.
IEF285I JES2.JOB00128.S00111 SYSOUT
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000004 DELETED *-----6
IEF285I VOL SER NOS= MVS380.
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000005 DELETED *-----6
IEF285I VOL SER NOS= WORK00.
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000006 DELETED *-----9
IEF285I VOL SER NOS= MVS370.
IEF285I SYS20189.T172432.RA000.VSTEST03.R0000007 DELETED *-----8
IEF285I VOL SER NOS= WORK01.
IEF285I SYS20189.T172432.RA000.VSTEST03.LOADSET PASSED *-----158
IEF285I VOL SER NOS= WORK01.
IEF285I SYSC.VSAMIO.SOURCE KEPT *-----15
IEF285I VOL SER NOS= SYSCP.
IEF285I SYSC.VSAMIO.SOURCE KEPT *-----5
IEF285I VOL SER NOS= SYSCP.
IEF373I STEP /COB / START 20189.1724
IEF374I STEP /COB / STOP 20189.1724 CPU 0MIN 00.11SEC SRB 0MIN 00.02SEC VIRT 2076K SYS 236K
*****
* PRC-CCI 370/148 VS2 R03.8 HMVS STEP STATISTICS *
* STEP NAME COB USER CORE 2076K TAPES USED/IO 000/000000000 START TIME 17:24:32 TCB TIME 00:00:00.11 *
* PGM NAME IKFCBL00 SYSTEM CORE 236K DISKS USED/IO 005/000000207 STOP TIME 17:24:32 SRB TIME 00:00:00.02 *
* COND CODE 0000 PRIVATE AREA SZ 4096K ALLOC TIME 17:24:32 ELAPSED TIME PGM LOAD 17:24:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004 1239 00:00:00.14 0 0 0 0 0 0 *
*****
* CPU $ ( 0.03) + EXCP $ ( 0.27) + MEMORY $ ( 0.65) = TOTAL $ ( 0.95) *
*****
IEF236I ALLOC. FOR VSTEST03 LKED COB
IEF237I 252 ALLOCATED TO SYSLIN
IEF237I DMY ALLOCATED TO
IEF237I 380 ALLOCATED TO SYSLMOD
IEF237I 253 ALLOCATED TO SYSLIB
IEF237I 253 ALLOCATED TO
IEF237I 253 ALLOCATED TO SYS00229
IEF237I 370 ALLOCATED TO SYSUT1

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IEF237I JES2 ALLOCATED TO SYSPRINT
IEF142I VSTEST03 LKED COB - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20189.T172432.RA000.VSTEST03.LOADSET      DELETED      *-----159
IEF285I   VOL SER NOS= WORK01.
IEF285I   SYS20189.T172432.RA000.VSTEST03.GODATA      PASSED        *-----12
IEF285I   VOL SER NOS= MVS380.
IEF285I   SYSC.COBLIB                                  KEPT          *-----37
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   SYSC.LINKLIB                                  KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   UCSYSCPK                                    KEPT          *-----0
IEF285I   VOL SER NOS= SYSCPK.
IEF285I   SYS20189.T172432.RA000.VSTEST03.R0000008    DELETED      *-----0
IEF285I   VOL SER NOS= MVS370.
IEF285I   JES2.JOB00128.S00112                        SYSOUT
IEF373I STEP /LKED      / START 20189.1724
IEF374I STEP /LKED      / STOP  20189.1724 CPU      0MIN 00.03SEC SRB      0MIN 00.01SEC VIRT    260K SYS    180K
*****
*                                     PRC-CCI 370/148 VS2 R03.8  HMVS  STEP STATISTICS                                     *
* STEP NAME  LKED      USER CORE      260K  TAPES USED/IO 000/000000000  START  TIME 17:24:32  TCB TIME 00:00:00.03 *
* PGM NAME   IEWL      SYSTEM CORE    180K  DISKS USED/IO 004/000000208  STOP   TIME 17:24:32  SRB TIME 00:00:00.01 *
* COND CODE  0000     PRIVATE AREA SZ 4096K  ALLOC TIME 17:24:32  ELAPSED TIME          PGM LOAD 17:24:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
* 004      1072  00:00:00.03          0          0          0          0          0          0          0          0          0 *
*****
* CPU $ ( 0.01) + EXCP $ ( 0.28) + MEMORY $ ( 0.02) = TOTAL $ ( 0.31)                                     *
*****
IEF236I ALLOC. FOR VSTEST03 GO COB
IEF237I 380 ALLOCATED TO PGM=*.DD
IEF237I JES2 ALLOCATED TO SYSOUT
IEF237I JES2 ALLOCATED TO SYSUDUMP
IEF237I 190 ALLOCATED TO STMASTR
IEF237I 190 ALLOCATED TO SYS00231
IEF237I 190 ALLOCATED TO DEPTTBL
IEF237I 190 ALLOCATED TO CRSETBL
IEF237I 190 ALLOCATED TO SECTTBL
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF142I VSTEST03 GO COB - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20189.T172432.RA000.VSTEST03.GODATA      KEPT          *-----0
IEF285I   VOL SER NOS= MVS380.
IEF285I   JES2.JOB00128.S00113                        SYSOUT
IEF285I   JES2.JOB00128.S00114                        SYSOUT
IEF285I   PUB001.VSTESTK1.CLUSTER                     KEPT          *-----34
IEF285I   VOL SER NOS= PUB001.
IEF285I   UCPUB001                                    KEPT          *-----0
IEF285I   VOL SER NOS= PUB001.
IEF285I   PUB001.VSTESTK2.CLUSTER                     KEPT          *-----2
IEF285I   VOL SER NOS= PUB001.
IEF285I   PUB001.VSTESTK3.CLUSTER                     KEPT          *-----2
IEF285I   VOL SER NOS= PUB001.
IEF285I   PUB001.VSTESTK4.CLUSTER                     KEPT          *-----2
IEF285I   VOL SER NOS= PUB001.
IEF285I   JES2.JOB00128.S00115                        SYSOUT
IEF373I STEP /GO      / START 20189.1724
IEF374I STEP /GO      / STOP  20189.1724 CPU      0MIN 00.09SEC SRB      0MIN 00.00SEC VIRT    196K SYS    196K
*****
*                                     PRC-CCI 370/148 VS2 R03.8  HMVS  STEP STATISTICS                                     *
* STEP NAME  GO      USER CORE      196K  TAPES USED/IO 000/000000000  START  TIME 17:24:32  TCB TIME 00:00:00.09 *
* PGM NAME   PGM=*.DD  SYSTEM CORE    196K  DISKS USED/IO 002/000000040  STOP   TIME 17:24:33  SRB TIME 00:00:00.00 *
* COND CODE  0000     PRIVATE AREA SZ 4096K  ALLOC TIME 17:24:32  ELAPSED TIME          PGM LOAD 17:24:32 *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **

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* 004          380  00:00:00.10          0          0          0          0          0          0          0          0 *
*****
* CPU $ (    0.03) + EXCP $ (    0.05) + MEMORY $ (    0.05) = TOTAL $ (    0.13) *
*****
IEF237I 380  ALLOCATED TO SYS00006
IEF285I  SYS20189.T172433.RA000.VSTEST03.R0000006      KEPT          *-----0
IEF285I  VOL SER NOS= MVS380.
IEF285I  SYS20189.T172432.RA000.VSTEST03.GODATA      DELETED
IEF285I  VOL SER NOS= MVS380.
IEF375I  JOB /VSTEST03/ START 20189.1724
IEF376I  JOB /VSTEST03/ STOP 20189.1724 CPU      0MIN 00.46SEC SRB      0MIN 00.05SEC
```



```
/* DELETE EXISTING DEPARTMENT TABLE CLUSTER, COURSE TABLE */  
/* CLUSTER, AND SECTION TABLE CLUSTER */
```

```
DELETE PUB001.VSTESTK2.CLUSTER CLUSTER PURGE
```

```
IDC0550I ENTRY (D) PUB001.VSTESTK2.DATA DELETED
```

```
IDC0550I ENTRY (I) PUB001.VSTESTK2.INDEX DELETED
```

```
IDC0550I ENTRY (C) PUB001.VSTESTK2.CLUSTER DELETED
```

```
IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0
```

```
DELETE PUB001.VSTESTK3.CLUSTER CLUSTER PURGE
```

```
IDC0550I ENTRY (D) PUB001.VSTESTK3.DATA DELETED
```

```
IDC0550I ENTRY (I) PUB001.VSTESTK3.INDEX DELETED
```

```
IDC0550I ENTRY (C) PUB001.VSTESTK3.CLUSTER DELETED
```

```
IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0
```

```
DELETE PUB001.VSTESTK4.CLUSTER CLUSTER PURGE
```

```
IDC0550I ENTRY (D) PUB001.VSTESTK4.DATA DELETED
```

```
IDC0550I ENTRY (I) PUB001.VSTESTK4.INDEX DELETED
```

```
IDC0550I ENTRY (C) PUB001.VSTESTK4.CLUSTER DELETED
```

```
IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0
```

```
/* IF NO CLUSTERS EXISTED TO DELETE, RESET CC */
```

```
IF MAXCC = 8 THEN
```

```
DO
```

```
    SET LASTCC = 0
```

```
    SET MAXCC = 0
```

END

```
/* DEFINE KSDS CLUSTER FOR DEPARTMENT TABLE          */
```

```
DEFINE CLUSTER (                                     -  
  NAME ( PUB001.VSTESTK2.CLUSTER                   ) -  
  VOLUMES ( PUB001 )                               -  
  RECORDSIZE ( 32 32 )                             -  
  RECORDS( 20 10 )                                  -  
  KEYS ( 2 0 )                                       -  
  INDEXED                                           -  
  )                                                 -  
  DATA (                                           -  
  NAME ( PUB001.VSTESTK2.DATA                       ) -  
  )                                                 -  
  INDEX (                                           -  
  NAME ( PUB001.VSTESTK2.INDEX                      ) -  
  )
```

IDC0508I DATA ALLOCATION STATUS FOR VOLUME PUB001 IS 0

IDC0509I INDEX ALLOCATION STATUS FOR VOLUME PUB001 IS 0

IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0

```
/* DEFINE KSDS CLUSTER FOR COURSE TABLE              */
```

```
DEFINE CLUSTER (                                     -  
  NAME ( PUB001.VSTESTK3.CLUSTER                   ) -  
  VOLUMES ( PUB001 )                               -  
  RECORDSIZE ( 56 56 )                             -  
  RECORDS( 120 10 )                                 -  
  KEYS ( 5 0 )                                       -  
  INDEXED                                           -  
  )                                                 -  
  DATA (                                           -  
  NAME ( PUB001.VSTESTK3.DATA                       ) -  
  )                                                 -  
  INDEX (                                           -  
  NAME ( PUB001.VSTESTK3.INDEX                      ) -  
  )
```

IDC0508I DATA ALLOCATION STATUS FOR VOLUME PUB001 IS 0

IDC0509I INDEX ALLOCATION STATUS FOR VOLUME PUB001 IS 0

IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0

```
/* DEFINE KSDS CLUSTER FOR SECTION TABLE          */
```

```
DEFINE CLUSTER (                                     -  
  NAME ( PUB001.VSTESTK4.CLUSTER                   ) -  
  VOLUMES ( PUB001 )                               -  
  RECORDSIZE ( 17 17 )                             -  
  RECORDS( 230 10 )                                -  
  KEYS ( 6 0 )                                      -  
  INDEXED                                           -  
  )                                                 -  
  DATA (                                           -  
  NAME ( PUB001.VSTESTK4.DATA                       ) -  
  )                                                 -  
  INDEX (                                           -  
  NAME ( PUB001.VSTESTK4.INDEX                      ) -  
  )
```

IDC0508I DATA ALLOCATION STATUS FOR VOLUME PUB001 IS 0

IDC0509I INDEX ALLOCATION STATUS FOR VOLUME PUB001 IS 0

IDC0001I FUNCTION COMPLETED, HIGHEST CONDITION CODE WAS 0

IDC0002I IDCAMS PROCESSING COMPLETE. MAXIMUM CONDITION CODE WAS 0

1

