A Study

Of

Perkins 2P1 Graduation

Performance Rates

At

Virginia Western Community College

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February 2006

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Introduction

The Perkins 2P1 Graduation Performance Rate is one of several measures that were developed to help institutions satisfy the requirements for the Student Right-to-Know legislation. When the measures were developed, each state was allowed to develop its own definition of the measures. An agreement about the definition of the 2P1 Graduation Performance rate was finalized with Virginia and the federal Department of Education in fall 2000. Each year Virginia Community College System (VCCS) is expected to meet a prescribed and federally approved system-level performance target for the Perkins 2P1 Graduation Performance Rate. An annual report is prepared each year by the VCCS showing how the VCCS and each college within the VCCS performed with regard to the required graduation performance target.

The Department of Education is considering the idea of requiring each state to use a common definition of the graduation performance rate measure, so it may not be long before the definition that is being used now by the VCCS will have to be modified. More than likely the colleges will have the opportunity to address their concerns and to make suggestions for improvement before any changes in the definition are finalized.

Goals

The primary goals of this study are to:

1. Explain how the Perkins 2P1 Graduation Performance Rate is defined and measured by the VCCS.

- 2. Show how Virginia Western's 2P1 graduation performance rates compare with the rates at other colleges in the VCCS and with the federally approved graduation target rates that the colleges are expected to meet.
- 3. Provide the results of statistical analyses that were conducted in an effort to determine why Virginia Western's 2P1 graduation rates have been so low.
- 4. Recommend steps that can be taken to try to improve Virginia Western's 2P1 graduation performance rates.

Definition—2P1 Graduation Performance Rate

In the VCCS the 2P1 graduation performance rate is defined as the percentage of full-time, first-time occupational technical students who graduate within 150 percent of the normal program completion time. A college's 2P1 graduation rate for a given fiscal year can be found as follows:

Step 1 – Determine the number D of full-time, first-time students who were enrolled in an occupation-technical program as of the mid-term of the fall semester that began three years before the given fiscal year. These students form a cohort that is used to determine the graduation rate.

Step 2 – Compute the number N of students in the cohort who completed a degree at the college anytime within the three-year period that began with the fall semester and ended with the spring semester three years later.

Step 3 – Compute the graduation rate by dividing N by D and converting the result to a percentage.

Example: Find Virginia Western's 2P1 graduation rate for 2003-2004.

Step 1 – The academic year 2003-2004 is fiscal year 2004, so every student who was a full-time, first-time student enrolled in an occupational-technical program at Virginia Western as of midterm Fall 2001 is counted as a member of the cohort. All of the AAS, Certificate, and Career Studies programs) are considered to be Occupational/Technical. The records show that there were 149 students in the cohort, so D = 149.

Step 2 – Only 15 of the students in the cohort graduated sometime during the period from Fall 2001 through Spring 2004, so N = 15.

Step 3 - 15 divided by 149 = .1007 = 10.07%.

Note from the directions in Step 2 above that the 150% normal program completion time is interpreted by the VCCS to be a three-year time period for all programs. Also, note that the directions for counting the number of graduates do not specify that students have to graduate in the same programs that they started. Thus, if Mary is a student in the cohort, then Mary is counted as a graduate as long as she graduates from any degree program at the college within the three-year period.

How Virginia Western's 2P1 Graduation Rates Compare with Other Rates

Virginia Western's 2P1 graduation rates for the three-year cohort period from Fall 1999 to Fall 2001 were examined to see how they compared with other graduation rates in the VCCS. In the Fall 1999 cohort 74 percent of the colleges in the VCCS had a higher graduation rate than Virginia Western. Sixty-one percent had a higher rate in the Fall 2000 cohort and 70 percent had a higher rate in the Fall 2001 cohort. As can be seen from the data in Table 1, Virginia Western's graduation rates for the Fall 1999, Fall 2000, and Fall 2001 cohorts fell below both the overall system-wide VCCS rates and the graduation target rates that each college was expected to meet. Although graduation rates for the Fall 2002 cohort were not available at the time when this report was prepared, nothing changed in the graduation process at Virginia Western during the three years following Fall 2002 that would lead one to think that the results for the Fall 2002 cohort will be significantly different from those for the three preceding cohorts.

