WAT Portfolio Pilot Spring 2004 Report

De Anza Research
Draft, November 30, 2004

Methodology

Spring 2004 grades for EWRT100B and EWRT160 were compared for students participating in pilot portfolio ("Portfolio Students") sections, with students not involved with portfolios ("Not in Pilot"). There were 5 EWRT100B sections with Portfolio Students and 14 sections Not in Pilot. The 34 sections of EWRT160 in spring 2004 included both Portfolio Students and students Not in Pilot. LART100.2D was not included because there was no concurrent enrollment in the lab LART170. The EWRT100B sections participating in the spring 2004 pilot were as follows:

EWRT100B04D – Shively, EWRT100B15D - Shively
EWRT100B09 – Quigley, EWRT100B10 – Helfman, EWRT100B13 – Chow.

There appear to be some minor differences between the two groups of students in terms of gender, educational goal, and start term. The graphs listed under Sample Statistics on the next page indicate that the Portfolio Students as a group had a higher percentage of male students, were more oriented towards transfer or obtaining a degree, and tended to have started at De Anza in the previous summer of fall. Since the cell sizes are small, the differences may not be relevant from a policy perspective; similar statistics for fall 2004 data will be reviewed to determine if the differences in demographics hold with a larger portfolio group.
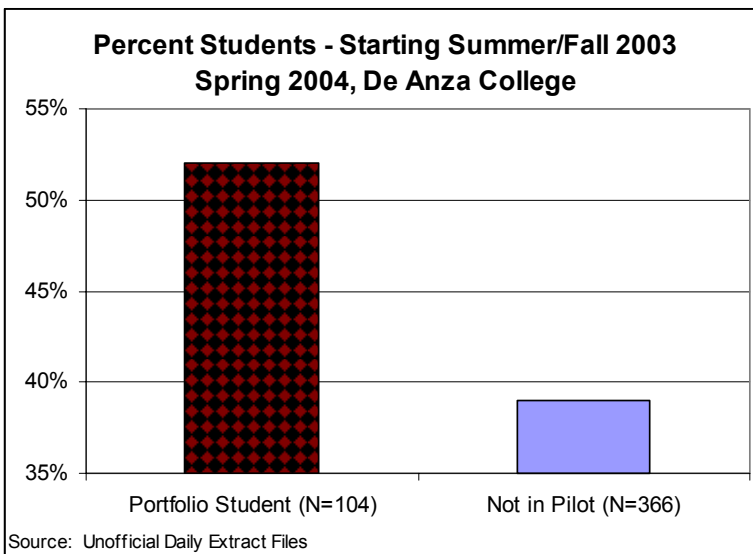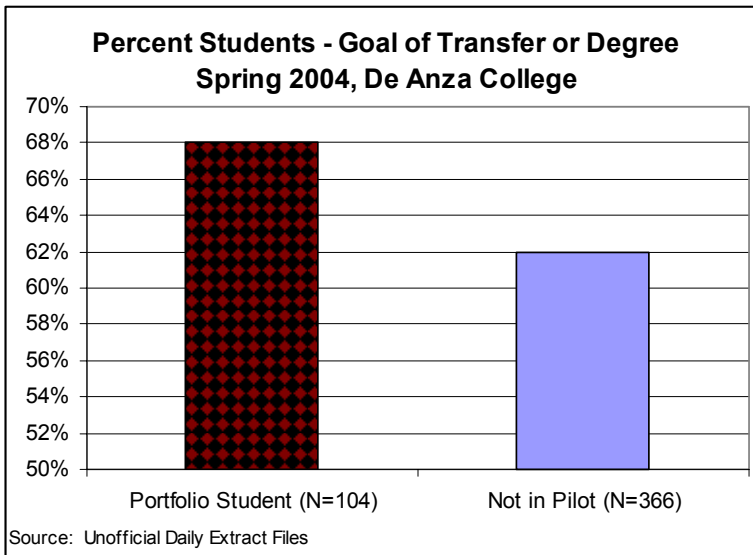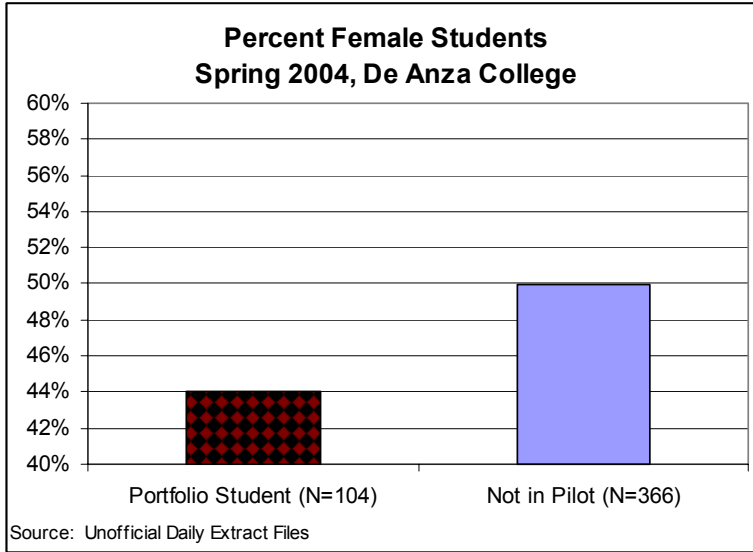
The following sections are participating in fall 2004:

EWRT100B03, EWRT100B06, EWRT100B10, EWRT100B12, EWRT100B13, EWRT100B14, EWRT100B20, EWRT100B21, EWRT100B22, LART100.02D, LART100.03D.

Observations (see graphs on page marked Course Grades)
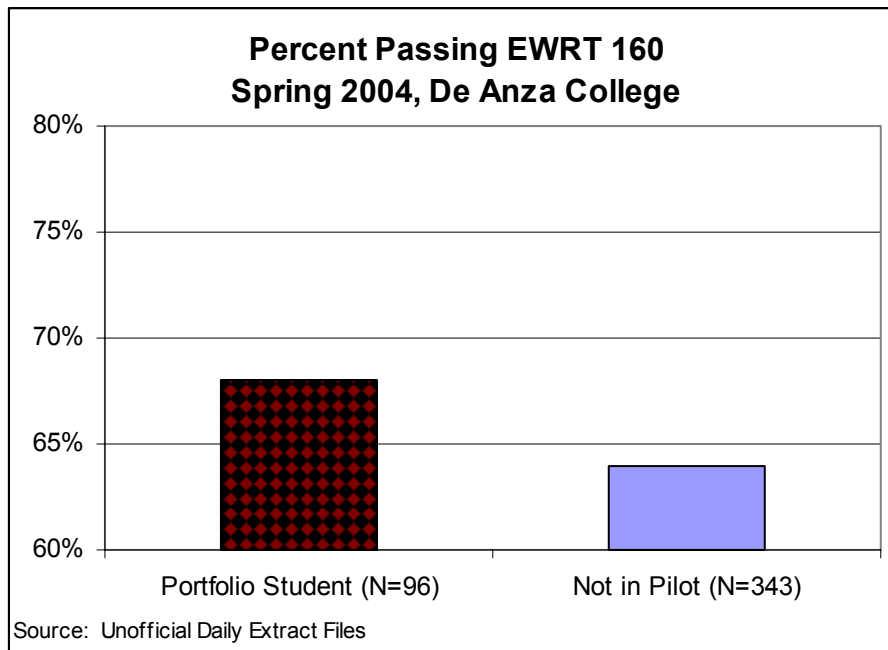
➢ For both groups of students, the pass rate is higher in EWRT100B than in EWRT160.

➢ 77% of the Portfolio Students passed EWRT100B, compared with 69% for students Not in Pilot.

➢ 68% of Portfolio Students passed EWRT160, compared with 64% for students Not in Pilot.

➢ Both groups had similar rates for students receiving a W grade, ranging from 12-15% of total grades.

Sample Statistics

**Percent Female Students
Spring 2004, De Anza College**

Source: Unofficial Daily Extract Files

**Percent Students - Goal of Transfer or Degree
Spring 2004, De Anza College**

Source: Unofficial Daily Extract Files

**Percent Students - Starting Summer/Fall 2003
Spring 2004, De Anza College**

Source: Unofficial Daily Extract Files

<u>Course Grades</u>

Percent Passing EWRT 100B
Spring 2004, De Anza College

Bar chart showing percent passing EWRT 100B. Y-axis ranges from 60% to 80%. Portfolio Student (N=90) approximately 77%. Not in Pilot (N=324) approximately 69%.