```

00001 000100 IDENTIFICATION DIVISION. 17920000
00002 000200 PROGRAM-ID. KSDSMULT 17930000
00003 000300 AUTHOR. JAY MOSELEY. 17940000
00004 000400 DATE-WRITTEN. NOVEMBER, 2001. 17950000
00005 000500 DATE-COMPILED. JUL 7,1920. 17960000
00006 001200 ENVIRONMENT DIVISION. 18030000
00007 001300 CONFIGURATION SECTION. 18040000
00008 001400 SOURCE-COMPUTER. IBM-370. 18050000
00009 001500 OBJECT-COMPUTER. IBM-370. 18060000
00010 001600 18070000
00011 001700 INPUT-OUTPUT SECTION. 18080000
00012 001800 FILE-CONTROL. 18090000
00013 001900 18100000
00014 002000 SELECT REPORT-FILE 18110000
00015 002100 ASSIGN TO UR-1403-S-SYSPRINT. 18120000
00016 002200 18130000
00017 002300 DATA DIVISION. 18140000
00018 002400 FILE SECTION. 18150000
00019 002500 FD REPORT-FILE 18160000
00020 002600 LABEL RECORDS ARE OMITTED 18170000
00021 002700 BLOCK CONTAINS 0 RECORDS 18180000
00022 002800 REPORT IS STUDENT-REPORT. 18190000
00023 002900 18200000
00024 003000 WORKING-STORAGE SECTION. 18210000
00025 003100 18220000
00026 003200 01 REPORTING-FIELDS. 18230000
00027 003300 02 WS-GENDER PIC X(06). 18240000
00028 003400 18250000
00029 003500 01 VSIO-PARAMETER-VALUES COPY VSAMIO. 18260000
00030 C 000100* ***** *06980000
00031 C 000200* *06990000
00032 C 000300* VV VV SSSSS A M M IIII OOOO *07000000
00033 C 000400* VV VV SS SS AAA MM MM II OO OO *07010000
00034 C 000500* VV VV SS AA AA MMM MMM II OO OO *07020000
00035 C 000600* VV VV SSSSS AA AA MMMMMMMM II OO OO *07030000
00036 C 000700* VV VV SS AA AA MM M MM II OO OO *07040000
00037 C 000800* VV VV SS SS AAAAAA MM MM II OO OO *07050000
00038 C 000900* VVV SS SS AA AA MM MM II OO OO *07060000
00039 C 001000* V SSSSS AA AA MM MM IIII OOOO *07070000
00040 C 001100* *07080000
00041 C 001200* ***** *07090000
00042 C 001300* *07100000
00043 C 001400* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *07110000
00044 C 001500* ACCESS ROUTINE. *07120000
00045 C 001600* *07130000
00046 C 001700* THE VSIO-PARAMETER-VALUES SUPPLY THE VALUES USED TO MOVE INTO *07140000
00047 C 001800* PARAMETER ENTRIES TO TAILOR THE ROUTINE TO A SPECIFIC DATASET *07150000
00048 C 001900* AND TO PROVIDE COMMANDS TO DRIVE THE ROUTINE. *07160000
00049 C 002000* ***** *07170000
00050 C 002100 01 VSIO-PARAMETER-VALUES. 07180000
00051 C 002200 02 VSIO-OPEN PIC X(08) VALUE 'OPEN ' . 07190000
00052 C 002300 02 VSIO-CLOSE PIC X(08) VALUE 'CLOSE ' . 07200000
00053 C 002400 02 VSIO-READ PIC X(08) VALUE 'READ ' . 07210000
00054 C 002500 02 VSIO-WRITE PIC X(08) VALUE 'WRITE ' . 07220000
    
```

```

00055 C 002600      02 VSIO-REWRITE          PIC X(08) VALUE 'REWRITE ' . 07230000
00056 C 002700      02 VSIO-DELETE          PIC X(08) VALUE 'DELETE ' . 07240000
00057 C 002800      02 VSIO-START-KEY-EQUAL PIC X(08) VALUE 'STARTEQ ' . 07250000
00058 C 002900      02 VSIO-START-KEY-NOTLESS PIC X(08) VALUE 'STARTGE ' . 07260000
00059 C 003000      02 VSIO-KSDS            PIC X(04) VALUE 'KSDS' . 07270000
00060 C 003100      02 VSIO-ESDS            PIC X(04) VALUE 'ESDS' . 07280000
00061 C 003200      02 VSIO-RRDS            PIC X(04) VALUE 'RRDS' . 07290000
00062 C 003300      02 VSIO-SEQUENTIAL      PIC X(10) VALUE 'SEQUENTIAL' . 07300000
00063 C 003400      02 VSIO-DIRECT          PIC X(10) VALUE 'DIRECT ' . 07310000
00064 C 003500      02 VSIO-DYNAMIC         PIC X(10) VALUE 'DYNAMIC ' . 07320000
00065 C 003600      02 VSIO-INPUT           PIC X(06) VALUE 'INPUT ' . 07330000
00066 C 003700      02 VSIO-OUTPUT          PIC X(06) VALUE 'OUTPUT' . 07340000
00067 C 003800      02 VSIO-INPUT-OUTPUT    PIC X(06) VALUE 'UPDATE' . 07350000
00068 C 003900      07360000
00069 C 004000* ***** *07370000
00070 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00071 C 004200* THE ROUTINE. *07390000
00072 C 004300* ***** *07400000
00073 C 004400 01 VSIO-PARAMETER-BLOCK. 07410000
00074 C 004500      02 VSIO-COMMAND          PIC X(08). 07420000
00075 C 004600      02 VSIO-RETURN-CODE      PIC S9(04) COMP. 07430000
00076 C 004700      88 VSIO-SUCCESS          VALUE +0. 07440000
00077 C 004800      88 VSIO-LOGIC-ERROR      VALUE +8. 07450000
00078 C 004900      88 VSIO-END-OF-FILE      VALUE +9999. 07460000
00079 C 005000      88 VSIO-PARAMETER-ERROR  VALUE +20 THRU +28. 07470000
00080 C 005100      88 VSIO-COMMAND-UNKNOWN  VALUE +20. 07480000
00081 C 005200      88 VSIO-DATASET-ALREADY-OPEN VALUE +21. 07490000
00082 C 005300      88 VSIO-DATASET-NOT-OPEN  VALUE +22. 07500000
00083 C 005400      88 VSIO-ORGANIZATION-KEYWORD VALUE +23. 07510000
00084 C 005500      88 VSIO-ACCESS-KEYWORD   VALUE +24. 07520000
00085 C 005600      88 VSIO-ACCESS-UNSUPPORTED VALUE +25. 07530000
00086 C 005700      88 VSIO-MODE-KEYWORD     VALUE +26. 07540000
00087 C 005800      88 VSIO-MODE-UNSUPPORTED  VALUE +27. 07550000
00088 C 005900      88 VSIO-DDNAME-BLANK     VALUE +28. 07560000
00089 C 006000      02 VSIO-VSAM-RETURN-CODE  PIC S9(04) COMP. 07570000
00090 C 006100      02 VSIO-VSAM-FUNCTION-CODE PIC S9(04) COMP. 07580000
00091 C 006200      02 VSIO-VSAM-FEEDBACK-CODE PIC S9(04) COMP. 07590000
00092 C 006300      88 VSIO-DUPLICATE-RECORD  VALUE +8. 07600000
00093 C 006400      88 VSIO-SEQUENCE-ERROR    VALUE +12. 07610000
00094 C 006500      88 VSIO-RECORD-NOT-FOUND  VALUE +16. 07620000
00095 C 006600      88 VSIO-NO-MORE-SPACE     VALUE +28. 07630000
00096 C 006700      88 VSIO-READ-WITHOUT-START VALUE +88. 07640000
00097 C 006800* ***** *07650000
00098 C 006900* END OF VSAMIO COPY BOOK *07660000
00099 C 007000* ***** *07670000
00100      003600 18270000
00101      003700* ***** *18280000
00102      003800* COMMUNICATION TO VSAMIO FOR STUDENT MASTER DATASET *18290000
00103      003900* ***** *18300000
00104      004000 01 STUDENT-MASTER-FILE COPY VSAMIOFB. 18310000
00105 C 000100* ***** *00000100
00106 C 000200* ***** *00000200
00107 C 000300* VV VV SSSSS A M M IIII OOOO FFFFFFFF BBBB *00000300
00108 C 000400* VV VV SS SS AAA MM MM II OO OO FF BB BB *00000400
00109 C 000500* VV VV SS AA AA MMM MMM II OO OO FF BB BB *00000500
00110 C 000600* VV VV SSSSS AA AA MMMMMMMM II OO OO FFFFF BBBB *00000600
00111 C 000700* VV VV SS AA AA MM M MM II OO OO FF BB BB *00000700

```

```

00112 C 000800*   VV VV  SS   SS AAAAAA MM   MM  II  OO   OO FF   BB   BB *00000800
00113 C 000900*   VVV  SS   SS AA   AA MM   MM  II  OO   OO FF   BB   BB *00000900
00114 C 001000*   V    SSSSS AA   AA MM   MM IIII  OOOO  FF   BBBB   *00001000
00115 C 001100*                                     *00001100
00116 C 001200* ***** *00001200
00117 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00118 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00119 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00120 C 001600*                                     *00001600
00121 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700
00122 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00123 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00124 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00125 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED. *00002100
00126 C 002200* ***** *00002200
00127 C 002300 01  STUDENT-MASTER-FILE. *00002300
00128 C 002400   02  VSIO-DDNAME          PIC  X(08)  VALUE SPACES. *00002400
00129 C 002500   02  VSIO-ORGANIZATION  PIC  X(04)  VALUE SPACES. *00002500
00130 C 002600   02  VSIO-ACCESS          PIC  X(10)  VALUE SPACES. *00002600
00131 C 002700   02  VSIO-MODE            PIC  X(06)  VALUE SPACES. *00002700
00132 C 002800   02  VSIO-RECORD-LENGTH  PIC  S9(04)  COMP VALUE +0. *00002800
00133 C 002900   02  VSIO-KEY-ARGUMENT. *00002900
00134 C 003000   03  VSIO-KEY-POSITION  PIC  S9(04)  COMP VALUE +0. *00003000
00135 C 003100   03  VSIO-KEY-LENGTH  PIC  S9(04)  COMP VALUE +0. *00003100
00136 C 003200   02  VSIO-RELATIVE-RECORD  REDEFINES VSIO-KEY-ARGUMENT *00003200
00137 C 003300   PIC  S9(08)  COMP. *00003300
00138 C 003400   02  FILLER                PIC  X(01)  VALUE 'C'. *00003400
00139 C 003500   88  VSIO-FILE-OPEN          VALUE 'O'. *00003500
00140 C 003600   88  VSIO-FILE-CLOSED      VALUE 'C'. *00003600
00141 C 003700   02  FILLER                PIC  X(161). *00003700
00142 C 003800* ***** *00003800
00143 C 003900*                END OF VSAMIOFB COPY BOOK *00003900
00144 C 004000* ***** *00004000
00145   004100 01  STUDENT-RECORD-AREA          PIC  X(83). *18320000
00146   004200 01  STUDENT-INFO-RECORD. *18330000
00147   004300   02  SIR-STUDENT-ID          PIC  X(07). *18340000
00148   004400   02  SIR-KEY-ID              PIC  9(03). *18350000
00149   004500   02  SIR-NAME                PIC  X(22). *18360000
00150   004600   02  SIR-ADDRESS            PIC  X(25). *18370000
00151   004700   02  SIR-CITY                PIC  X(15). *18380000
00152   004800   02  SIR-STATE              PIC  X(02). *18390000
00153   004900   02  SIR-ZIPCODE            PIC  9(05). *18400000
00154   005000   02  SIR-GENDER              PIC  X(01). *18410000
00155   005100   02  SIR-MAJOR              PIC  X(03). *18420000
00156   005200 01  COURSE-INFO-RECORD. *18430000
00157   005300   02  CIR-STUDENT-ID          PIC  X(07). *18440000
00158   005400   02  CIR-KEY-ID              PIC  9(03). *18450000
00159   005500   02  CIR-COURSE-ID          PIC  9(06). *18460000
00160   005600   02  FILLER                REDEFINES CIR-COURSE-ID. *18470000
00161   005700   03  CIR-DEPARTMENT          PIC  9(02). *18480000
00162   005800   03  CIR-COURSE            PIC  9(03). *18490000
00163   005900   03  CIR-SECTION            PIC  9(01). *18500000
00164   006000   02  CIR-GRADE              PIC  S9(3)V99  COMP-3. *18510000
00165   006100 *18520000
00166   006200* ***** *18530000
00167   006300* COMMUNICATION TO VSAMIO FOR DEPARTMENT TABLE DATASET *18540000
00168   006400* ***** *18550000

```