Table 1							
Graduation Rates	Fall 1999 Cohort	Fall 2000 Cohort	Fall 2001 Cohort				
Target Rate	18.05%	18.10%	18.15%				
VCCS	18.70%	17.27%	16.59%				
Virginia Western	15.34%	16.55%	10.07%				

Virginia Western is not the only college in the VCCS that has had trouble reaching the required graduation target rate. In the Fall 1999 cohort 39 percent of the colleges failed to meet the graduation target rate. The failure rate increased to 48 percent for the Fall 2000 cohort and 52 percent for the Fall 2001 cohort. Eight colleges (BRCC, CVCC, DCC, LFCC, NRCC, SVCC, VHCC, and WCC) met or exceeded the target graduation rate each year during the three-year period. Virginia Western and six other colleges (JSRCC, JTCC, NVCC, PVCC, TNCC, and TCC) fell below the target rate every year during the three-year period.

Virginia Western Perkins 2P1 Graduation Rates By Major Degree Programs

The data in Table 2 provides a breakdown of the Fall 1999, Fall 2000, and Fall 2001 Virginia Western cohorts by occupational-technical program. The table shows how many students in the cohorts were enrolled in each program and the 2P1 degree program graduation rates for the three-year period. Approximately two-thirds of the students who made up the cohorts began their studies at Virginia Western as a major in one of the following seven degree programs: Career Studies, Administration of Justice, Communication Design, Mental Health, Management, Information Systems Technology, and Accounting. Improvements in the graduation rates in the seven programs that attract the bulk of the students could have a significant impact on the college's overall 2P1 graduation rate. As can be seen from the data in Table 2, the 2P1 program graduation rates ranged from 0 to 100 percent. Six of the programs (Computer Electronics Technology, Administrative Support Technology, Mechanical Engineering Technology, Electrical Engineering Technology, Child Care, and Architectural Drafting) produced no graduates from the Fall 1999, Fall 2000, and Fall 2001 cohorts. Eight programs (Communications Design, Horticulture, Nursing, Medical Transcription, Radiography, Legal Assisting, Dental Hygiene, Air Conditioning and Refrigeration, and Welding) had graduation rates that exceeded the target performance rates that colleges in the VCCS are expected to reach.

Table 2									
Major Degree Program	Fall 1999	Fall 2000	Fall 2001		Three Year	s Combined			
	N1	N2	N3	N	% Total	Graduation Rate			
Career Studies	24	22	33	79	17.52%	6.33%			
Administration of Justice	22	23	12	57	12.64%	17.54%			
Communication Design	15	13	16	44	9.76%	18.18%			
Mental Health	15	13	14	42	9.31%	11.90%			
Management	12	13	12	37	8.20%	8.11%			
Information System Tech	7	5	13	25	5.54%	12.00%			
Accounting	8	9	6	23	5.10%	17.39%			
Radio & TV Production	7	9	5	21	4.66%	9.52%			
Early Childhood Development	11	4	5	20	4.43%	15.00%			
Computer Electronics Tech	0	7	8	15	3.33%	0.00%			
Administrative Support Tech	5	2	6	13	2.88%	0.00%			
Construction Tech.	6	1	6	13	2.88%	15.38%			
Mechanical Engineering Tech	2	6	1	9	2.00%	0.00%			
Electrical Engineering Tech	8	0	0	8	1.77%	0.00%			
Horticulture	3	2	2	7	1.55%	57.14%			
Nursing	4	1	1	6	1.33%	33.33%			
Clerical Studies	3	0	3	6	1.33%	16.67%			
Medical Transcription	2	4	0	6	1.33%	33.33%			
Radiography	2	2	1	5	1.11%	80.00%			
Legal Assisting	2	1	2	5	1.11%	20.00%			
Dental Hygiene	1	0	1	2	0.44%	50.00%			
Child Care	0	1	1	2	0.44%	0.00%			

Air Conditioning & Refrigeration	2	0	0	2	0.44%	100.00%
Architectural Drafting	0	1	1	2	0.44%	0.00%
Welding	2	0	0	2	0.44%	50.00%
College Total	163	139	149	451	100.00%	13.97%

Over thirty Career Studies programs are offered at Virginia Western. The VCCS combines all Career Studies programs into one program when computing the 2P1 graduation rates. An examination of the transcripts of the students in the Fall 1999, Fall 2000, and Fall 2001 cohorts revealed that all but a small handful of the Career Studies students in the cohorts were majoring in either Pre-Nursing, Pre-Dental Hygiene, or Pre-Radiography.