Portfolio Student (N=90)   Not in Pilot (N=324)

Source: Unofficial Daily Extract Files

Percent Passing EWRT 160
Spring 2004, De Anza College

Bar chart showing percent passing EWRT 160. Y-axis ranges from 60% to 80%. Portfolio Student (N=96) approximately 68%. Not in Pilot (N=343) approximately 64%.

Portfolio Student (N=96)   Not in Pilot (N=343)

Source: Unofficial Daily Extract Files

SQL PROGRAM

```
DROP VIEW IRPASL.WAT_CRSE_GRADES
GO
DROP VIEW IRPASL.WAT_PORTFORLIO
GO
DROP VIEW IRPASL.WAT_STUDENTS
GO
/*   */
CREATE VIEW IRPASL.WAT_CRSE_GRADES
(
INST, INST_CD, FISCAL_YEAR, TERM, TERM_CD, COURSE, SECTION_ID, SID, OFFICIAL_GRADE, GPA,
SUCCESS_GROUP, SUCCESS_IND, ETHNICITY_CD, ETHNIC_GROUP,ETHNICITY, GENDER,
DISTANCE_LEARNING_IND, WAT_SECTION_IND, RECORD_COUNT, AGE_GROUP
)
AS SELECT DISTINCT
        AL1.INSTITUTION_IDENTIFIER,
        'De Anza College',
        CASE WHEN AL1.TERM_IDENTIFIER = '2004S' THEN '2003-04'
                WHEN AL1.TERM_IDENTIFIER = '2004F' THEN '2004-05'
        ELSE 'NA' END,
        AL1.TERM_IDENTIFIER,
        CASE
                WHEN SUBSTRING (AL1.TERM_IDENTIFIER,5,1) = 'W' THEN
SUBSTRING(AL1.TERM_IDENTIFIER,1,4) + '01'
                WHEN SUBSTRING (AL1.TERM_IDENTIFIER,5,1) = 'S' THEN
SUBSTRING(AL1.TERM_IDENTIFIER,1,4) + '02'
                WHEN SUBSTRING (AL1.TERM_IDENTIFIER,5,1) = 'M' THEN
SUBSTRING(AL1.TERM_IDENTIFIER,1,4) + '03'
                WHEN SUBSTRING (AL1.TERM_IDENTIFIER,5,1) = 'F' THEN
SUBSTRING(AL1.TERM_IDENTIFIER,1,4) + '04'
                ELSE 'NA'
                END AS TERM_CD,
        AL1.COURSE_IDENTIFIER,
        AL1.SECTION_IDENTIFIER,
        AL1.STUDENT_IDENTIFIER,
        AL1.RT315_ENROLLMENT_Official_Grade,
        case when AL1.RT315_ENROLLMENT_Official_Grade = 'P' then 3
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'A' then 4
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'B' then 3
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'C' then 2
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'D' then 1
                else 0 end AS GPA,
        case when AL1.RT315_ENROLLMENT_Official_Grade = 'P' then 'Pass'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'A' then 'Pass'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'B' then 'Pass'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'C' then 'Pass'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'W' then 'Withdrew'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'WR' then 'Withdrew'
                else 'Did Not Pass' end AS SUCCESS_GROUP,
        case
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'P' then 'Y'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'A' then 'Y'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'B' then 'Y'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'C' then 'Y'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'W' then  'N'
                        when AL1.RT315_ENROLLMENT_Official_Grade = 'WR' then 'N'
                ELSE 'N' END AS SUCCESS_IND,
        AL3.Aa15G_Student_State_Ethnicity,
        AL4.Aa15G_Value_Label_General,
        AL4.Aa15G_Value_Label,
        CASE
                        WHEN AL3.Aa011_Student_Sex = 'Unrecorded' THEN 'F'
                WHEN AL3.Aa011_Student_Sex is null THEN 'F'
                ELSE AL3.Aa011_Student_Sex END AS GENDER,
        CASE
                        WHEN SUBSTRING (AL1.SECTION_IDENTIFIER,11,1 )= 'Z' THEN 'Distance Section'
                ELSE 'Traditional Section' END AS DISTANCE_LEARNING_IND,
        CASE
                        WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004SEWRT100B04D' THEN 'WAT'
```

```sql