```

00169 006500 01 DEPARTMENT-TABLE-FILE COPY VSAMIOFB. 18560000
00170 C 000100* ***** *00000100
00171 C 000200* ***** *00000200
00172 C 000300* VV VV SSSSS A M M IIII OOOO FFFFFFFF BBBB *00000300
00173 C 000400* VV VV SS SS AAA MM MM II OO OO FF BB BB *00000400
00174 C 000500* VV VV SS AA AA MMM MMM II OO OO FF BB BB *00000500
00175 C 000600* VV VV SSSSS AA AA MMMMMMMM II OO OO FFFFF BBBB *00000600
00176 C 000700* VV VV SS AA AA MM M MM II OO OO FF BB BB *00000700
00177 C 000800* VV VV SS SS AAAAAA MM MM II OO OO FF BB BB *00000800
00178 C 000900* VVV SS SS AA AA MM MM II OO OO FF BB BB *00000900
00179 C 001000* V SSSSS AA AA MM MM IIII OOOO FF BBBB *00001000
00180 C 001100* ***** *00001100
00181 C 001200* ***** *00001200
00182 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00183 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00184 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00185 C 001600* ***** *00001600
00186 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700
00187 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00188 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00189 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00190 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED. *00002100
00191 C 002200* ***** *00002200
00192 C 002300 01 DEPARTMENT-TABLE-FILE. 00002300
00193 C 002400 02 VSIO-DDNAME PIC X(08) VALUE SPACES. 00002400
00194 C 002500 02 VSIO-ORGANIZATION PIC X(04) VALUE SPACES. 00002500
00195 C 002600 02 VSIO-ACCESS PIC X(10) VALUE SPACES. 00002600
00196 C 002700 02 VSIO-MODE PIC X(06) VALUE SPACES. 00002700
00197 C 002800 02 VSIO-RECORD-LENGTH PIC S9(04) COMP VALUE +0. 00002800
00198 C 002900 02 VSIO-KEY-ARGUMENT. 00002900
00199 C 003000 03 VSIO-KEY-POSITION PIC S9(04) COMP VALUE +0. 00003000
00200 C 003100 03 VSIO-KEY-LENGTH PIC S9(04) COMP VALUE +0. 00003100
00201 C 003200 02 VSIO-RELATIVE-RECORD REDEFINES VSIO-KEY-ARGUMENT 00003200
00202 C 003300 PIC S9(08) COMP. 00003300
00203 C 003400 02 FILLER PIC X(01) VALUE 'C'. 00003400
00204 C 003500 88 VSIO-FILE-OPEN VALUE 'O'. 00003500
00205 C 003600 88 VSIO-FILE-CLOSED VALUE 'C'. 00003600
00206 C 003700 02 FILLER PIC X(161). 00003700
00207 C 003800* ***** *00003800
00208 C 003900* END OF VSAMIOFB COPY BOOK *00003900
00209 C 004000* ***** *00004000
00210 006600 01 DEPARTMENT-TABLE-RECORD. 18570000
00211 006700 02 DTR-NUMBER PIC 9(02). 18580000
00212 006800 02 DTR-NAME PIC X(30). 18590000
00213 006900 18600000
00214 007000* ***** *18610000
00215 007100* COMMUNICATION TO VSAMIO FOR COURSE TABLE DATASET *18620000
00216 007200* ***** *18630000
00217 007300 01 COURSE-TABLE-FILE COPY VSAMIOFB. 18640000
00218 C 000100* ***** *00000100
00219 C 000200* ***** *00000200
00220 C 000300* VV VV SSSSS A M M IIII OOOO FFFFFFFF BBBB *00000300
00221 C 000400* VV VV SS SS AAA MM MM II OO OO FF BB BB *00000400
00222 C 000500* VV VV SS AA AA MMM MMM II OO OO FF BB BB *00000500
00223 C 000600* VV VV SSSSS AA AA MMMMMMMM II OO OO FFFFF BBBB *00000600
00224 C 000700* VV VV SS AA AA MM M MM II OO OO FF BB BB *00000700
00225 C 000800* VV VV SS SS AAAAAA MM MM II OO OO FF BB BB *00000800

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00226 C 000900*      VVV  SS  SS AA  AA MM  MM  II  OO  OO FF      BB  BB  *00000900
00227 C 001000*      V      SSSSS  AA  AA MM  MM  IIII  OOOO  FF      BBBB  *00001000
00228 C 001100*                                          *00001100
00229 C 001200* *****                                          *00001200
00230 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00231 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00232 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00233 C 001600*                                          *00001600
00234 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700
00235 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00236 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00237 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00238 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED. *00002100
00239 C 002200* *****                                          *00002200
00240 C 002300 01  COURSE-TABLE-FILE. *00002300
00241 C 002400      02  VSIO-DDNAME          PIC  X(08)  VALUE SPACES. *00002400
00242 C 002500      02  VSIO-ORGANIZATION    PIC  X(04)  VALUE SPACES. *00002500
00243 C 002600      02  VSIO-ACCESS          PIC  X(10)  VALUE SPACES. *00002600
00244 C 002700      02  VSIO-MODE          PIC  X(06)  VALUE SPACES. *00002700
00245 C 002800      02  VSIO-RECORD-LENGTH    PIC  S9(04)  COMP VALUE +0. *00002800
00246 C 002900      02  VSIO-KEY-ARGUMENT. *00002900
00247 C 003000      03  VSIO-KEY-POSITION    PIC  S9(04)  COMP VALUE +0. *00003000
00248 C 003100      03  VSIO-KEY-LENGTH    PIC  S9(04)  COMP VALUE +0. *00003100
00249 C 003200      02  VSIO-RELATIVE-RECORD  REDEFINES VSIO-KEY-ARGUMENT *00003200
00250 C 003300          PIC  S9(08)  COMP. *00003300
00251 C 003400      02  FILLER          PIC  X(01)  VALUE 'C'. *00003400
00252 C 003500      88  VSIO-FILE-OPEN          VALUE 'O'. *00003500
00253 C 003600      88  VSIO-FILE-CLOSED      VALUE 'C'. *00003600
00254 C 003700      02  FILLER          PIC  X(161). *00003700
00255 C 003800* *****                                          *00003800
00256 C 003900*          END OF VSAMIOFB COPY BOOK *00003900
00257 C 004000* *****                                          *00004000
00258      007400 01  COURSE-TABLE-RECORD. *18650000
00259      007500      02  CTR-DEPARTMENT    PIC  9(02). *18660000
00260      007600      02  CTR-NUMBER      PIC  9(03). *18670000
00261      007700      02  CTR-DESCRIPTION  PIC  X(50). *18680000
00262      007800      02  CTR-CREDIT-HOURS PIC  9(01). *18690000
00263      007900 *18700000
00264      008000* *****                                          *18710000
00265      008100* COMMUNICATION TO VSAMIO FOR SECTION TABLE DATASET *18720000
00266      008200* *****                                          *18730000
00267      008300 01  SECTION-TABLE-FILE      COPY VSAMIOFB. *18740000
00268 C 000100* *****                                          *00000100
00269 C 000200* *****                                          *00000200
00270 C 000300*  VV  VV  SSSSS  A  M  M  IIII  OOOO  FFFFFFFF  BBBB  *00000300
00271 C 000400*  VV  VV  SS  SS  AAA  MM  MM  II  OO  OO  FF  BB  BB  *00000400
00272 C 000500*  VV  VV  SS  AA  AA  MMM  MMM  II  OO  OO  FF  BB  BB  *00000500
00273 C 000600*  VV  VV  SSSSS  AA  AA  MMMMMMMM  II  OO  OO  FFFFF  BBBB  *00000600
00274 C 000700*  VV  VV  SS  SS  AA  AA  MM  M  MM  II  OO  OO  FF  BB  BB  *00000700
00275 C 000800*  VV  VV  SS  SS  AAAAAA  MM  MM  II  OO  OO  FF  BB  BB  *00000800
00276 C 000900*  VVV  SS  SS  AA  AA  MM  MM  II  OO  OO  FF  BB  BB  *00000900
00277 C 001000*  V      SSSSS  AA  AA  MM  MM  IIII  OOOO  FF  BBBB  *00001000
00278 C 001100*                                          *00001100
00279 C 001200* *****                                          *00001200
00280 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00281 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00282 C 001500* FOR A SINGLE VSAM DATASET. *00001500

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00340	011600	02	LINE PLUS 1.		19070000
00341	011700	03	COLUMN 10	PIC X(25)	19080000
00342	011800			SOURCE IS SIR-ADDRESS.	19090000
00343	011900	02	LINE PLUS 1.		19100000
00344	012000	03	COLUMN 10	PIC X(15)	19110000
00345	012100			SOURCE IS SIR-CITY.	19120000
00346	012200	03	COLUMN 36	PIC X(02)	19130000
00347	012300			SOURCE IS SIR-STATE.	19140000
00348	012400	03	COLUMN 39	PIC 9(05)	19150000
00349	012500			SOURCE IS SIR-ZIPCODE.	19160000
00350	012600	03	COLUMN 53	PIC X(06) VALUE 'MAJOR:'.	19170000
00351	012700	03	COLUMN 60	PIC X(03)	19180000
00352	012800			SOURCE IS SIR-MAJOR.	19190000
00353	012900	01	DEPARTMENT-SUBHEAD	TYPE IS CONTROL HEADING	19200000
00354	013000			DTR-NUMBER.	19210000
00355	013100	02	LINE PLUS 2.		19220000
00356	013200	03	COLUMN 10	PIC X(30)	19230000
00357	013300			SOURCE IS DTR-NAME.	19240000
00358	013400	02	LINE PLUS 1.		19250000
00359	013500				19260000
00360	013600	01	COURSE-DETAIL	TYPE IS DETAIL.	19270000
00361	013700	02	LINE PLUS 1.		19280000
00362	013800	03	COLUMN 10	PIC 999	19290000
00363	013900			SOURCE IS CIR-COURSE.	19300000
00364	014000	03	COLUMN 13	PIC X VALUE '-'	19310000
00365	014100	03	COLUMN 14	PIC 9	19320000
00366	014200			SOURCE IS CIR-SECTION.	19330000
00367	014300	03	COLUMN 16	PIC X VALUE '('.	19340000
00368	014400	03	COLUMN 17	PIC 9	19350000
00369	014500			SOURCE IS CTR-CREDIT-HOURS.	19360000
00370	014600	03	COLUMN 18	PIC X VALUE ')'	19370000
00371	014700	03	COLUMN 20	PIC X(46)	19380000
00372	014800			SOURCE IS CTR-DESCRIPTION.	19390000
00373	014900	03	COLUMN 67	PIC X(11)	19400000
00374	015000			SOURCE IS STR-DESCRIPTION.	19410000
00375	015100				19420000
00376	015200	01	STUDENT-FOOTING	TYPE IS CONTROL FOOTING	19430000
00377	015300			SIR-STUDENT-ID	19440000
00378	015400			NEXT GROUP IS NEXT PAGE.	19450000
00379	015500	02	LINE PLUS 2.		19460000
00380	015600	03	COLUMN 10	PIC X(21) VALUE	19470000
00381	015700			'TOTAL HOURS ENROLLED:'.	19480000
00382	015800	03	COLUMN 32	PIC ZZ9	19490000
00383	015900			SUM CTR-CREDIT-HOURS.	19500000
00384	016000				19510000
00385	016100		PROCEDURE DIVISION.		19520000
00386	016200				19530000
00387	016300		000-INITIATE.		19540000
00388	016400				19550000
00389	016500		MOVE 'STMASTR' TO VSIO-DDNAME OF STUDENT-MASTER-FILE.		19560000
00390	016600		MOVE VSIO-KSDS TO VSIO-ORGANIZATION OF STUDENT-MASTER-FILE.		19570000
00391	016700		MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS OF STUDENT-MASTER-FILE.		19580000
00392	016800		MOVE VSIO-INPUT TO VSIO-MODE OF STUDENT-MASTER-FILE.		19590000
00393	016900		MOVE +83 TO VSIO-RECORD-LENGTH OF STUDENT-MASTER-FILE.		19600000
00394	017000		MOVE +0 TO VSIO-KEY-POSITION OF STUDENT-MASTER-FILE.		19610000
00395	017100		MOVE +10 TO VSIO-KEY-LENGTH OF STUDENT-MASTER-FILE.		19620000
00396	017200		MOVE VSIO-OPEN TO VSIO-COMMAND.		19630000

