



Austin Community College

Analysis of Non-Transfer, Withdrawal, and Non-Mastery Rates

Of Fall 2001 Courses

DISTANCE LEARNING ONLY

Data as of 7/11/2002

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Office of Institutional Effectiveness



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EXECUTIVE SUMMARY

- This study was conducted at Austin Community College (ACC) to analyze course completion and success rates for distance learning courses. Course completion and success rates were identified in this report by course **non-transfer grades** (a grade of “D” or “F”), **withdrawal grades** (a grade of “W”), and **non-mastery grades** (a grade of “D”, “F”, or “W”). The data used was from fall 2001 semester (with comparison to fall 1997 rates). The study analyzed both instructional area and course level data, as well as making comparisons among ages, ethnic groups, and gender.
- The average non-transfer rate for distance learning courses at ACC was 11.1% for fall 2001, a 3% decrease from fall 1997 (14.7%). The average withdrawal rate at ACC in fall 2001 was 32.9%, unchanged from fall 1997.
- Looking at instructional areas with enrollments of 100 students or more, the instructional areas with the three highest non-transfer rates were Management, Geography, and Math. The instructional areas with the highest withdrawal rates were Math, Art, and Psychology. Examination of non-mastery rates revealed that the Math, Art, and Geography instructional areas had the three highest non-mastery rates.
- Twenty-one courses (each with enrollments of 50 students or more) had higher than average non-mastery rates. The course with the highest non-mastery rate was College Algebra (MATH-1314).
- Study findings show that 22-24 year-olds had the highest non-transfer rates among the age groups. Students 20-21 years of age had the highest withdrawal and non-mastery rates among the age groups (excluding those 65 and up). Blacks, Hispanics, and Males had above average rates in all three areas analyzed – non-transfer, withdrawal, and non-mastery grades.

BACKGROUND

The purpose of this analysis was to investigate the occurrence of non-transfer, withdrawal, and non-mastery grades at Austin Community College (ACC). The cohort analyzed was the Fall 2001 semester (with comparisons to fall 1997 rates). Only distance learning courses were included this analysis.

Areas analyzed were course non-transfer, withdrawal, and non-mastery grades, as defined below:

- **Non-Transfer Grade** – a grade of “D” or “F”. A grade of “D” is considered non-transfer on the premise that it is not transferable for credit at other institutions of higher education. Non-transfer rates were computed by dividing the total number of “D” or “F” grades over all grades of “A,” “B,” “C,” “D,” “F,” or “W.”
- **Withdrawal Grade** – a grade of “W”. Voluntary or involuntary removal from a course before receipt of a final grade. Students can withdraw themselves or faculty can withdraw a student. ACC’s official withdrawal period begins after the official reporting date and closes three weeks prior to the last class day. Withdrawal rates were computed by dividing the total number of “W” grades over all grades of “A,” “B,” “C,” “D,” “F,” or “W.”
- **Non-Mastery Grade** – a grade of “D”, “F”, or “W” (signifying withdrawal) in a course. Implies that the student failed to master course subject matter. The non-mastery rate is calculated by dividing the total number of “D”, “F”, and “W” grades over all grades of “A”, “B”, “C”, “D”, “F”, or “W”.

The analysis was conducted by instructional area and by course. Demographic analysis and crosstabulations of demographics were also conducted.

It is important to note that all sections of this analysis contain duplicated headcount numbers and percentages. In the **Student Demographics** section (see Table 8), therefore, it should not be inferred that 28.4% of students age 17 and under withdrew in fall 2001 but rather that 28.4% of student course enrollments of age 17 and under ended in withdrawal. The same implication holds true for the **Student Subgroups** section.

DISTANCE LEARNING DELIVERY METHODS

Five types of distance learning courses operate at ACC. These are:

- Directed Studies (DIR)
- Instructional Television (ITV)
- Interactive Video Classes (IVC)
- Web-based (PCM)
- Print-based (PRN)

Analysis of distance learning non-transfer, withdrawal, and non-mastery rates by distance learning delivery method revealed that Print-based and Directed Studies courses had the highest non-transfer rates. Forty-one percent of enrollments in Directed Studies courses ended up in withdrawals. Examining non-mastery rates, Directed Studies had the highest rates among the five delivery types (53.7%). See Table 1 below for rates for all distance learning delivery types.