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004SEWRT100B15D' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004SEWRT100B09' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004SEWRT100B10' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004SEWRT100B13' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004SLART100.02D' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B03' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B06' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B10' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B12' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B13' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B14' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B20' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B21' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FEWRT100B22' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FLART100.02D' THEN 'WAT'
                WHEN AL1.TERM_IDENTIFIER+(SUBSTRING (AL1.SECTION_IDENTIFIER,1,11))=
'2004FLART100.03D' THEN 'WAT'
                        ELSE 'Other' END  AS WAT_SECTION_IND,
        '1',
        CASE
                WHEN SUBSTRING (CONVERT (VARCHAR (8), AL3.Aa010_Student_Birth_Dt),1,4) < '1985' then
'20 or older'
                ELSE 'Less than 20' END
FROM
                Deborah.dbo.ENROLLMENT_REGISTRATION AL1,
                        Deborah.dbo.Applicant_Characteristics AL3
                        LEFT OUTER JOIN
                        Deborah.dbo.Applicant_Characteristics_aa15g AL4 ON (
                                AL3.Aa15G_Student_State_Ethnicity = AL4.Aa15G_Student_State_Ethnicity)
WHERE
                    AL1.INSTITUTION_IDENTIFIER = 'DA'
                AND Rt301_Enrollment_Spe_Status = 'E'
                AND (NOT AL1.RT315_ENROLLMENT_Official_Grade IS NULL)
                AND AL1.TERM_IDENTIFIER IN ('2004S', '2004F')
                        AND  AL1.INSTITUTION_IDENTIFIER =  AL3.INSTITUTION_IDENTIFIER
                        AND  AL1.TERM_IDENTIFIER = AL3.TERM_IDENTIFIER
                        AND  AL1.STUDENT_IDENTIFIER = AL3.STUDENT_IDENTIFIER
                AND AL1.TERM_IDENTIFIER + (SUBSTRING (SECTION_IDENTIFIER,1,8)) IN
                                ('2004SEWRT100B','2004SLART100.','2004SEWRT160.','2004SLART170.',
'2004SLART160.',

        '2004FEWRT100B','2004FLART100.','2004FEWRT160.','2004FLART170.', '2004FLART160.')
GO
/* */
CREATE VIEW IRPASL.WAT_STUDENTS
(
        INST,
        INST_CD,
        FISCAL_YEAR,
        TERM,
        TERM_CD,
        SID,
        WAT_SECTION_IND
)
AS SELECT DISTINCT
        INST,
        INST_CD,
```

```sql
        FISCAL_YEAR,
        TERM,
        TERM_CD,
        SID,
        WAT_SECTION_IND
FROM
        IRPASL.WAT_CRSE_GRADES
WHERE
        WAT_SECTION_IND = 'WAT'
GO
/* */
CREATE VIEW IRPASL.WAT_PORTFOLIO
(
        INST,
        INST_CD,
        FISCAL_YEAR,
        TERM,
        TERM_CD,
        COURSE,
        SECTION_ID,
        SID,
        OFFICIAL_GRADE,
        GPA,
        SUCCESS_GROUP,
        SUCCESS_IND,
        ETHNICITY_CD,
        ETHNIC_GROUP,
        ETHNICITY,
        GENDER,
        DISTANCE_LEARNING_IND,
        WAT_SECTION_IND,
        RECORD_COUNT,
        AGE_GROUP,
        PORTFOLIO_STUDENT_IND
)
AS SELECT DISTINCT
        AL1.INST,
        AL1.INST_CD,
        AL1.FISCAL_YEAR,
        AL1.TERM,
        AL1.TERM_CD,
        AL1.COURSE,
        AL1.SECTION_ID,
        AL1.SID,
        AL1.OFFICIAL_GRADE,
        AL1.GPA,
        AL1.SUCCESS_GROUP,
        AL1.SUCCESS_IND,
        AL1.ETHNICITY_CD,
        AL1.ETHNIC_GROUP,
        AL1.ETHNICITY,
        AL1.GENDER,
        AL1.DISTANCE_LEARNING_IND,
        AL1.WAT_SECTION_IND,
        AL1.RECORD_COUNT,
        AL1.AGE_GROUP,
        CASE WHEN AL2.SID IS NULL THEN 'NOT IN PILOT' ELSE 'PORTFOLIO STUDENT' END
FROM
        IRPASL.WAT_CRSE_GRADES AL1
                LEFT OUTER JOIN IRPASL.WAT_STUDENTS AL2 ON
                        (AL1.TERM = AL2.TERM
                        AND AL1.SID = AL2.SID)
GO
```