00397	017300	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	19640000
00398	017400	STUDENT-MASTER-FILE,	19650000
00399	017500	STUDENT-RECORD-AREA.	19660000
00400	017600*	END-CALL.	19670000
00401	017700	IF NOT VSIO-SUCCESS	19680000
00402	017800	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT	19690000
00403	017900	STOP RUN.	19700000
00404	018000*	END-IF.	19710000
00405	018100		19720000
00406	018200	MOVE 'DEPTTBL' TO VSIO-DDNAME OF DEPARTMENT-TABLE-FILE.	19730000
00407	018300	MOVE VSIO-KSDS TO VSIO-ORGANIZATION OF DEPARTMENT-TABLE-FILE	19740000
00408	018400	MOVE VSIO-DIRECT TO VSIO-ACCESS OF DEPARTMENT-TABLE-FILE.	19750000
00409	018500	MOVE VSIO-INPUT TO VSIO-MODE OF DEPARTMENT-TABLE-FILE.	19760000
00410	018600	MOVE +32 TO VSIO-RECORD-LENGTH OF DEPARTMENT-TABLE-FILE.	19770000
00411	018700	MOVE +0 TO VSIO-KEY-POSITION OF DEPARTMENT-TABLE-FILE.	19780000
00412	018800	MOVE +2 TO VSIO-KEY-LENGTH OF DEPARTMENT-TABLE-FILE.	19790000
00413	018900	MOVE VSIO-OPEN TO VSIO-COMMAND.	19800000
00414	019000	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	19810000
00415	019100	DEPARTMENT-TABLE-FILE,	19820000
00416	019200	DEPARTMENT-TABLE-RECORD.	19830000
00417	019300*	END-CALL.	19840000
00418	019400	IF NOT VSIO-SUCCESS	19850000
00419	019500	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT	19860000
00420	019600	STOP RUN.	19870000
00421	019700*	END-IF.	19880000
00422	019800		19890000
00423	019900	MOVE 'CRSETBL' TO VSIO-DDNAME OF COURSE-TABLE-FILE.	19900000
00424	020000	MOVE VSIO-KSDS TO VSIO-ORGANIZATION OF COURSE-TABLE-FILE.	19910000
00425	020100	MOVE VSIO-DIRECT TO VSIO-ACCESS OF COURSE-TABLE-FILE.	19920000
00426	020200	MOVE VSIO-INPUT TO VSIO-MODE OF COURSE-TABLE-FILE.	19930000
00427	020300	MOVE +56 TO VSIO-RECORD-LENGTH OF COURSE-TABLE-FILE.	19940000
00428	020400	MOVE +0 TO VSIO-KEY-POSITION OF COURSE-TABLE-FILE.	19950000
00429	020500	MOVE +5 TO VSIO-KEY-LENGTH OF COURSE-TABLE-FILE.	19960000
00430	020600	MOVE VSIO-OPEN TO VSIO-COMMAND.	19970000
00431	020700	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	19980000
00432	020800	COURSE-TABLE-FILE,	19990000
00433	020900	COURSE-TABLE-RECORD.	20000000
00434	021000*	END-CALL.	20010000
00435	021100	IF NOT VSIO-SUCCESS	20020000
00436	021200	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT	20030000
00437	021300	STOP RUN.	20040000
00438	021400*	END-IF.	20050000
00439	021500		20060000
00440	021600	MOVE 'SECTTBL' TO VSIO-DDNAME OF SECTION-TABLE-FILE.	20070000
00441	021700	MOVE VSIO-KSDS TO VSIO-ORGANIZATION OF SECTION-TABLE-FILE.	20080000
00442	021800	MOVE VSIO-DIRECT TO VSIO-ACCESS OF SECTION-TABLE-FILE.	20090000
00443	021900	MOVE VSIO-INPUT TO VSIO-MODE OF SECTION-TABLE-FILE.	20100000
00444	022000	MOVE +17 TO VSIO-RECORD-LENGTH OF SECTION-TABLE-FILE.	20110000
00445	022100	MOVE +0 TO VSIO-KEY-POSITION OF SECTION-TABLE-FILE.	20120000
00446	022200	MOVE +6 TO VSIO-KEY-LENGTH OF SECTION-TABLE-FILE.	20130000
00447	022300	MOVE VSIO-OPEN TO VSIO-COMMAND.	20140000
00448	022400	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	20150000
00449	022500	SECTION-TABLE-FILE,	20160000
00450	022600	SECTION-TABLE-RECORD.	20170000
00451	022700*	END-CALL.	20180000
00452	022800	IF NOT VSIO-SUCCESS	20190000
00453	022900	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT	20200000

00454	023000	STOP RUN.	20210000
00455	023100*	END-IF.	20220000
00456	023200		20230000
00457	023300	OPEN OUTPUT REPORT-FILE.	20240000
00458	023400		20250000
00459	023500	INITIATE STUDENT-REPORT.	20260000
00460	023600		20270000
00461	023700	010-PROCESS.	20280000
00462	023800		20290000
00463	023900	PERFORM 110-PROCESS-STUDENTS	20300000
00464	024000	THRU 119-EXIT	20310000
00465	024100	UNTIL NOT VSIO-SUCCESS.	20320000
00466	024200*	END-PERFORM.	20330000
00467	024300		20340000
00468	024400	020-TERMINATE.	20350000
00469	024500		20360000
00470	024600	TERMINATE STUDENT-REPORT.	20370000
00471	024700		20380000
00472	024800	CLOSE REPORT-FILE.	20390000
00473	024900		20400000
00474	025000	MOVE VSIO-CLOSE TO VSIO-COMMAND.	20410000
00475	025100	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	20420000
00476	025200	STUDENT-MASTER-FILE,	20430000
00477	025300	STUDENT-RECORD-AREA.	20440000
00478	025400*	END-CALL.	20450000
00479	025500	IF NOT VSIO-SUCCESS	20460000
00480	025600	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT.	20470000
00481	025700*	END-IF.	20480000
00482	025800		20490000
00483	025900	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	20500000
00484	026000	DEPARTMENT-TABLE-FILE,	20510000
00485	026100	DEPARTMENT-TABLE-RECORD.	20520000
00486	026200*	END-CALL.	20530000
00487	026300	IF NOT VSIO-SUCCESS	20540000
00488	026400	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT.	20550000
00489	026500*	END-IF.	20560000
00490	026600		20570000
00491	026700	MOVE VSIO-CLOSE TO VSIO-COMMAND.	20580000
00492	026800	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	20590000
00493	026900	COURSE-TABLE-FILE,	20600000
00494	027000	COURSE-TABLE-RECORD.	20610000
00495	027100*	END-CALL.	20620000
00496	027200	IF NOT VSIO-SUCCESS	20630000
00497	027300	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT.	20640000
00498	027400*	END-IF.	20650000
00499	027500		20660000
00500	027600	MOVE VSIO-CLOSE TO VSIO-COMMAND.	20670000
00501	027700	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	20680000
00502	027800	SECTION-TABLE-FILE,	20690000
00503	027900	SECTION-TABLE-RECORD.	20700000
00504	028000*	END-CALL.	20710000
00505	028100	IF NOT VSIO-SUCCESS	20720000
00506	028200	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT.	20730000
00507	028300*	END-IF.	20740000
00508	028400		20750000
00509	028500	STOP RUN.	20760000
00510	028600		20770000

00511	028700	110-PROCESS-STUDENTS.	20780000
00512	028800		20790000
00513	028900	MOVE +83 TO VSIO-RECORD-LENGTH OF STUDENT-MASTER-FILE.	20800000
00514	029000	MOVE VSIO-READ TO VSIO-COMMAND.	20810000
00515	029100	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	20820000
00516	029200	STUDENT-MASTER-FILE,	20830000
00517	029300	STUDENT-RECORD-AREA.	20840000
00518	029400*	END-CALL.	20850000
00519	029500	IF NOT VSIO-SUCCESS	20860000
00520	029600	IF VSIO-END-OF-FILE	20870000
00521	029700	GO TO 119-EXIT	20880000
00522	029800	ELSE	20890000
00523	029900	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT	20900000
00524	030000	GO TO 119-EXIT.	20910000
00525	030100*	END-IF	20920000
00526	030200*	END-IF.	20930000
00527	030300		20940000
00528	030400	IF VSIO-RECORD-LENGTH OF STUDENT-MASTER-FILE EQUAL +83	20950000
00529	030500	MOVE STUDENT-RECORD-AREA TO STUDENT-INFO-RECORD	20960000
00530	030600	PERFORM 120-STUDENT-FIELDS THRU 129-EXIT	20970000
00531	030700	ELSE	20980000
00532	030800	MOVE STUDENT-RECORD-AREA TO COURSE-INFO-RECORD	20990000
00533	030900	PERFORM 130-COURSE-LOOKUP THRU 139-EXIT	21000000
00534	031000	GENERATE COURSE-DETAIL.	21010000
00535	031100*	END-IF.	21020000
00536	031200		21030000
00537	031300	119-EXIT.	21040000
00538	031400	EXIT.	21050000
00539	031500		21060000
00540	031600	120-STUDENT-FIELDS.	21070000
00541	031700		21080000
00542	031800	IF SIR-GENDER EQUAL 'M'	21090000
00543	031900	MOVE 'MALE' TO WS-GENDER	21100000
00544	032000	ELSE	21110000
00545	032100	MOVE 'FEMALE' TO WS-GENDER.	21120000
00546	032200*	END-IF.	21130000
00547	032300		21140000
00548	032400	129-EXIT.	21150000
00549	032500	EXIT.	21160000
00550	032600		21170000
00551	032700	130-COURSE-LOOKUP.	21180000
00552	032800		21190000
00553	032900	MOVE CIR-DEPARTMENT TO DTR-NUMBER,	21200000
00554	033000	CTR-DEPARTMENT,	21210000
00555	033100	STR-DEPARTMENT.	21220000
00556	033200	MOVE CIR-COURSE TO CTR-NUMBER,	21230000
00557	033300	STR-COURSE.	21240000
00558	033400	MOVE CIR-SECTION TO STR-NUMBER.	21250000
00559	033500		21260000
00560	033600	MOVE VSIO-READ TO VSIO-COMMAND.	21270000
00561	033700	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	21280000
00562	033800	DEPARTMENT-TABLE-FILE,	21290000
00563	033900	DEPARTMENT-TABLE-RECORD.	21300000
00564	034000*	END-CALL.	21310000
00565	034100	IF NOT VSIO-SUCCESS	21320000
00566	034200	IF VSIO-LOGIC-ERROR	21330000
00567	034300	AND VSIO-RECORD-NOT-FOUND	21340000