**Austin Community College
Distance Learning Non-Transfer, Withdrawal, and Non-Mastery By Delivery Method
Table 1**

Distance Learning Type	Total Enrollment	% Non-Transfer	% Withdrawal	% Non-Mastery
DIR	54	13.0%	40.7%	53.7%
ITV	2,193	11.1%	36.6%	47.7%
IVC	589	7.3%	12.1%	19.4%
PCM	2,858	10.9%	35.2%	46.1%
PRN	1,193	13.7%	30.8%	44.5%
ACC DL Avg.		11.1%	32.9%	44.1%

Note: DL – Distance Learning

NON-TRANSFER RATES - INSTRUCTIONAL AREA

This analysis reviewed course non-transfer rates, defined as a grade of “D” or “F” divided by the total grades of “A,” “B,” “C,” “D,” “F,” or “W.” Course non-transfer rates were explored by instructional area as related to the college average non-transfer rate.

ACC’s average non-transfer rate for distance learning courses was found to be 11.1% in fall 2001. This represented a decrease from 14.7% from fall 1997. A previous analysis that excluded distance learning and developmental studies courses revealed that the non-transfer rate for ACC was 8.7% in fall 2001. Twenty instructional areas had non-transfer rates above the distance learning college average. However, when consideration was given to enrollment level of the instructional area (only instructional areas with enrollments of at least 100 students were considered), the instructional areas detailed in Table 2 had above average non-transfer rates.

**Austin Community College
Instructional Areas With Non-Transfer Rates Above College Average
Table 2**

Instructional Area	Total Non-Transfer	Total Enrollment	% Non-Transfer
Management	41	246	16.7%
Geography	21	129	16.3%
Math	16	107	15.0%
Biology	73	491	14.9%
Anthropology	26	178	14.6%
Government	126	875	14.4%
History	111	777	14.3%
Allied Health Science	16	114	14.0%
Marketing	47	358	13.1%
Financial Mgmt.	14	107	13.1%
Philosophy	20	154	13.0%
Developmental Math	15	120	12.5%
Art	21	171	12.3%
ACC DL Avg.			11.1%

Note: DL – Distance Learning

WITHDRAWAL RATES - INSTRUCTIONAL AREA

This analysis reviewed course withdrawal rates, defined as a grade of “W” divided by the total grades of “A,” “B,” “C,” “D,” “F,” or “W.” Course withdrawal rates were explored by instructional area as related to the college average withdrawal rate.

Twenty instructional areas reported withdrawal rates greater than the ACC distance learning average of 32.9%, (this average was unchanged from fall 1997). It is important to note that a previous analysis, one that excluded distance learning and developmental studies courses, reported withdrawal rates of 22.5% for ACC. When reviewing only those instructional areas with student enrollments of 100 students or more, those listed in Table 3 showed above average withdrawal rates.

**Austin Community College
Instructional Areas With Withdrawal Rates Above College Average
Table 3**

Instructional Area	Total Withdrawals	Total Enrollment	% Withdrawal
Math	54	107	50.5%
Art	79	171	46.2%
Psychology	120	269	44.6%
Developmental Math	50	120	41.7%
Philosophy	63	154	40.9%
Geography	51	129	39.5%
English	222	567	39.2%
Anthropology	67	178	37.6%
Economics	85	230	37.0%
Financial Mgmt.	39	107	36.4%
Speech	43	118	36.4%
Sociology	96	275	34.9%
Biology	168	491	34.2%
ACC DL Avg.			32.9%

Note: DL – Distance Learning

Inspection of the data revealed seven instructional areas (with student enrollments of 100 students or more) with above average rates on both non-transfer and withdrawal grades (see Table 4).

Austin Community College
Instructional Areas With Non-Transfer and Withdrawal Rates Above College Average
Table 4

Instructional Area	Total Enrollment	% Non-Transfer	% Withdrawal
Geography	129	16.3%	39.5%
Math	107	15.0%	50.5%
Anthropology	178	14.6%	37.6%
Financial Mgmt.	107	13.1%	36.4%
Biology	491	14.9%	34.2%
Art	171	12.3%	46.2%
Developmental Math	120	12.5%	41.7%
ACC DL Avg.		11.1%	32.9%

Note: DL – Distance Learning

NON-MASTERY RATES - INSTRUCTIONAL AREA

Failure to master a course was defined as the total number of students receiving grades of “D”, “F”, or “W” divided by the total grades of “A,” “B,” “C,” “D,” “F,” or “W.” Course non-mastery rates were explored by instructional area as related to the college average non-mastery rates.

The average non-mastery rate for ACC distance learning courses was found to be 44.1%. When excluding distance learning and developmental studies courses, the ACC average non-mastery rate was found to be 31.2%. Table 5 below shows those instructional areas with enrollments of 100 students or more and with non-mastery rates above the ACC average.