Graduation Rates By Gender

During the three-year cohort period from Fall 1999 to Fall 2001, females accounted for 62 percent of the students who made up the cohorts that were used to determine the 2P1 Perkins graduation rates. As can be seen from the data in Table 3, the differences between the graduation rates for the females and males varied from year to year with the males having a slightly higher graduation rate for the combined three-year period. With the exception of the Fall 2001 cohort, none of the differences between the graduation rates for males and females were significantly different.

Table 3										
	Fa	II 1999 Cohort	Fall 2000 Cohort			II 2001 Cohort	Three Years Combined			
	N	Graduation Rate N Graduation Rate N		N	N Graduation Rate		Graduation Rate			
Male	68	14.71%	55	12.73%	49	18.37%	172	15.12%		
Female	95	15.79%	84	19.05%	100	6.00%	279	13.26%		
Total	163	15.34%	139	16.55%	149	10.07%	451	13.97%		

Graduation Rates by Ethnicity

During the three-year cohort period from Fall 1999 to Fall 2001, Caucasians accounted for 80 percent of the students who made up the cohorts that were used to determine the 2P1 Perkins graduation rates. African Americans made up 16 percent of the students in the cohorts. The graduation rates provided in Table 4 below indicate that there is a significant relationship between Virginia Western 2P1 Perkins graduation rates and ethnicity. It is clear from the data in Table 4 that the Perkins graduation rate for African Americans is significantly lower than that for the rest of the students who were included in the cohorts. It was disappointing to find that there was only one graduate out of the 73 African Americans who were included in the three-year cohort.

Table 4									
	Fa	II 1999 Cohort	Fall 2000 Cohort			II 2001 Cohort	Three Years Combined		
	Ν	Graduation Rate	N	N Graduation Rate		Graduation Rate	Ν	Graduation Rate	
Caucasian	132	17.42%	112	17.86%	116	12.93%	360	16.11%	
African American	23	0.00%	23	4.35%	27	0.00%	73	1.28%	
Other	8	25.00%	4	50.00%	6	0.00%	18	22.22%	
Total	163	15.34%	139	16.55%	149	10.07%	451	13.97%	

Information Collected From Student Transcripts

The transcripts of the students who made up the Fall 1999, Fall 2000, and Fall 2001 cohorts were examined to see if they could shed some light on what caused and what could be done about the low 2P1 graduation rates at Virginia Western. The courses that were completed by the students were compared with the course requirements of the curricular programs offered by the college to determine whether there were any students who could have graduated but did not. In four of the associate degree programs (Business, Communications Design, Administration of Justice, and Mental Health) where the college did not offer a related career studies certificate program, the GPAs and courses completed by the non-graduates were examined to determine if there were any students who would have graduated in a related career studies certificate program if one had been offered. Transcripts were reviewed, for example, to determine if any of the Administration of Justice non-graduates would have graduated during the allowed three-year period in a career studies certificate program in the area of Administration of Justice if such a program had been offered. A spreadsheet showing the information that was collected for each of the students is provided in the Appendix. An analysis of the data in the spreadsheet led to the following observations and findings:

1. As can be seen from Table 5, by the end of the allowed three years most of the non-graduates had either failed to earn the 2.00 minimum GPA that is required of all degrees at Virginia Western or else failed to earn the 18 credits that is required in the shortest career studies certificate program at Virginia Western. Approximately 70 percent of the non-graduates in the three-year cohort period from Fall 1999 to Fall 2001 had either accumulated fewer than 18 credits or had earned a GPA less than 2.00 by the end of the three-year period allowed for graduation. Since approximately 55 percent of the non-graduates had less than a 2.00 GPA, the college needs to continue and possibly expand its efforts to provide tutorial services to the Perkins students.