00568	034400	MOVE '*** NOT IN TABLE FILE ***' TO DTR-NAME	21350000
00569	034500	MOVE +0 TO VSIO-RETURN-CODE	21360000
00570	034600	ELSE	21370000
00571	034700	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT	21380000
00572	034800	GO TO 139-EXIT.	21390000
00573	034900*	END-IF	21400000
00574	035000*	END-IF.	21410000
00575	035100		21420000
00576	035200	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	21430000
00577	035300	COURSE-TABLE-FILE,	21440000
00578	035400	COURSE-TABLE-RECORD.	21450000
00579	035500*	END-CALL.	21460000
00580	035600	IF NOT VSIO-SUCCESS	21470000
00581	035700	IF VSIO-LOGIC-ERROR	21480000
00582	035800	AND VSIO-RECORD-NOT-FOUND	21490000
00583	035900	MOVE '*** NOT IN TABLE FILE ***' TO CTR-DESCRIPTION	21500000
00584	036000	MOVE ZERO TO CTR-CREDIT-HOURS	21510000
00585	036100	MOVE +0 TO VSIO-RETURN-CODE	21520000
00586	036200	ELSE	21530000
00587	036300	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT	21540000
00588	036400	GO TO 139-EXIT.	21550000
00589	036500*	END-IF	21560000
00590	036600*	END-IF.	21570000
00591	036700		21580000
00592	036800	CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK,	21590000
00593	036900	SECTION-TABLE-FILE,	21600000
00594	037000	SECTION-TABLE-RECORD.	21610000
00595	037100*	END-CALL.	21620000
00596	037200	IF NOT VSIO-SUCCESS	21630000
00597	037300	IF VSIO-LOGIC-ERROR	21640000
00598	037400	AND VSIO-RECORD-NOT-FOUND	21650000
00599	037500	MOVE '*NOT/TABLE*' TO STR-DESCRIPTION	21660000
00600	037600	MOVE +0 TO VSIO-RETURN-CODE	21670000
00601	037700	ELSE	21680000
00602	037800	PERFORM 500-DISPLAY-UNKNOWN-ERROR THRU 509-EXIT	21690000
00603	037900	GO TO 139-EXIT.	21700000
00604	038000*	END-IF	21710000
00605	038100*	END-IF.	21720000
00606	038200		21730000
00607	038300	139-EXIT.	21740000
00608	038400	EXIT.	21750000
00609	038500		21760000
00610	038600	500-DISPLAY-UNKNOWN-ERROR.	21770000
00611	038700		21780000
00612	038800	DISPLAY 'UNEXPECTED VSAMIO ERROR OCCURRED DURING '	21790000
00613	038900	VSIO-COMMAND.	21800000
00614	039000	EXHIBIT NAMED VSIO-RETURN-CODE.	21810000
00615	039100	EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,	21820000
00616	039200	VSIO-VSAM-FUNCTION-CODE,	21830000
00617	039300	VSIO-VSAM-FEEDBACK-CODE.	21840000
00618	039400		21850000
00619	039500	509-EXIT.	21860000
00620	039600	EXIT.	21870000

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-257	FD	REPORT-FILE	DCB=01		DNM=1-257		QSAM				F
DNM=1-281	01	-0001	BL=1	000	DNM=1-281	DS 133C	DISP				
DNM=1-296	01	REPORTING-FIELDS	BL=2	000	DNM=1-296	DS 0CL6	GROUP				
DNM=1-325	02	WS-GENDER	BL=2	000	DNM=1-325	DS 6C	DISP				
DNM=1-344	01	VSIO-PARAMETER-VALUES	BL=2	008	DNM=1-344	DS 0CL124	GROUP				
DNM=1-378	02	VSIO-OPEN	BL=2	008	DNM=1-378	DS 8C	DISP				
DNM=1-397	02	VSIO-CLOSE	BL=2	010	DNM=1-397	DS 8C	DISP				
DNM=1-417	02	VSIO-READ	BL=2	018	DNM=1-417	DS 8C	DISP				
DNM=1-439	02	VSIO-WRITE	BL=2	020	DNM=1-439	DS 8C	DISP				
DNM=1-459	02	VSIO-REWRITE	BL=2	028	DNM=1-459	DS 8C	DISP				
DNM=1-481	02	VSIO-DELETE	BL=2	030	DNM=1-481	DS 8C	DISP				
DNM=2-000	02	VSIO-START-KEY-EQUAL	BL=2	038	DNM=2-000	DS 8C	DISP				
DNM=2-030	02	VSIO-START-KEY-NOTLESS	BL=2	040	DNM=2-030	DS 8C	DISP				
DNM=2-062	02	VSIO-KSDS	BL=2	048	DNM=2-062	DS 4C	DISP				
DNM=2-081	02	VSIO-ESDS	BL=2	04C	DNM=2-081	DS 4C	DISP				
DNM=2-100	02	VSIO-RRDS	BL=2	050	DNM=2-100	DS 4C	DISP				
DNM=2-119	02	VSIO-SEQUENTIAL	BL=2	054	DNM=2-119	DS 10C	DISP				
DNM=2-144	02	VSIO-DIRECT	BL=2	05E	DNM=2-144	DS 10C	DISP				
DNM=2-165	02	VSIO-DYNAMIC	BL=2	068	DNM=2-165	DS 10C	DISP				
DNM=2-187	02	VSIO-INPUT	BL=2	072	DNM=2-187	DS 6C	DISP				
DNM=2-207	02	VSIO-OUTPUT	BL=2	078	DNM=2-207	DS 6C	DISP				
DNM=2-228	02	VSIO-INPUT-OUTPUT	BL=2	07E	DNM=2-228	DS 6C	DISP				
DNM=2-255	01	VSIO-PARAMETER-BLOCK	BL=2	088	DNM=2-255	DS 0CL16	GROUP				
DNM=2-288	02	VSIO-COMMAND	BL=2	088	DNM=2-288	DS 8C	DISP				
DNM=2-310	02	VSIO-RETURN-CODE	BL=2	090	DNM=2-310	DS 2C	COMP				
DNM=2-339	88	VSIO-SUCCESS			DNM=2-339						
DNM=2-364	88	VSIO-LOGIC-ERROR			DNM=2-364						
DNM=2-393	88	VSIO-END-OF-FILE			DNM=2-393						
DNM=2-424	88	VSIO-PARAMETER-ERROR			DNM=2-424						
DNM=2-457	88	VSIO-COMMAND-UNKNOWN			DNM=2-457						
DNM=3-000	88	VSIO-DATASET-ALREADY-OPEN			DNM=3-000						
DNM=3-039	88	VSIO-DATASET-NOT-OPEN			DNM=3-039						
DNM=3-074	88	VSIO-ORGANIZATION-KEYWORD			DNM=3-074						
DNM=3-113	88	VSIO-ACCESS-KEYWORD			DNM=3-113						
DNM=3-146	88	VSIO-ACCESS-UNSUPPORTED			DNM=3-146						
DNM=3-183	88	VSIO-MODE-KEYWORD			DNM=3-183						
DNM=3-214	88	VSIO-MODE-UNSUPPORTED			DNM=3-214						
DNM=3-249	88	VSIO-DDNAME-BLANK			DNM=3-249						
DNM=3-280	02	VSIO-VSAM-RETURN-CODE	BL=2	092	DNM=3-280	DS 2C	COMP				
DNM=3-311	02	VSIO-VSAM-FUNCTION-CODE	BL=2	094	DNM=3-311	DS 2C	COMP				
DNM=3-344	02	VSIO-VSAM-FEEDBACK-CODE	BL=2	096	DNM=3-344	DS 2C	COMP				
DNM=3-380	88	VSIO-DUPLICATE-RECORD			DNM=3-380						
DNM=3-414	88	VSIO-SEQUENCE-ERROR			DNM=3-414						
DNM=3-447	88	VSIO-RECORD-NOT-FOUND			DNM=3-447						
DNM=4-000	88	VSIO-NO-MORE-SPACE			DNM=4-000						
DNM=4-032	88	VSIO-READ-WITHOUT-START			DNM=4-032						
DNM=4-069	01	STUDENT-MASTER-FILE	BL=2	098	DNM=4-069	DS 0CL196	GROUP				
DNM=4-104	02	VSIO-DDNAME	BL=2	098	DNM=4-104	DS 8C	DISP				
DNM=4-125	02	VSIO-ORGANIZATION	BL=2	0A0	DNM=4-125	DS 4C	DISP				
DNM=4-152	02	VSIO-ACCESS	BL=2	0A4	DNM=4-152	DS 10C	DISP				
DNM=4-173	02	VSIO-MODE	BL=2	0AE	DNM=4-173	DS 6C	DISP				
DNM=4-192	02	VSIO-RECORD-LENGTH	BL=2	0B4	DNM=4-192	DS 2C	COMP				
DNM=4-220	02	VSIO-KEY-ARGUMENT	BL=2	0B6	DNM=4-220	DS 0CL4	GROUP				
DNM=4-250	03	VSIO-KEY-POSITION	BL=2	0B6	DNM=4-250	DS 2C	COMP				
DNM=4-280	03	VSIO-KEY-LENGTH	BL=2	0B8	DNM=4-280	DS 2C	COMP				

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=4-305	02	VSIO-RELATIVE-RECORD	BL=2	0B6	DNM=4-305	DS 4C	COMP	R			
DNM=4-335	02	FILLER	BL=2	0BA	DNM=4-335	DS 1C	DISP				
DNM=4-357	88	VSIO-FILE-OPEN			DNM=4-357						
DNM=4-382	88	VSIO-FILE-CLOSED			DNM=4-382						
DNM=4-409	02	FILLER	BL=2	0BB	DNM=4-409	DS 161C	DISP				
DNM=4-428	01	STUDENT-RECORD-AREA	BL=2	160	DNM=4-428	DS 83C	DISP				
DNM=4-457	01	STUDENT-INFO-RECORD	BL=2	1B8	DNM=4-457	DS 0CL83	GROUP				
DNM=5-000	02	SIR-STUDENT-ID	BL=2	1B8	DNM=5-000	DS 7C	DISP				
DNM=5-027	02	SIR-KEY-ID	BL=2	1BF	DNM=5-027	DS 3C	DISP-NM				
DNM=5-047	02	SIR-NAME	BL=2	1C2	DNM=5-047	DS 22C	DISP				
DNM=5-065	02	SIR-ADDRESS	BL=2	1D8	DNM=5-065	DS 25C	DISP				
DNM=5-086	02	SIR-CITY	BL=2	1F1	DNM=5-086	DS 15C	DISP				
DNM=5-104	02	SIR-STATE	BL=2	200	DNM=5-104	DS 2C	DISP				
DNM=5-123	02	SIR-ZIPCODE	BL=2	202	DNM=5-123	DS 5C	DISP-NM				
DNM=5-144	02	SIR-GENDER	BL=2	207	DNM=5-144	DS 1C	DISP				
DNM=5-164	02	SIR-MAJOR	BL=2	208	DNM=5-164	DS 3C	DISP				
DNM=5-183	01	COURSE-INFO-RECORD	BL=2	210	DNM=5-183	DS 0CL19	GROUP				
DNM=5-217	02	CIR-STUDENT-ID	BL=2	210	DNM=5-217	DS 7C	DISP				
DNM=5-241	02	CIR-KEY-ID	BL=2	217	DNM=5-241	DS 3C	DISP-NM				
DNM=5-261	02	CIR-COURSE-ID	BL=2	21A	DNM=5-261	DS 6C	DISP-NM				
DNM=5-284	02	FILLER	BL=2	21A	DNM=5-284	DS 0CL6	GROUP	R			
DNM=5-306	03	CIR-DEPARTMENT	BL=2	21A	DNM=5-306	DS 2C	DISP-NM				
DNM=5-330	03	CIR-COURSE	BL=2	21C	DNM=5-330	DS 3C	DISP-NM				
DNM=5-353	03	CIR-SECTION	BL=2	21F	DNM=5-353	DS 1C	DISP-NM				
DNM=5-377	02	CIR-GRADE	BL=2	220	DNM=5-377	DS 3P	COMP-3				
DNM=5-396	01	DEPARTMENT-TABLE-FILE	BL=2	228	DNM=5-396	DS 0CL196	GROUP				
DNM=5-430	02	VSIO-DDNAME	BL=2	228	DNM=5-430	DS 8C	DISP				
DNM=5-454	02	VSIO-ORGANIZATION	BL=2	230	DNM=5-454	DS 4C	DISP				
DNM=5-484	02	VSIO-ACCESS	BL=2	234	DNM=5-484	DS 10C	DISP				
DNM=6-000	02	VSIO-MODE	BL=2	23E	DNM=6-000	DS 6C	DISP				
DNM=6-022	02	VSIO-RECORD-LENGTH	BL=2	244	DNM=6-022	DS 2C	COMP				
DNM=6-053	02	VSIO-KEY-ARGUMENT	BL=2	246	DNM=6-053	DS 0CL4	GROUP				
DNM=6-086	03	VSIO-KEY-POSITION	BL=2	246	DNM=6-086	DS 2C	COMP				
DNM=6-116	03	VSIO-KEY-LENGTH	BL=2	248	DNM=6-116	DS 2C	COMP				
DNM=6-144	02	VSIO-RELATIVE-RECORD	BL=2	246	DNM=6-144	DS 4C	COMP	R			
DNM=6-177	02	FILLER	BL=2	24A	DNM=6-177	DS 1C	DISP				
DNM=6-199	88	VSIO-FILE-OPEN			DNM=6-199						
DNM=6-227	88	VSIO-FILE-CLOSED			DNM=6-227						
DNM=6-257	02	FILLER	BL=2	24B	DNM=6-257	DS 161C	DISP				
DNM=6-276	01	DEPARTMENT-TABLE-RECORD	BL=2	2F0	DNM=6-276	DS 0CL32	GROUP				
DNM=6-312	02	DTR-NUMBER	BL=2	2F0	DNM=6-312	DS 2C	DISP-NM				
DNM=6-332	02	DTR-NAME	BL=2	2F2	DNM=6-332	DS 30C	DISP				
DNM=6-350	01	COURSE-TABLE-FILE	BL=2	310	DNM=6-350	DS 0CL196	GROUP				
DNM=6-380	02	VSIO-DDNAME	BL=2	310	DNM=6-380	DS 8C	DISP				
DNM=6-404	02	VSIO-ORGANIZATION	BL=2	318	DNM=6-404	DS 4C	DISP				
DNM=6-434	02	VSIO-ACCESS	BL=2	31C	DNM=6-434	DS 10C	DISP				
DNM=6-458	02	VSIO-MODE	BL=2	326	DNM=6-458	DS 6C	DISP				
DNM=6-480	02	VSIO-RECORD-LENGTH	BL=2	32C	DNM=6-480	DS 2C	COMP				
DNM=7-000	02	VSIO-KEY-ARGUMENT	BL=2	32E	DNM=7-000	DS 0CL4	GROUP				
DNM=7-033	03	VSIO-KEY-POSITION	BL=2	32E	DNM=7-033	DS 2C	COMP				
DNM=7-063	03	VSIO-KEY-LENGTH	BL=2	330	DNM=7-063	DS 2C	COMP				
DNM=7-091	02	VSIO-RELATIVE-RECORD	BL=2	32E	DNM=7-091	DS 4C	COMP	R			
DNM=7-124	02	FILLER	BL=2	332	DNM=7-124	DS 1C	DISP				
DNM=7-146	88	VSIO-FILE-OPEN			DNM=7-146						
DNM=7-174	88	VSIO-FILE-CLOSED			DNM=7-174						