**Austin Community College
Instructional Areas With Non-Mastery Rates Above College Average
Table 5**

Instructional Area	Total Non-Mastery	Total Enrollment	% Non-Mastery
Math	70	107	65.4%
Art	100	171	58.5%
Geography	72	129	55.8%
Psychology	149	269	55.4%
Developmental Math	65	120	54.2%
Philosophy	83	154	53.9%
Anthropology	93	178	52.2%
Financial Management	53	107	49.5%
Biology	241	491	49.1%
History	361	777	46.5%
English	261	567	46.0%
Management	113	246	45.9%
Government	396	875	45.3%
Economics	103	230	44.8%
Allied Health Science	51	114	44.7%
ACC DL Avg.			44.1%

Note: DL – Distance Learning

NON-TRANSFER AND WITHDRAWAL RATES – COURSE

Further analyses focused on determining which specific courses had non-transfer and withdrawal rates above the ACC distance learning average. This determination would help to identify "gate-keeping" courses. By definition, these courses should have high enrollments and high non-transfer grade or withdrawal rates, and be a required course for degree or certificate completion, or serve as a prerequisite for advancement in the course series.

A course did not have to be in a previously listed instructional area to be considered. For example, any given psychology course could have a significant withdrawal rate, even though the psychology instructional area as a whole may not have had above average withdrawal rates. Courses with enrollments of less than 50 students were not considered in this portion of the analysis. Listed below are the courses that had above average rates in non-transfer, withdrawal, and non-mastery grades.

**Austin Community College
Courses with Non-Transfer and Withdrawal Rates Above College Average
Table 6**

Course	Description	Total Enrollment	% Non-Transfer	% Withdrawal
MATH-1314	College Algebra	75	20.0%	53.3%
GEOG-1301	Intro to Physical Geography	54	16.7%	51.9%
ARTS-1303	Art History I	108	11.1%	45.4%
PHIL-1301	Intro to Philosophy	97	15.5%	39.2%
BUSI-1301	Intro to Business	82	15.9%	36.6%
BIOL-1308	Life on Earth	234	12.8%	35.9%
ACC DL Avg.			11.1%	32.9%

Note: DL – Distance Learning

NON-MASTERY RATES - COURSE

Again, failure to master a course was defined as the total number of students receiving grades of “D”, “F”, or “W” divided by the total grades of “A,” “B,” “C,” “D,” “F,” or “W.” Courses (with enrollments over 50 students) with a non-mastery rate higher than the ACC average of 44.1% are shown in Table 7.

**Austin Community College
Courses with Non-Mastery Rates Above College Average
Table 7**

Course	Description	Total Enrollment	% Non-Mastery
MATH-1314	College Algebra	75	73.3%
GEOG-1301	Intro to Physical Geography	54	68.5%
ENGL-2342	Intro to Literature I	119	57.1%
ARTS-1303	Art History I	108	56.5%
PSYC-2301	Intro to Psychology	103	56.3%
PHIL-1301	Intro to Philosophy	97	54.6%
PHIL-2306	Ethics	57	52.6%
BUSI-1301	Intro to Business	82	52.4%
ANTH-2351	Cultural Anthropology	104	51.0%
PSYC-2314	Human Growth & Dev	138	50.7%
HIST-1301	U.S. History I	367	50.1%
BUSI-1307	Personal Finance	80	50.0%
BIOL-1308	Life on Earth	234	48.7%
GOVT-2305	U.S. Government	414	47.8%
ECON-2302	Principles of Microeconomics	120	47.5%
BIOL-2306	Living Planet	137	47.4%
HPRS-1206	Medical Terminology	78	47.4%
BUSI-2301	Intro to Business	57	47.4%
SPCH-1311	Intro to Speech Communications	53	47.2%
GOG-2433	World/Regional	75	46.7%
ENGL-1301	English Comp I	269	46.1%
ACC DL Avg.			44.1%

Note: DL – Distance Learning

STUDENT DEMOGRAPHICS

In addition to analyses of course completion and success rates across instructional areas and courses, this study further explored non-transfer, withdrawal, and non-mastery rates by focusing on student demographic information. Specifically, ACC student grades in fall 2001 were examined across age, (ten categories), ethnicity (seven categories), and gender (see Table 8).