		Table 5						
	Non-Graduates At The End of Allowed Three Years							
			GPA <u>></u> 2.00 but	GPA < 2.00				
	Size of Cohort	Number	Credits <18					
Fall 1999	163	138	9.4%	59.4%				
Fall 2000	139	116	16.4%	56.9%				
Fall 2001	149	134	14.9%	53.7%				
Three Years	451	388	13.4%	56.7%				

2. During the three-year cohort period from Fall 1999 to Fall 2001 there were 20 non-graduates who could have been counted as graduates if they had bothered to apply for a degree program that they had satisfactorily completed. The data in Table 6 shows the impact that these students would have had on the graduation rates if they had applied for graduation. The primary programs where students completed the requirements but did not apply for graduation were the career studies certificate programs in Pre-Nursing, Pre-Dental Hygiene, and Pre-Radiography.

Table 6								
Cohort	Actual 2P1 Graduation Rate	Students Who Could Have Graduated But Did Not	Revised 2P1 Graduation Rate					
Fall 1999	15.34%	8	20.25%					
Fall 2000	16.55%	1	17.27%					
Fall 2001	10.07%	11	17.45%					
Three Years	13.97%	20	18.40%					

3. In 2005 the college began offering an Arts Foundation career studies certificate program. The requirements in the Arts Foundation program are a subset of the requirement of the two-year Communications Design associate degree program. If the Arts Foundation program had been an option for the students in the Fall 1999, Fall 2000, and Fall 2001 cohorts, the number of graduates from this three-year cohort period would have increased by 13. Similarly, if there had been career studies certificate programs in the areas of Business or Management. Administration of Justice, and Mental Health, the number of graduates would have increased by 9, 8, and 5, respectively. Thus, if career studies certificate programs in Arts Foundation, Business or Management, Administration of Justice, and Mental Health had been available to the student in the Fall 1999, Fall 2000, and Fall 2001 cohorts, the number of graduates would have increased by 35. As can be seen from Table 7, the college would have exceeded the 2P1 graduation target rate every year during the three-year cohort period

from Fall 1999 to Fall 2001 if the number of graduates had included the 20 students who completed the graduation requirements but did not bother to graduate and the 35 students who would have graduated if the four career studies programs discussed above had been available.

			Table 7		
	Cohort		Target 2P1 Graduation Rate	Students Who Could Have Graduated But Did Not <u>Plus</u> Potential Graduates From New Programs	Potential 2P1 Graduation Rate
	Number	Graduates			
Fall 1999	163	25	18.05%	21	28.22%
Fall 2000	139	23	18.10%	13	25.90%
Fall 2001	149	15	18.15%	21	24.16%
Three Years	451	63	18.10%	55	26.16%

4. Virginia Western's 2P1 graduation rate would be slightly larger if the VCCS would extend the end of the three-year period allowed for graduation from the end of spring semester to the end of summer semester. Since the cohort is based on fall enrollment, it would not be unreasonable to allow the three years that are allowed for graduation to include the summer term. At Virginia Western the number of graduates from the Fall 1999, Fall 2000, and Fall 2001 cohorts would have increased by 2, 1, and 4 students respectively if the graduation count had been made at the end of the summer semester instead of the end of the spring semester.

Under Representation of Health Technology Graduates in Cohorts

The majority of students who are admitted to the Nursing, Dental Hygiene, Radiography, and Practical Nursing programs at Virginia Western are not included in the cohorts that are used to determine the 2P1 graduation rates. Their exclusion is primarily due to the requirement that students in the cohort must be full-time, first-time students. Since the introductory health technology courses in these programs are only offered once a year (the fall semester), it is not unusual for students to use the preceding winter, spring, and summer semesters to complete some of the required general education courses. Also, unlike other programs at the college, a student cannot be accepted to any of these programs until all admission requirements have been satisfied. If a student has to complete one of the math or science prerequisites by taking a developmental course, the student will not be a first-time student when they are admitted to the program. As an example of how many majors in health technology programs end up being excluded, consider the Fall 1999 cohort. It included only 4 of the 51 Nursing majors, 2 of the 17 Radiography students, 0 of

the 19 Licensed Practical Nursing students, and 1 of the 31 Dental Hygiene students. It is unfortunate that the manner in which the cohort is defined tends to automatically exclude most of the majors in these health technology degree programs because these programs tend to have some of the highest program graduation rates. If more of the students in these programs were included in the cohorts that are used to compute the 2P1 graduation rates, the college would not have any trouble meeting the 2P1 graduation performance targets. To illustrate this point, look at the Fall 1999 program graduation rates shown below in Table 8. The Fall 1999 cohort had 163 students, 25 graduates, and a 2P1 graduation rate of 15.34 percent. Seven of the students and 5 of the graduates came from the 118 students and 61 graduates included in Table 8. Thus, 111 of the students and 56 of the graduates shown in Table 8 were not included in the Fall 1999 cohort. If these 111 students and 56 graduates had been counted in the Fall 1999 cohort, the Fall 1999 cohort would have had 274 students, 81 graduates, and a 2P1 graduation rate of 29.56%.