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=7-204	02	FILLER	BL=2	333	DNM=7-204	DS 161C	DISP				
DNM=7-223	01	COURSE-TABLE-RECORD	BL=2	3D8	DNM=7-223	DS 0CL56	GROUP				
DNM=7-255	02	CTR-DEPARTMENT	BL=2	3D8	DNM=7-255	DS 2C	DISP-NM				
DNM=7-282	02	CTR-NUMBER	BL=2	3DA	DNM=7-282	DS 3C	DISP-NM				
DNM=7-302	02	CTR-DESCRIPTION	BL=2	3DD	DNM=7-302	DS 50C	DISP				
DNM=7-327	02	CTR-CREDIT-HOURS	BL=2	40F	DNM=7-327	DS 1C	DISP-NM				
DNM=7-353	01	SECTION-TABLE-FILE	BL=2	410	DNM=7-353	DS 0CL196	GROUP				
DNM=7-387	02	VSIO-DDNAME	BL=2	410	DNM=7-387	DS 8C	DISP				
DNM=7-411	02	VSIO-ORGANIZATION	BL=2	418	DNM=7-411	DS 4C	DISP				
DNM=7-441	02	VSIO-ACCESS	BL=2	41C	DNM=7-441	DS 10C	DISP				
DNM=7-465	02	VSIO-MODE	BL=2	426	DNM=7-465	DS 6C	DISP				
DNM=8-000	02	VSIO-RECORD-LENGTH	BL=2	42C	DNM=8-000	DS 2C	COMP				
DNM=8-031	02	VSIO-KEY-ARGUMENT	BL=2	42E	DNM=8-031	DS 0CL4	GROUP				
DNM=8-064	03	VSIO-KEY-POSITION	BL=2	42E	DNM=8-064	DS 2C	COMP				
DNM=8-094	03	VSIO-KEY-LENGTH	BL=2	430	DNM=8-094	DS 2C	COMP				
DNM=8-122	02	VSIO-RELATIVE-RECORD	BL=2	42E	DNM=8-122	DS 4C	COMP	R			
DNM=8-155	02	FILLER	BL=2	432	DNM=8-155	DS 1C	DISP				
DNM=8-177	88	VSIO-FILE-OPEN			DNM=8-177						
DNM=8-205	88	VSIO-FILE-CLOSED			DNM=8-205						
DNM=8-235	02	FILLER	BL=2	433	DNM=8-235	DS 161C	DISP				
DNM=8-254	01	SECTION-TABLE-RECORD	BL=2	4D8	DNM=8-254	DS 0CL17	GROUP				
DNM=8-287	02	STR-DEPARTMENT	BL=2	4D8	DNM=8-287	DS 2C	DISP-NM				
DNM=8-311	02	STR-COURSE	BL=2	4DA	DNM=8-311	DS 3C	DISP-NM				
DNM=8-331	02	STR-NUMBER	BL=2	4DD	DNM=8-331	DS 1C	DISP-NM				
DNM=8-354	02	STR-DESCRIPTION	BL=2	4DE	DNM=8-354	DS 11C	DISP				
DNM=8-379	01	PRINT-SWITCH	BL=2	4F0	DNM=8-379	DS 1C	DISP-NM				
DNM=8-401	RD	STUDENT-REPORT			DNM=8-401						
DNM=8-427	01	CTL.LVL	BL=2	4F8	DNM=8-427	DS 2P	COMP-3				
DNM=8-447	01	TER.COD	BL=2	500	DNM=8-447	DS 1C	DISP				
DNM=8-464	01	FRS.GEN	BL=2	508	DNM=8-464	DS 1C	DISP				
DNM=8-481	01	LIN.SAV	BL=2	510	DNM=8-481	DS 2C	COMP				
DNM=9-000	01	FRS.GRP	BL=2	518	DNM=9-000	DS 1C	DISP				
DNM=9-017	01	ABS.LIN	BL=2	520	DNM=9-017	DS 2C	COMP				
DNM=9-037	01	LIN.NUM	BL=2	528	DNM=9-037	DS 2P	COMP-3				
DNM=9-054	77	-0002	BL=2	52A	DNM=9-054	DS 7C	DISP				
DNM=9-069	77	-0003	BL=2	531	DNM=9-069	DS 7C	DISP				
DNM=9-087	77	-0004	BL=2	538	DNM=9-087	DS 2C	DISP-NM				
DNM=9-102	77	-0005	BL=2	53A	DNM=9-102	DS 2C	DISP-NM				
DNM=9-117	01	LINE-COUNTER	BL=2	540	DNM=9-117	DS 3P	COMP-3				
DNM=9-139	01	PAGE-COUNTER	BL=2	548	DNM=9-139	DS 3P	COMP-3				
DNM=9-161	01	RPT.RCD	BL=2	550	DNM=9-161	DS 0CL133	GROUP				
DNM=9-181	02	CTL.CHR	BL=2	550	DNM=9-181	DS 1C	DISP				
DNM=9-198	02	RPT.LIN	BL=2	551	DNM=9-198	DS 132C	DISP				
DNM=9-215	02	E.0001	BL=2	551	DNM=9-215	DS 8C	DISP	R			
DNM=9-234	02	E.0002	BL=2	56C	DNM=9-234	DS 25C	DISP	R			
DNM=9-250	02	E.0003	BL=2	598	DNM=9-250	DS 4C	DISP	R			
DNM=9-266	02	E.0004	BL=2	59D	DNM=9-266	DS 4C	NM-EDIT	R			
DNM=9-289	02	E.0005	BL=2	551	DNM=9-289	DS 7C	DISP-NM	R			
DNM=9-305	02	E.0006	BL=2	55A	DNM=9-305	DS 22C	DISP	R			
DNM=9-321	02	E.0007	BL=2	585	DNM=9-321	DS 6C	DISP	R			
DNM=9-337	02	E.0008	BL=2	55A	DNM=9-337	DS 25C	DISP	R			
DNM=9-353	02	E.0009	BL=2	55A	DNM=9-353	DS 15C	DISP	R			
DNM=9-369	02	E.0010	BL=2	574	DNM=9-369	DS 2C	DISP	R			
DNM=9-388	02	E.0011	BL=2	577	DNM=9-388	DS 5C	DISP-NM	R			
DNM=9-407	02	E.0012	BL=2	585	DNM=9-407	DS 6C	DISP	R			

INTRNL NAME	LVL	SOURCE	NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=9-423	02	E.0013		BL=2	58C	DNM=9-423	DS 3C	DISP	R			
DNM=9-439	02	E.0014		BL=2	55A	DNM=9-439	DS 30C	DISP	R			
DNM=9-458	02	E.0015		BL=2	55A	DNM=9-458	DS 3C	DISP-NM	R			
DNM=9-477	02	E.0016		BL=2	55D	DNM=9-477	DS 1C	DISP	R			
DNM=10-000	02	E.0017		BL=2	55E	DNM=10-000	DS 1C	DISP-NM	R			
DNM=10-019	02	E.0018		BL=2	560	DNM=10-019	DS 1C	DISP	R			
DNM=10-035	02	E.0019		BL=2	561	DNM=10-035	DS 1C	DISP-NM	R			
DNM=10-051	02	E.0020		BL=2	562	DNM=10-051	DS 1C	DISP	R			
DNM=10-067	02	E.0021		BL=2	564	DNM=10-067	DS 46C	DISP	R			
DNM=10-083	02	E.0022		BL=2	593	DNM=10-083	DS 11C	DISP	R			
DNM=10-099	02	E.0023		BL=2	55A	DNM=10-099	DS 21C	DISP	R			
DNM=10-115	02	E.0024		BL=2	570	DNM=10-115	DS 3C	NM-EDIT	R			
DNM=10-141	01	N.0001		BL=2	5D8	DNM=10-141	DS 2C	COMP				
DNM=10-160	01	N.0002		BL=2	5E0	DNM=10-160	DS 2C	COMP				
DNM=10-176	01	N.0003		BL=2	5E8	DNM=10-176	DS 2C	COMP				
DNM=10-195	01	N.0004		BL=2	5F0	DNM=10-195	DS 2C	COMP				
DNM=10-214	01	GRP.IND		BL=2	5F8	DNM=10-214	DS 0CL1	GROUP				
DNM=10-234	02	GP.0000		BL=2	5F8	DNM=10-234	DS 1C	DISP				
DNM=10-251	01	S.0001		BL=2	600	DNM=10-251	DS 2P	COMP-3				

```
*STATISTICS*      SOURCE RECORDS =   620      DATA DIVISION STATEMENTS =   145      PROCEDURE DIVISION STATEMENTS =   125
*OPTIONS IN EFFECT*  SIZE = 2097152  BUF = 1048576  LINECNT = 57  SPACE1, FLAGW,  SEQ,  SOURCE
*OPTIONS IN EFFECT*    DMAP, NOPMAP, NOCLIST,  SUPMAP, NOXREF,  LOAD, NODECK, APOST, NOTRUNC,  LIB, NOVERB
*OPTIONS IN EFFECT*    ZWB
```

F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED LIST,XREF,LET
DEFAULT OPTION(S) USED - SIZE=(231424,55296)

CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY							
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
KSDSMULT	00	1FD2								
ILBODSP0*	1FD8	700								
ILBODTE0*	26D8	12A								
			ILBODTE1	26E2						
ILBOSPA0*	2808	2D8								
ILBOSTP0*	2AE0	35								
			ILBOSTP1	2AF6						
VSAMIO *	2B18	D0A								

LOCATION	REFERS TO	SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO	SYMBOL	IN CONTROL SECTION
A58		ILBOSTP0	ILBOSTP0	A5C		ILBODTE0	ILBODTE0
A60		ILBOSPA0	ILBOSPA0	A64		VSAMIO	VSAMIO
A68		ILBOSTP1	ILBOSTP0	A6C		ILBODSP0	ILBODSP0

ENTRY ADDRESS 00

TOTAL LENGTH 3828

***RUN DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET

AUTHORIZATION CODE IS 0.