**Austin Community College
Student Enrollment Demographics
Table 8**

	Total Enrollment	% Non-Transfer	% Withdrawal	% Non-Mastery
Age				
17 and under	183	7.1%	28.4%	35.5%
18-19	888	11.9%	34.2%	46.2%
20-21	1,545	13.7%	36.4%	50.2%
22-24	1,360	14.2%	33.2%	47.4%
25-29	1,151	9.6%	33.7%	43.3%
30-34	740	8.0%	31.8%	39.7%
35-39	431	6.7%	30.4%	37.1%
40-49	433	7.2%	24.5%	31.6%
50-64	144	9.0%	22.9%	31.9%
65 and up	10	10.0%	40.0%	50.0%
Ethnicity				
White	4,674	10.5%	32.4%	43.0%
Black, Non-Hispanic	481	13.9%	36.2%	50.1%
Hispanic	1,106	12.7%	36.3%	49.0%
Asian/Pacific Islander	418	9.3%	27.5%	36.8%
American Indian/Alaskan Native	56	10.7%	48.2%	58.9%
Non-resident alien	76	18.4%	7.9%	26.3%
Other/Unknown	66	10.6%	37.9%	48.5%
Gender				
Female	4,324	10.1%	32.2%	42.3%
Male	2,562	12.9%	34.2%	47.2%
ACC DL Avg.		11.1%	32.9%	44.1%

Note: DL – Distance Learning

An analysis of all three categories – non-transfer, withdrawal, and non-mastery rates – revealed that 18-24 year-olds, Blacks, Hispanics, and Males had above average rates on all three categories.

STUDENT SUBGROUPS

A three-way crosstabulation was conducted for gender, ethnicity, and age. A non-transfer, withdrawal, or non-mastery rate of more than 10 percentage points above the college average was considered noteworthy.

Only those subpopulations with enrollments of 20 students or more were included in this analysis, because with smaller enrollment levels, only a few non-transfer/withdrawal/non-mastery grades could yield an unusually high percentage rate. The “Other/Unknown” ethnicity subgroup was not included in this analysis.

Student subgroups with non-transfer rates more than 10 percentage points above the college average of 11.8%:

Black Males, Ages 22-24	22.8%
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Student subgroups with withdrawal rates more than 10 percentage points above the college average of 32.9%:

Black Females, Ages 20-21	50.8%
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Hispanic Males, Ages 20-21	43.9%
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Asian Males, Ages 18-19	43.5%
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Student subgroups with non-mastery rates more than 10 percentage points above the College average of 44.1%:

Black Females Ages 20-21	65.1%
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Black Males, Ages 22-24	61.9%
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Hispanic Females, Ages 20-21	58.8%
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Hispanic Females, Ages 22-24	56.6%
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Hispanic Males, Ages 20-21	57.6%
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Black Females, Ages 25-29	56.0%
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White Males, Ages 20-21	55.3%
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CONCLUSIONS

- This study established the average non-transfer rate for distance learning courses at ACC in fall 2001 to be 11.1% (compared to 14.7% in fall 1997). The average withdrawal rate for distance learning in fall 2001 were 32.9%, unchanged from fall 1997. The average non-mastery rate was 44.1% (47.6% in fall 1997). These percentages are based on duplicated headcount; therefore, this does not imply that 32.9% of students withdrew in fall 2001, but that 32.9% of enrollments end in withdrawal.
- Non-mastery rates for courses other than distance learning and developmental studies at ACC in fall 2001 was 31.2%. The majority of the difference with the fall 2001 distance learning average rate of 44.1% can be attributed to withdrawal rates.
- Certain instructional areas and courses had much higher non-transfer, withdrawal, and non-mastery rates than the ACC average. Instructional areas that had above average rates on both non-transfer and withdrawal grades were Geography, Math, Anthropology, Financial Management, Biology, Art, and Developmental Math. The instructional areas with the three highest non-mastery rates in fall 2001 were Math, Art, and Geography.
- The study found that 18-24 year olds, Blacks, Hispanics, and Males had above average rates on all three areas analyzed – non-transfer, withdrawal, and non-mastery grades.
- The study does not address whether a non-mastery rate of 44.1% for distance learning courses is within the acceptable boundaries for community colleges of this size or for ACC specifically nor does it address data at schools normally used for comparison with ACC, such as Dallas Community College or Houston Community College. Administrators may wish to compare ACC's data to these schools at some future date to establish benchmarks and determine if improvement is called for.

APPENDIX

Notes

- Appendix 1 lists fall 2001 distance learning and classroom non-transfer rates by instructional area
- Appendix 2 lists fall 2001 distance learning and classroom withdrawal rates by instructional area
- Appendix 3 lists fall 2001 distance learning and classroom non-mastery rates by instructional area
- Appendix 4 lists fall 1997 and fall 2001 distance learning non-transfer rates by instructional area
- Appendix 5 lists fall 1997 and fall 2001 distance learning withdrawal rates by instructional area
- Appendix 6 lists fall 1997 and fall 2001 distance learning non-mastery rates by instructional area
- Appendix 7 lists fall 1997 and fall 2001 distance learning student demographic information

Definitions

Non-Transfer Grade – a grade of “D” or “F”. A grade of “D” is considered non-transfer on the premise that it is not transferable for credit at other institutions of higher education. Non-transfer rates were computed by dividing the total number of “D” or “F” grades over all grades of “A,” “B,” “C,” “D,” “F,” or “W.”