Table 8								
		Fall 1999 Class						
	N	N Graduates in 2001 Graduation Rate						
Nursing	51	25	49.02%					
Dental Hygiene	31	17	54.84%					
Practical Nursing	19	12	63.16%					
Radiography	17	7	41.18%					
Total	118	61	51.69%					

Efforts To Improve 2P1 Graduation Rate for Fall 2003 Cohort

The 2P1 graduation rate for the Fall 2003 cohort will be determined by the number of students in the cohort who graduate during the three-year period that begins with the Fall 2003 semester and ends with the Spring 2006 semester. A list of the students in the Fall 2003 cohort was obtained from the VCCS. An unofficial transcript was prepared for each of the 148 students who made up the Fall 2003 cohort. The transcripts revealed that only 10 of the 148 students had graduated as of November 2005. The courses that were completed by the remaining 138 students were then compared with the course requirements for the curricular programs that are offered at Virginia Western. The comparisons indicated that there were 31 students in the cohort who appeared to have a chance of graduating from one of the programs in the Spring 2006 semester. Then, to obtain a clearer picture of the graduation potential of the 31 students, an Advisement Transcript was prepared for each student. The following conclusions were drawn after reviewing the Advisement Transcripts:

- It would be impossible for 10 of the students to graduate in the Spring 2006 semester.
- Thirteen of the students had either already satisfied the graduation requirements for a program at Virginia Western or would satisfy the requirements if they successfully completed their fall semester courses.
 Reasonable course substitutions would be necessary for 3 of the students.

Eleven of the 13 students would be able to graduate with a career studies certificate program but they were actually in the process of pursuing an associate degree program that they would not be able to complete by the end of the Spring 2006 semester. If past history repeats itself, without intervention and encouragement by college officials some of these students may not bother to apply for graduation since they may not put much value on graduating from a career studies certificate program.

Eight of the students could satisfy the requirements for an associate degree, certificate, or career studies program by the end of the Spring 2006 semester by taking the right courses and by obtaining the appropriate course substitutions. A few of the 8 students had already registered for the courses that they need for graduation but some of the students may need to be reminded about the courses that they should take if they want to graduate. Without intervention and encouragement by college officials, it is likely that some of these potential graduates will be lost.

The college will need 27 graduates form the Fall 2003 cohort if it is to reach the anticipated VCCS target graduation rate of 18.15 percent. Ten of the students have already graduated, so to reach the goal of 27 graduates the college would need 17 graduates from the 21 potential graduates discussed above.

I shared the information that was collected from the review of the students in the Fall 2003 cohort with the Vice President of Academic and Student Affairs. I left a list of the 23 potential graduates with the Vice President, and he indicated that he thought the deans and faculty advisors would be able to make good use of the list.

Recommendations for Ways to Improve Virginia Western's 2P1 Graduation Rates

- Continue and possibly expand the One Great Hour, Reach, and tutorial programs and services that the college has developed to help improve retention and student success. These programs and services are clearly needed—approximately 70 percent of the nongraduates in the Fall 1999 – Fall 2001 three-year cohort either left the college before completing 18 credits or earned less than a 2.00 GPA.
- 2. Provide better advising, counseling, and academic support services to African American students. The graduation rate for the 73 African American students who were included in the Fall 1999 Fall 2001 three-year cohort was less than 2 percent and was significantly less than the graduation rate for the rest of the students in the cohort.
- 3. Encourage the deans, department heads, and faculty in the programs with low graduation rates to explore ways to improve the graduation rates. In the Fall 1999 Fall 2001 three-year cohort there were not any graduates from the following programs:

Computer Electronics Technology, Administrative Support Technology, Mechanical Engineering Technology, Electrical Engineering Technology, Child Care, and Architectural Drafting.