0025654 SAMANTHA D. LABROIE FEMALE
3023 SEASIDE AVENUE
WEST PALM BEACH FL 33406 MAJOR: BA

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0034591 NELSON E. CHILDRESS MALE
6323 ROSA LINDA STREET
FALLS VILLAGE CT 06031 MAJOR: MAT

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0040736 ELIZABETH W. GLOVER FEMALE
6117 MILLBROOK STREET
ROSWELL GA 30075 MAJOR: PHS

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0043415 ROLAND D. JOHNSON MALE
185 VAN ZANDT PLACE
OKLAHOMA CITY OK 73120 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0054796 MIKE T. RICHARDS MALE
258 WINDWOOD ROAD
ST. CLAIR MI 48048 MAJOR: CHE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY MWF 8:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0072697 HANNAH E. NORTON
268 GRANT COURT
KEARNEY

NE 68848

FEMALE

MAJOR: EDU

ART

100-1 (3) ART APPRECIATION

MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY

TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY

MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS

TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0099174 CINDY D. MCQUEEN FEMALE
8589 PECAN VALLEY STREET
BALDWIN MO 63022 MAJOR: ENG

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

ENGLISH

101-1 (3) COMPOSITION MWF 8:00AM
102-1 (3) INTRODUCTION TO LITERARY TYPES MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0120756 SARAH V. MCKENZIE FEMALE
4292 SEABREEZE COURT MA 02130 MAJOR: EDU
BOSTON

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0136491 LAURIE B. REED
3022 GARRETT PLACE
AUSTIN

TX 78759

FEMALE
MAJOR: PHS

ART

100-2 (3) ART APPRECIATION
370-3 (3) PAINTING III

TTH 8:00AM
MWF 9:00AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0139894 SAMANTHA I. HASTINGS FEMALE
8541 MICHIGAN STREET TX 78216 MAJOR: ART
SAN ANTONIO

ART

100-1 (3) ART APPRECIATION	MWF	8:00AM
150-1 (3) SCULPTURE I	TTH	9:30AM
370-2 (3) PAINTING III	TTH	8:00AM

BUSINESS

210-1 (3) BUSINESS COMMUNICATION	MWF	9:00AM
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TOTAL HOURS ENROLLED: 12

0141670 RICHARD A. GARLAND MALE
1933 MILL MOUNTAIN AVENUE
SAN ANTONIO TX 78216 MAJOR: MAT

ART

100-2 (3) ART APPRECIATION	TTH 8:00AM
150-1 (3) SCULPTURE I	TTH 9:30AM
370-3 (3) PAINTING III	MWF 9:00AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS	MWF 8:00AM
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TOTAL HOURS ENROLLED: 12

0152570 HEATHER J. HORTON FEMALE
1774 MILLBROOK AVENUE
FALLS VILLAGE CT 06031 MAJOR: CHE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY MWF 8:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0166305 HEATHER J. MORENO FEMALE
637 ELLIS AVENUE
RIVERSIDE NJ 08370 MAJOR: CHE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY MWF 8:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0176560 ARNOLD O. HILLFORD
6786 MEADOW STREET
FALLS VILLAGE

CT 06031

MALE

MAJOR: EDU

ART

100-2 (3) ART APPRECIATION

TTH 8:00AM

150-1 (3) SCULPTURE I

TTH 9:30AM

370-3 (3) PAINTING III

MWF 9:00AM

EDUCATION

301-1 (3) THE TEACHING OF READING

MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0190433 CINDY E. NOELKE FEMALE
936 WINDTREE CIRCLE
ANCHORAGE AK 99508 MAJOR: BIO

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0194091 DEBRA A. NEWTON FEMALE
6701 SUN MEADOW CIRCLE
ANCHORAGE AK 99508 MAJOR: BA

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0202663 RICHARD O. HAMMOND
2300 EDMUND CIRCLE
HATTERAS

NC 27943

MALE

MAJOR: ENG

ART

100-2 (3) ART APPRECIATION

TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY

MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY

TTH 9:30AM

ENGLISH

101-1 (3) COMPOSITION

MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0208198 JACK D. MEEHAN MALE
7174 COBBS STREET
OKLAHOMA CITY OK 73120 MAJOR: BA

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

BUSINESS

200-1 (3) INTRODUCTION TO BUSINESS MWF 8:00AM
210-1 (3) BUSINESS COMMUNICATION MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0223563 KATHRYN I. SCHWAB
788 TWILIGHT ROAD
KNOXVILLE

TN 37932

FEMALE

MAJOR: CSC

ART

100-3 (3) ART APPRECIATION

MWF 9:00AM

370-2 (3) PAINTING III

TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION

TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY

MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0243012 DIANE G. NOELKE FEMALE
5460 ELLIS AVENUE
ANCHORAGE AK 99508 MAJOR: ART

ART

100-1 (3) ART APPRECIATION	MWF 8:00AM
150-1 (3) SCULPTURE I	TTH 9:30AM
370-2 (3) PAINTING III	TTH 8:00AM

BUSINESS

210-1 (3) BUSINESS COMMUNICATION	MWF 9:00AM
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TOTAL HOURS ENROLLED: 12

0243815 JIM N. MEEHAN MALE
892 SAND CREEK STREET ID 83714 MAJOR: PHS
BOISE

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS MWF 8:00AM

TOTAL HOURS ENROLLED: 13

0244106 JACOB T. WINSTON MALE
7563 LIVE OAK STREET
PHOENIX AZ 85040 MAJOR: ART

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0285887 EVERETT K. VANACKER MALE
160 COLISEUM STREET
SALT LAKE CITY UT 84109 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0289051 ANN H. BURNETT FEMALE
644 PARKER ROAD
NEWPORT RI 02840 MAJOR: ENG

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

ENGLISH

101-1 (3) COMPOSITION MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0291088 ERNIE S. CHILDRESS MALE
3921 HANOVER STREET
GREENVILLE KY 42345 MAJOR: EDU

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0297566 LARRY H. ALAN MALE
538 VILLA PARK AVENUE
ST. CLAIR MI 48048 MAJOR: PE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

PHYSICAL EDUCATION

110-1 (1) BEGINNING DANCE MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0306654 CALVIN B. RODGERS
916 DESERT STREET
FREMONT

CA 94538

MALE

MAJOR: EDU

ART

100-2 (3) ART APPRECIATION

TTH 8:00AM

370-3 (3) PAINTING III

MWF 9:00AM

EDUCATION

301-1 (3) THE TEACHING OF READING

MWF 8:00AM

303-1 (3) MATHEMATICS FOR THE ELEMENTARY CHILD

TTH 9:30AM

TOTAL HOURS ENROLLED: 12

0318326 LOUISE L. PARKER
345 ATOLL STREET
MINNEAPOLIS

MN 55437

FEMALE

MAJOR: ART

ART

100-1 (3) ART APPRECIATION

MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY

TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY

MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS

TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0322868 JANET F. NORRIS FEMALE
8817 LINCOLN BLVD
BALDWIN MO 63022 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0331623 LUCY B. LANDERS FEMALE
9830 LIVE OAK BLVD
FALLS VILLAGE CT 06031 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0342751 MARILYN W. JACOBY FEMALE
440 TWILIGHT STREET
ALBUQUERQUE NM 87108 MAJOR: BA

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

200-1 (3) INTRODUCTION TO BUSINESS MWF 8:00AM

BIOLOGY

100-4 (4) GENERAL BIOLOGY TTH 9:30AM

TOTAL HOURS ENROLLED: 13

0356637 KAREN A. TUCKER FEMALE
2123 MILL MOUNTAIN BLVD
ALBUQUERQUE NM 87108 MAJOR: MAT

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0358768 EVERETT R. PARRISH MALE
773 SIERRA VISTA BLVD
SAN ANGELO TX 76903 MAJOR: ENG

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

ENGLISH

101-1 (3) COMPOSITION MWF 8:00AM
102-1 (3) INTRODUCTION TO LITERARY TYPES MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0365482 BETTY J. NEWTON FEMALE
2349 SEASIDE AVENUE
SPARKS NV 89431 MAJOR: PHS

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS MWF 8:00AM

TOTAL HOURS ENROLLED: 13

0366869 EVELYN C. LANDERS FEMALE
2078 COLISEUM STREET
BATON ROUGE LA 70805 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0371633 HELEN C. BENSON FEMALE
6969 MILL MOUNTAIN AVENUE
DENTON TX 76201 MAJOR: PHS

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS MWF 8:00AM

TOTAL HOURS ENROLLED: 13

0395489 JACK S. HASTINGS
8646 BALBOA STREET
KANSAS CITY

MO 64118

MALE

MAJOR: BIO

ART

100-2 (3) ART APPRECIATION
370-3 (3) PAINTING III

TTH 8:00AM
MWF 9:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0405326 CALVIN B. BRYANT MALE
536 HORSESHOE CIRCLE
PHOENIX AZ 85040 MAJOR: BA

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

200-1 (3) INTRODUCTION TO BUSINESS MWF 8:00AM

BIOLOGY

100-4 (4) GENERAL BIOLOGY TTH 9:30AM

TOTAL HOURS ENROLLED: 13

0427620 TED R. MCKAY MALE
777 STRAWBERRY STREET
RIVERSIDE NJ 08370 MAJOR: BA

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0464796 LAURIE N. TEASDALE FEMALE
396 ROSEWOOD STREET
SAN ANTONIO TX 78216 MAJOR: CHE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY MWF 8:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0466722 TAMMY T. NEWBURY FEMALE
8255 ROSEWOOD STREET
ALBUQUERQUE NM 87108 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0467007 LARRY W. WINSTON
602 TAPPAN STREET
ATLANTA

GA 30305

MALE

MAJOR: ART

ART

100-1 (3) ART APPRECIATION

MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY

TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY

MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS

TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0478623 KIMBERLY G. GLOVER FEMALE
7677 LIVE OAK PLACE
EUGENE OR 97402 MAJOR: MAT

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0487226 CHARLES K. HALL
264 LAKEFRONT BLVD
PHOENIX

AZ 85040

MALE

MAJOR: EDU

ART

100-2 (3) ART APPRECIATION

TTH 8:00AM

150-1 (3) SCULPTURE I

TTH 9:30AM

370-3 (3) PAINTING III

MWF 9:00AM

EDUCATION

301-1 (3) THE TEACHING OF READING

MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0552068 TED D. MULL MALE
323 WESTRIDGE ROAD
LAGO VISTA TX 78645 MAJOR: BIO

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0555590 CAITLIN I. MEEHAN FEMALE
211 GUADLAUPE ROAD TX 76201 MAJOR: MAT
DENTON

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0560806 HOWARD B. HODGES
9889 INDUSTRIAL STREET
ROCHESTER

NY 03840

MALE

MAJOR: MAT

ART

100-2 (3) ART APPRECIATION

TTH 8:00AM

370-3 (3) PAINTING III

MWF 9:00AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS

MWF 8:00AM

105-1 (3) COLLEGE ALGEBRA

TTH 9:30AM

TOTAL HOURS ENROLLED: 12

0566030 CYBIL M. CONLEY
5786 FOREST ROAD
TAMPA

FL 33619

FEMALE

MAJOR: PHS

ART

100-3 (3) ART APPRECIATION

MWF 9:00AM

370-2 (3) PAINTING III

TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION

TTH 9:30AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS

MWF 8:00AM

TOTAL HOURS ENROLLED: 13

0574793 WANDA I. LARUE FEMALE
730 LIVE OAK CIRCLE
CHARLOTTE NC 28262 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0575617 RUSSELL S. ERICKSON MALE
548 FOREST AVENUE
LA HABRA CA 90631 MAJOR: PE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

PHYSICAL EDUCATION

110-1 (1) BEGINNING DANCE MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0591132 ERNIE E. GLASSMAN MALE
908 WESTRIDGE ROAD TX 76903 MAJOR: PE
SAN ANGELO

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM
370-3 (3) PAINTING III MWF 9:00AM

BUSINESS

231-1 (3) MANAGEMENT MWF 10:00AM

BIOLOGY

200-2 (4) INTRODUCTION TO HUMAN GENETICS TTH 11:00AM

PHYSICAL EDUCATION

110-1 (1) BEGINNING DANCE MWF 8:00AM

TOTAL HOURS ENROLLED: 17

0597225 JIM O. AUSTIN MALE
355 KOBERLIN STREET
GRAND RAPIDS MN 55745 MAJOR: BIO

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY MWF 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0610936 BOB A. SCHAEFER
9049 SAND CREEK AVENUE
PONCA CITY

OK 74603

MALE
MAJOR: PHS

ART

100-2 (3) ART APPRECIATION
370-3 (3) PAINTING III

TTH 8:00AM
MWF 9:00AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0612082 MARGUERITE K. HASTINGS FEMALE
345 BIENVILLE STREET
ENGLEWOOD CO 80112 MAJOR: MAT