Withdrawal Grade – a grade of “W”. Voluntary or involuntary removal from a course before receipt of a final grade. Students can withdraw themselves or faculty can withdraw a student. ACC’s official withdrawal period begins after the official reporting date and closes three weeks prior to the last class day. Withdrawal rates were computed by dividing the total number of “W” grades over all grades of “A,” “B,” “C,” “D,” “F,” or “W.”

Non-Mastery Grade – a grade of “D”, “F”, or “W” (signifying withdrawal) in a course. Implies that the student failed to master course subject matter. The non-mastery rate is calculated by dividing the total number of “D”, “F”, and “W” grades over all grades of “A”, “B”, “C”, “D”, “F”, or “W.”

Appendix 1
FALL 2001 NON-TRANSFER RATES BY INSTRUCTIONAL AREA
(COMPARISON TO FALL 2001 CLASSROOM RATES)

Instructional Area	Dist. Learning Total Non-Transfer	Dist. Learning Total Enrl.	Dist. Learning % Non-Transfer	Classroom % Non-Transfer
Accounting	2	71	2.8%	6.8%
Allied Health Science	16	114	14.0%	10.9%
Anthropology	26	178	14.6%	12.3%
Art	21	171	12.3%	5.4%
Biology	73	491	14.9%	10.8%
Child Development	4	187	2.1%	3.0%
Computer Information Systems	21	217	9.7%	6.2%
Computer Science	20	248	8.1%	8.3%
Creative Writing	0	29	0.0%	10.5%
Criminal Justice	8	72	11.1%	7.8%
Developmental Math	15	120	12.5%	N/A
Developmental Reading	5	40	12.5%	N/A
Developmental Writing	2	7	28.6%	N/A
Digital Publishing	0	12	0.0%	3.0%
Economics	18	230	7.8%	11.0%
Electronics	0	10	0.0%	5.2%
English	39	567	6.9%	8.5%
Financial Management	14	107	13.1%	4.2%
Foreign Language	1	23	4.3%	5.6%
Geography	21	129	16.3%	9.0%
Geology	1	28	3.6%	11.5%
Government	126	875	14.4%	12.5%
Health & Kinesiology	11	110	10.0%	2.9%
History	111	777	14.3%	11.7%
Human Services	4	15	26.7%	10.1%
Humanities	2	50	4.0%	1.3%
Journalism	2	15	13.3%	5.6%
Management	41	246	16.7%	9.2%
Marketing	47	358	13.1%	6.6%
Math	16	107	15.0%	11.0%
Nursing (AD)	0	19	0.0%	1.3%
Nursing (Vocational)	0	75	0.0%	8.8%
Pharmacy Technician	3	9	33.3%	9.2%
Philosophy	20	154	13.0%	8.8%
Physical Science	0	19	0.0%	15.7%
Psychology	29	269	10.8%	8.7%
Quality Assurance	1	8	12.5%	0.0%
Real Estate	17	227	7.5%	3.6%
Religion	7	29	24.1%	11.0%
Sociology	16	275	5.8%	9.7%
Speech	3	118	2.5%	5.6%
Technical Communication	3	68	4.4%	8.8%
Visual Communication Design	1	13	7.7%	3.9%
Average			11.1%	8.7%

N/A - No information available

Appendix 2
FALL 2001 WITHDRAWAL RATES BY INSTRUCTIONAL AREA
(COMPARISON TO FALL 2001 CLASSROOM RATES)

Instructional Area	Dist. Learning Total Withdrawal	Dist. Learning Total Enrl.	Dist. Learning % Withdrawal	Classroom % Withdrawal
Accounting	36	71	50.7%	26.5%
Allied Health Science	35	114	30.7%	20.5%
Anthropology	67	178	37.6%	19.3%
Art	79	171	46.2%	19.5%
Biology	168	491	34.2%	27.7%
Child Development	37	187	19.8%	14.9%
Computer Information Systems	71	217	32.7%	22.6%
Computer Science	75	248	30.2%	24.7%
Creative Writing	16	29	55.2%	23.7%
Criminal Justice	19	72	26.4%	8.8%
Developmental Math	50	120	41.7%	N/A
Developmental Reading	12	40	30.0%	N/A
Developmental Writing	4	7	57.1%	N/A
Digital Publishing	2	12	16.7%	15.8%
Economics	85	230	37.0%	23.6%
Electronics	2	10	20.0%	14.3%
English	222	567	39.2%	28.9%
Financial Management	39	107	36.4%	9.4%
Foreign Language	8	23	34.8%	27.2%
Geography	51	129	39.5%	26.3%
Geology	7	28	25.0%	18.4%
Government	270	875	30.9%	16.9%
Health & Kinesiology	33	110	30.0%	26.5%
History	250	777	32.2%	21.6%
Human Services	4	15	26.7%	12.9%
Humanities	9	50	18.0%	17.4%
Journalism	5	15	33.3%	17.5%
Management	72	246	29.3%	14.7%
Marketing	69	358	19.3%	14.2%
Math	54	107	50.5%	34.3%
Nursing (AD)	2	19	10.5%	6.8%
Nursing (Vocational)	3	75	4.0%	17.0%
Pharmacy Technician	0	9	0.0%	3.1%
Philosophy	63	154	40.9%	22.9%
Physical Science	2	19	10.5%	14.7%
Psychology	120	269	44.6%	18.0%
Quality Assurance	1	8	12.5%	7.7%
Real Estate	40	227	17.6%	8.6%
Religion	10	29	34.5%	19.5%
Sociology	96	275	34.9%	21.3%
Speech	43	118	36.4%	17.6%
Technical Communication	36	68	52.9%	15.8%
Visual Communication Design	2	13	15.4%	17.0%
Average			32.9%	22.5%

N/A - No information available

Appendix 3
FALL 2001 NON-MASTERY RATES BY INSTRUCTIONAL AREA
(COMPARISON TO FALL 2001 CLASSROOM RATES)

Instructional Area	Dist. Learning Total Non-Mastery	Dist. Learning Total Enrl.	Dist. Learning % Non-Mastery	Classroom % Non-Mastery
Accounting	38	71	53.5%	33.3%
Allied Health Science	51	114	44.7%	31.4%
Anthropology	93	178	52.2%	31.6%
Art	100	171	58.5%	24.9%
Biology	241	491	49.1%	38.6%
Child Development	41	187	21.9%	17.9%
Computer Information Systems	92	217	42.4%	28.8%
Computer Science	95	248	38.3%	33.0%
Creative Writing	16	29	55.2%	34.2%
Criminal Justice	27	72	37.5%	16.6%
Developmental Math	65	120	54.2%	N/A
Developmental Reading	17	40	42.5%	N/A
Developmental Writing	6	7	85.7%	N/A
Digital Publishing	2	12	16.7%	18.7%
Economics	103	230	44.8%	34.5%
Electronics	2	10	20.0%	19.5%
English	261	567	46.0%	37.4%
Financial Management	53	107	49.5%	13.5%
Foreign Language	9	23	39.1%	32.8%
Geography	72	129	55.8%	35.3%
Geology	8	28	28.6%	29.9%
Government	396	875	45.3%	29.3%
Health & Kinesiology	44	110	40.0%	29.4%
History	361	777	46.5%	33.3%
Human Services	8	15	53.3%	23.1%
Humanities	11	50	22.0%	18.6%
Journalism	7	15	46.7%	23.1%
Management	113	246	45.9%	24.0%
Marketing	116	358	32.4%	20.8%
Math	70	107	65.4%	45.3%
Nursing (AD)	2	19	10.5%	8.1%
Nursing (Vocational)	3	75	4.0%	25.8%
Pharmacy Technician	3	9	33.3%	12.3%
Philosophy	83	154	53.9%	31.8%
Physical Science	2	19	10.5%	30.4%
Psychology	149	269	55.4%	26.7%
Quality Assurance	2	8	25.0%	7.7%
Real Estate	57	227	25.1%	12.2%
Religion	17	29	58.6%	30.5%
Sociology	112	275	40.7%	31.0%
Speech	46	118	39.0%	23.2%
Technical Communication	39	68	57.4%	24.6%
Visual Communication Design	3	13	23.1%	21.0%
Average			44.1%	31.2%

N/A - No information available

Appendix 4
FALL 2001 NON-TRANSFER RATES BY INSTRUCTIONAL AREA
(COMPARISON TO FALL 1997 RATES)