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM
105-1 (3) COLLEGE ALGEBRA TTH 9:30AM

TOTAL HOURS ENROLLED: 12

0612533 RONALD I. HODGES MALE
9037 DESERT STREET
KNOXVILLE TN 37932 MAJOR: CHE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY MWF 8:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0625143 ARNOLD W. PARRISH MALE
6374 BRIARGLEN STREET
DES PLAINES IL 60018 MAJOR: PE

ART

100-3 (3) ART APPRECIATION MWF 9:00AM

370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

BIOLOGY

200-1 (4) INTRODUCTION TO HUMAN GENETICS MWF 10:00AM

PHYSICAL EDUCATION

110-1 (1) BEGINNING DANCE MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0637591 EVERETT H. BURNETT
230 HANOVER STREET
ROANOAK

VA 24014

MALE

MAJOR: EDU

ART

100-2 (3) ART APPRECIATION

TTH 8:00AM

150-1 (3) SCULPTURE I

TTH 9:30AM

370-3 (3) PAINTING III

MWF 9:00AM

EDUCATION

301-1 (3) THE TEACHING OF READING

MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0643686 PETER H. HASTINGS
186 TAPPAN PLACE
CHICAGO

IL 60611

MALE
MAJOR: BA

ART

100-2 (3) ART APPRECIATION
150-1 (3) SCULPTURE I

TTH 8:00AM
TTH 9:30AM

BUSINESS

200-1 (3) INTRODUCTION TO BUSINESS
210-1 (3) BUSINESS COMMUNICATION

MWF 8:00AM
MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0647893 SAMANTHA B. HORTON FEMALE
1389 ROBINHOOD STREET
JUNEAU AK 99801 MAJOR: BA

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

200-1 (3) INTRODUCTION TO BUSINESS MWF 8:00AM

BIOLOGY

100-4 (4) GENERAL BIOLOGY TTH 9:30AM

TOTAL HOURS ENROLLED: 13

0687119 LARRY V. WEAVER
3903 BRIGHT STREET
DOWNEY

CA 90302

MALE

MAJOR: CHE

ART

100-2 (3) ART APPRECIATION
370-3 (3) PAINTING III

TTH 8:00AM
MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0687191 CALVIN D. LABROIE
841 SHERIDAN CIRCLE
TAMPA

FL 33619

MALE

MAJOR: PHS

ART

100-2 (3) ART APPRECIATION

TTH 8:00AM

370-3 (3) PAINTING III

MWF 9:00AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0700304 MARGUERITE N. HILLFORD FEMALE
1769 WILSHIRE ROAD TX 79702 MAJOR: MAT
MIDLAND

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0713816 TED A. FRANKLIN MALE
2964 SHERWOOD STREET
PALM DESERT CA 92211 MAJOR: PE

ART

100-3 (3) ART APPRECIATION MWF 9:00AM

370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

BIOLOGY

200-1 (4) INTRODUCTION TO HUMAN GENETICS MWF 10:00AM

PHYSICAL EDUCATION

110-1 (1) BEGINNING DANCE MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0717587 DANIEL R. MCKAY MALE
869 MILL MOUNTAIN ROAD
TULSA OK 74135 MAJOR: BA

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

BUSINESS

200-1 (3) INTRODUCTION TO BUSINESS MWF 8:00AM
210-1 (3) BUSINESS COMMUNICATION MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0722338 WILLIAM K. HALL MALE
318 WESTRIDGE ROAD TX 76201 MAJOR: PHS
DENTON

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS MWF 8:00AM

TOTAL HOURS ENROLLED: 15

0728987 SHARON T. YAEGER FEMALE
1323 VILLA PARK STREET
DETROIT MI 48205 MAJOR: CHE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY MWF 8:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0740764 ZELDA E. MCKENZIE FEMALE
1351 BUCKLEY STREET
KANSAS CITY MO 64118 MAJOR: PE

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

BIOLOGY

200-1 (4) INTRODUCTION TO HUMAN GENETICS MWF 10:00AM

PHYSICAL EDUCATION

110-1 (1) BEGINNING DANCE MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0748067 EVERETT I. RAMSEY MALE
534 INDUSTRIAL AVENUE
PHOENIX AZ 85040 MAJOR: PE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM
370-3 (3) PAINTING III MWF 9:00AM

BUSINESS

231-1 (3) MANAGEMENT MWF 10:00AM

BIOLOGY

200-2 (4) INTRODUCTION TO HUMAN GENETICS TTH 11:00AM

PHYSICAL EDUCATION

110-1 (1) BEGINNING DANCE MWF 8:00AM

TOTAL HOURS ENROLLED: 17

0748758 JACOB K. PARKER
1510 SUNSET COURT
SANTA FE

NM 87501

MALE

MAJOR: BIO

ART

100-2 (3) ART APPRECIATION
370-3 (3) PAINTING III

TTH 8:00AM
MWF 9:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0755610 TAMMY L. NORRIS FEMALE
658 BRIARGLEN ROAD MAJOR: EDU
WASHINGTON DC 20009

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0757139 JOAN L. GARLAND
9268 HEDGEWOOD COURT
SPRING

TX 77373

FEMALE
MAJOR: BIO

ART

100-2 (3) ART APPRECIATION
370-3 (3) PAINTING III

TTH 8:00AM
MWF 9:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0766116 RONALD M. GARLAND
514 HILLSIDE ROAD
OKLAHOMA CITY

OK 73120

MALE

MAJOR: ART

ART

100-1 (3) ART APPRECIATION

MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY

TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY

MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS

TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0778839 JOHN J. JACKSON
932 BURWELL CIRCLE
BRIDGEPORT

CT 06605

MALE

MAJOR: BIO

ART

100-2 (3) ART APPRECIATION
370-3 (3) PAINTING III

TTH 8:00AM
MWF 9:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0790544 THELMA I. RODGERS FEMALE
8625 HILLSIDE PLACE
SAN ANGELO TX 76903 MAJOR: BIO

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY MWF 8:00AM

TOTAL HOURS ENROLLED: 13

0791357 LOUISE W. HARMON FEMALE
7886 ATOLL STREET
JUNEAU AK 99801 MAJOR: BA

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0793297 LARRY C. GERBLICK MALE
455 KINGS RIDGE ROAD
SAN FRANCISCO CA 94105 MAJOR: EDU

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0793617 CLIFF N. WHITE MALE
8002 BRIARGLEN CIRCLE
ANNAPOLIS MD 21402 MAJOR: BIO

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY MWF 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0809327 RUTH H. FRANKLIN FEMALE
347 WHITE SANDY COURT
PRESCOTT AZ 86314 MAJOR: MAT

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0822928 DAWN I. FITZGERALD FEMALE
661 RIVER OAKS BLVD
ST. CLAIR MI 48048 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0825790 LOUIS E. AUSTIN MALE
906 CARBONDALE COURT
KNOXVILLE TN 37932 MAJOR: PHS

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0836832 BRENDA F. TUCKER FEMALE
605 ROSEWOOD CIRCLE
ALBUQUERQUE NM 87108 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0853058 CINDY O. MCKAY FEMALE
984 PARKWAY STREET
BINGHAMTON NY 11704 MAJOR: MAT

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM
105-1 (3) COLLEGE ALGEBRA TTH 9:30AM

TOTAL HOURS ENROLLED: 12

0853466 CLARA T. MORENO FEMALE
3204 CARBONDALE PLACE
TULSA OK 74135 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM

TOTAL HOURS ENROLLED: 14

0857212 VIRGINIA A. PETERSON FEMALE
7414 MEADOW CIRCLE
DENVER CO 80256 MAJOR: MAT

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM
370-3 (3) PAINTING III MWF 9:00AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0858241 PATTY S. VANACKER FEMALE
205 STRAWBERRY ROAD
ROANOAK VA 24014 MAJOR: EDU

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

EDUCATION

301-1 (3) THE TEACHING OF READING MWF 8:00AM
303-1 (3) MATHEMATICS FOR THE ELEMENTARY CHILD TTH 9:30AM

TOTAL HOURS ENROLLED: 12

0881002 ROLAND F. BRYANT
527 HILLSIDE STREET
DENTON

TX 76201

MALE

MAJOR: MAT

ART

100-3 (3) ART APPRECIATION

MWF 9:00AM

370-2 (3) PAINTING III

TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION

TTH 9:30AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS

MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0888561 ERNIE A. HALL MALE
369 GUADLAUPE CIRCLE
LOUISVILLE KY 40207 MAJOR: CHE

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0892174 BETTY P. DRAKE FEMALE
7925 BRIARGLEN CIRCLE
ALBANY NY 12206 MAJOR: CSC

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
150-1 (3) SCULPTURE I TTH 9:30AM

COMPUTER SCIENCE

101-1 (3) COMPUTER LITERACY MWF 8:00AM
201-1 (3) INTRODUCTION TO COMPUTING MWF 9:00AM

TOTAL HOURS ENROLLED: 12

0928546 JOSEPH R. SMITH
7615 ATOLL PLACE
TAMPA

FL 33619

MALE

MAJOR: CHE

ART

100-2 (3) ART APPRECIATION
370-3 (3) PAINTING III

TTH 8:00AM
MWF 9:00AM

CHEMISTRY

150-1 (4) CONCEPTS OF CHEMISTRY

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0935786 ROBERT I. BARBER
925 PARKER BLVD
DENTON

TX 76201

MALE

MAJOR: PHS

ART

100-2 (3) ART APPRECIATION

TTH 8:00AM

370-3 (3) PAINTING III

MWF 9:00AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS

MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0965296 YOLANDA C. LARUE FEMALE
818 MILL MOUNTAIN BLVD
VALPARAISO IN 46383 MAJOR: BIO

ART

100-2 (3) ART APPRECIATION TTH 8:00AM

BIOLOGY

100-1 (4) GENERAL BIOLOGY MWF 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0967407 JANET V. TEASDALE FEMALE
456 HEDGEWOOD CIRCLE IL 60611 MAJOR: PHS
CHICAGO

ART

100-2 (3) ART APPRECIATION TTH 8:00AM
370-3 (3) PAINTING III MWF 9:00AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS MWF 8:00AM

TOTAL HOURS ENROLLED: 10

0967791 LUCY I. POWERS FEMALE
1146 BUCKLEY ROAD
ALBUQUERQUE NM 87108 MAJOR: EDU

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BIOLOGY

100-2 (4) GENERAL BIOLOGY TTH 8:00AM

CHEMISTRY

150-3 (4) CONCEPTS OF CHEMISTRY MWF 9:00AM

ECONOMICS

150-4 (3) ECONOMIC CONCEPTS TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0968791 BEVERLY L. RICHARDS
8040 SHORE CIRCLE
TULSA

OK 74135

FEMALE
MAJOR: PHS

ART

100-3 (3) ART APPRECIATION

MWF 9:00AM

370-2 (3) PAINTING III

TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION

TTH 9:30AM

PHYSICS

140-1 (4) CONCEPTS OF PHYSICS

MWF 8:00AM

TOTAL HOURS ENROLLED: 13

0970626 JILL K. JENNINGS FEMALE
6941 SOUTHLAND STREET
COLUMBUS GA 31997 MAJOR: MAT

ART

100-3 (3) ART APPRECIATION MWF 9:00AM
370-2 (3) PAINTING III TTH 8:00AM

BUSINESS

210-2 (3) BUSINESS COMMUNICATION TTH 9:30AM

MATHEMATICS

100-1 (3) INTRODUCTION TO MODERN MATHEMATICS MWF 8:00AM

TOTAL HOURS ENROLLED: 12

0979347 TOM T. COOK MALE
829 PARSON CIRCLE
MISSOULA MT 59802 MAJOR: EDU

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BUSINESS

200-2 (3) INTRODUCTION TO BUSINESS TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

TOTAL HOURS ENROLLED: 14

0982436 JOSEPH H. THATCHER MALE
246 WILSHIRE STREET
JUNEAU AK 99801 MAJOR: EDU

ART

100-1 (3) ART APPRECIATION MWF 8:00AM

BUSINESS

200-2 (3) INTRODUCTION TO BUSINESS TTH 8:00AM

BIOLOGY

100-3 (4) GENERAL BIOLOGY MWF 9:00AM

CHEMISTRY

150-4 (4) CONCEPTS OF CHEMISTRY TTH 9:30AM

TOTAL HOURS ENROLLED: 14