Instructional Area	FALL 1997	FALL 2001		
	Dist. Learning % Non-Transfer	Dist. Learning Total Non-Transfer	Dist. Learning Total Enrl.	Dist. Learning % Non-Transfer
Accounting	19.8%	2	71	2.8%
Allied Health Science	11.5%	16	114	14.0%
Anthropology	24.4%	26	178	14.6%
Art	11.5%	21	171	12.3%
Biology	13.7%	73	491	14.9%
Child Development	11.5%	4	187	2.1%
Computer Information Systems	10.1%	21	217	9.7%
Computer Science	13.5%	20	248	8.1%
Creative Writing	N/A	0	29	0.0%
Criminal Justice	N/A	8	72	11.1%
Developmental Math	N/A	15	120	12.5%
Developmental Reading	N/A	5	40	12.5%
Developmental Writing	N/A	2	7	28.6%
Digital Publishing	N/A	0	12	0.0%
Economics	10.4%	18	230	7.8%
Electronics	27.3%	0	10	0.0%
English	11.7%	39	567	6.9%
Financial Management	19.4%	14	107	13.1%
Foreign Language	N/A	1	23	4.3%
Geography	23.0%	21	129	16.3%
Geology	N/A	1	28	3.6%
Government	22.0%	126	875	14.4%
Health & Kinesiology	27.6%	11	110	10.0%
History	13.6%	111	777	14.3%
Human Services	N/A	4	15	26.7%
Humanities	N/A	2	50	4.0%
Journalism	N/A	2	15	13.3%
Management	N/A	41	246	16.7%
Marketing	23.2%	47	358	13.1%
Math	N/A	16	107	15.0%
Nursing (AD)	N/A	0	19	0.0%
Nursing (Vocational)	3.3%	0	75	0.0%
Pharmacy Technician	N/A	3	9	33.3%
Philosophy	7.4%	20	154	13.0%
Physical Science	0.0%	0	19	0.0%
Psychology	8.0%	29	269	10.8%
Quality Assurance	N/A	1	8	12.5%
Real Estate	N/A	17	227	7.5%
Religion	N/A	7	29	24.1%
Sociology	16.1%	16	275	5.8%
Speech	N/A	3	118	2.5%
Technical Communication	13.3%	3	68	4.4%
Visual Communication Design	N/A	1	13	7.7%
Average	14.7%			11.1%

N/A - No information available

Appendix 5
FALL 2001 WITHDRAWAL RATES BY INSTRUCTIONAL AREA
(COMPARISON TO FALL 1997 RATES)

Instructional Area	FALL 1997	FALL 2001		
	Dist. Learning % Withdrawal	Dist. Learning Total Withdrawal	Dist. Learning Total Enrl.	Dist. Learning % Withdrawal
Accounting	52.6%	36	71	50.7%
Allied Health Science	33.6%	35	114	30.7%
Anthropology	33.1%	67	178	37.6%
Art	39.3%	79	171	46.2%
Biology	30.8%	168	491	34.2%
Child Development	29.8%	37	187	19.8%
Computer Information Systems	33.2%	71	217	32.7%
Computer Science	40.5%	75	248	30.2%
Creative Writing	N/A	16	29	55.2%
Criminal Justice	N/A	19	72	26.4%
Developmental Math	N/A	50	120	41.7%
Developmental Reading	N/A	12	40	30.0%
Developmental Writing	N/A	4	7	57.1%
Digital Publishing	N/A	2	12	16.7%
Economics	35.9%	85	230	37.0%
Electronics	45.5%	2	10	20.0%
English	40.7%	222	567	39.2%
Financial Management	22.2%	39	107	36.4%
Foreign Language	N/A	8	23	34.8%
Geography	41.0%	51	129	39.5%
Geology	N/A	7	28	25.0%
Government	28.4%	270	875	30.9%
Health & Kinesiology	17.2%	33	110	30.0%
History	31.4%	250	777	32.2%
Human Services	N/A	4	15	26.7%
Humanities	N/A	9	50	18.0%
Journalism	N/A	5	15	33.3%
Management	N/A	72	246	29.3%
Marketing	26.3%	69	358	19.3%
Math	N/A	54	107	50.5%
Nursing (AD)	N/A	2	19	10.5%
Nursing (Vocational)	0.0%	3	75	4.0%
Pharmacy Technician	N/A	0	9	0.0%
Philosophy	44.4%	63	154	40.9%
Physical Science	18.2%	2	19	10.5%
Psychology	36.0%	120	269	44.6%
Quality Assurance	N/A	1	8	12.5%
Real Estate	N/A	40	227	17.6%
Religion	N/A	10	29	34.5%
Sociology	39.0%	96	275	34.9%
Speech	N/A	43	118	36.4%
Technical Communication	29.6%	36	68	52.9%
Visual Communication Design	N/A	2	13	15.4%
Average	32.9%			32.9%

N/A - No information available

Appendix 6
FALL 2001 NON-MASTERY RATES BY INSTRUCTIONAL AREA
(COMPARISON TO FALL 1997 RATES)

Instructional Area	FALL 1997	FALL 2001		
	Dist. Learning % Non-Mastery	Dist. Learning Total Non-Mastery	Dist. Learning Total Enrl.	Dist. Learning % Non-Mastery
Accounting	72.4%	38	71	53.5%
Allied Health Science	45.1%	51	114	44.7%
Anthropology	57.5%	93	178	52.2%
Art	50.8%	100	171	58.5%
Biology	44.5%	241	491	49.1%
Child Development	41.3%	41	187	21.9%
Computer Information Systems	43.3%	92	217	42.4%
Computer Science	54.1%	95	248	38.3%
Creative Writing	N/A	16	29	55.2%
Criminal Justice	N/A	27	72	37.5%
Developmental Math	N/A	65	120	54.2%
Developmental Reading	N/A	17	40	42.5%
Developmental Writing	N/A	6	7	85.7%
Digital Publishing	N/A	2	12	16.7%
Economics	46.4%	103	230	44.8%
Electronics	72.7%	2	10	20.0%
English	52.4%	261	567	46.0%
Financial Management	41.7%	53	107	49.5%
Foreign Language	N/A	9	23	39.1%
Geography	63.9%	72	129	55.8%
Geology	N/A	8	28	28.6%
Government	50.4%	396	875	45.3%
Health & Kinesiology	44.8%	44	110	40.0%
History	45.0%	361	777	46.5%
Human Services	N/A	8	15	53.3%
Humanities	N/A	11	50	22.0%
Journalism	N/A	7	15	46.7%
Management	N/A	113	246	45.9%
Marketing	49.5%	116	358	32.4%
Math	N/A	70	107	65.4%
Nursing (AD)	N/A	2	19	10.5%
Nursing (Vocational)	3.3%	3	75	4.0%
Pharmacy Technician	N/A	3	9	33.3%
Philosophy	51.9%	83	154	53.9%
Physical Science	18.2%	2	19	10.5%
Psychology	43.9%	149	269	55.4%
Quality Assurance	N/A	2	8	25.0%
Real Estate	N/A	57	227	25.1%
Religion	N/A	17	29	58.6%
Sociology	55.1%	112	275	40.7%
Speech	N/A	46	118	39.0%
Technical Communication	42.9%	39	68	57.4%
Visual Communication Design	N/A	3	13	23.1%
Average	47.6%			44.1%

N/A - No information available

Appendix 7
STUDENT DEMOGRAPHICS (FALL 2001 VS. FALL 1997)

	FALL 1997				FALL 2001			
	Total Enrl.	% Non-Transfer	% Wdraw.	% Non-Mastery	Total Enrl.	% Non-Transfer	% Wdraw.	% Non-Mastery
Age								
17 and under	14	14.3%	7.1%	21.4%	183	7.1%	28.4%	35.5%
18-19	329	17.6%	38.9%	56.5%	888	11.9%	34.2%	46.2%
20-21	845	20.2%	40.5%	60.7%	1,545	13.7%	36.4%	50.2%
22-24	990	17.6%	35.1%	52.6%	1,360	14.2%	33.2%	47.4%
25-29	819	13.7%	31.4%	45.1%	1,151	9.6%	33.7%	43.3%
30-34	428	8.2%	24.5%	32.7%	740	8.0%	31.8%	39.7%
35-39	327	11.6%	22.9%	34.6%	431	6.7%	30.4%	37.1%
40-49	294	4.1%	26.9%	31.0%	433	7.2%	24.5%	31.6%
50-64	84	7.1%	29.8%	36.9%	144	9.0%	22.9%	31.9%
65 and up	10	0.0%	20.0%	20.0%	10	10.0%	40.0%	50.0%
Ethnicity								
White	2,905	13.80%	33.2%	47.0%	4,674	10.5%	32.4%	43.0%
Black, Non-Hispanic	297	19.2%	34.3%	53.5%	481	13.9%	36.2%	50.1%
Hispanic	639	15.3%	34.9%	50.2%	1,106	12.7%	36.3%	49.0%
Asian/Pacific-Islander	184	15.2%	26.6%	41.8%	418	9.3%	27.5%	36.8%
American-Indian/Alaskan Native	22	13.6%	22.7%	36.3%	56	10.7%	48.2%	58.9%
Non-resident alien	93	23.7%	18.3%	42.0%	76	18.4%	7.9%	26.3%
Other/Unknown	N/A	N/A	N/A	N/A	66	10.6%	37.9%	48.5%
Gender								
Female	2,420	13.2%	30.9%	44.1%	4,324	10.1%	32.2%	42.3%
Male	1,720	16.8%	35.6%	52.4%	2,562	12.9%	34.2%	47.2%
ACC Avg.		14.7%	32.9%	47.6%		11.1%	32.9%	44.1%