- 4. Provide students with more career studies program options. The 2P1 graduation rates for the Fall 1999, Fall 2000, and Fall 2001 cohorts would have been much higher if career studies programs in the areas of Business or Management, Communications Design, Administration of Justice, and Mental Health had been available. The college has already solved part of this need for additional career studies programs by adding the Arts Foundation program in 2005 and by developing plans to add new computer technology programs in 2006.
- 5. Assign someone the responsibility each fall semester of reviewing the graduation status of the students in the cohort whose graduation rate will be determined the following spring semester. Give the person the responsibility of working with the deans and department heads to ensure that potential spring graduates are taking the courses that they need and are doing what they should to complete their graduation requirements.
- 6. Modify Virginia Western's graduation policies to enable the college to certify a student as a graduate from a career studies certificate program if the college finds that the student has satisfied all of the graduation requirements except for the one that requires the student to complete an application for graduation. The revised policy could include a provision that a student who does not file an application for graduation but is certified as a career studies certificate graduate will not be listed in the commencement list of graduates and will not be issued a diploma. The 2P1 graduation rate for the Fall 1999, Fall 2000, and Fall 2001 cohorts would have been much higher if this policy had been in place at the time.
- 7. Encourage the VCCS to change the definition that is used to determine the students who are included in the 2P1 cohorts so that students who are enrolled in the health technology associate degree and certificate programs can be counted as members of the cohorts even though they are not first-time students. These programs are unique in that many students take general education support courses or required prerequisites while waiting to be admitted to the programs. The college's 2P1 graduation rates will be much higher and the 2P1 program areas graduation rates will more accurately reflect the actual graduation rates in these areas if this change can be implemented.
- 8. Encourage the VCCS to extend the three-year period that is used to measure 2P1 graduation rates from the end of the spring semester to the end of the summer term. The 2P1 graduation rates for the Fall 1999, Fall 2000, and Fall 2001 cohorts would have been slightly higher if the graduation count had been made at the end of the summer term instead of at the end of the spring semester.

Appendix

Transcript Review Of Students

Who Were Included

In The

Fall 1999, Fall 2000, and Fall 2003 Cohorts

Perkins Core Performance Measure - 2P1 Virginia Western Graduation Rate

Transcript Review of Fall 1999, Fall 2000, and Fall 2001 Cohorts

Fall 1999 Cohort

Student	dent Gender Ethnicity Curric		Curriculum				on-Graduates At End of Three Years
			Name	By End of Three Years	Credits	GPA	Later Grads & Potential Grads
1	F	Caucasian	Dental Hygiene	N	19	1.95	
2	F	Caucasian African	Mental Health	N	12	3.33	
3	F	American	Mental Health	N	0	0.00	
4	F	Caucasian	Mental Health	N	22	1.63	
5	F	Caucasian	Mental Health	N	14	1.69	
6	F	Caucasian	Mental Health	N	4	2.00	
7	M	Caucasian	Mental Health	N	19	1.84	
8	F	Caucasian African	Mental Health	N	24	2.09	
9	F	American	Mental Health	N	21	2.26	
10	F	Caucasian	Mental Health	N	5	1.54	
11	F	Caucasian African	Mental Health	N	1	0.00	
12	F	American	Mental Health	N	32	2.00	
13	M	Caucasian	Mental Health	N	0	0.00	
14	F	Caucasian	Mental Health	Y - Mental Health			
15	F	Caucasian	Mental Health	Y - General Studies			
16	F	Other	Mental Health	Y - Mental Health			
17	F	Caucasian	Nursing	N	24	2.59	
18	F	Caucasian	Nursing	N	1	0.00	
19	F	Caucasian	Nursing	Y - AST			
20	F	Caucasian	Nursing	Y - Nursing			
21	M	Caucasian	Radiography	N	50	2.50	CS - Pre-Radiography

22	F	Caucasian	Radiography	Y - Radiography			
23	M	Oriental	Accounting	N	31	3.32	
24	F	Caucasian	Accounting	N	0	0.00	
25	F	Caucasian	Accounting	N	9	2.25	
26	F	Caucasian	Accounting	N	68	2.20	CS - Business If Available
27	F	Caucasian	Accounting	N	7	2.33	
28	F	Other	Accounting	N	53	2.34	CS - Pre-Radiography
29	F	Caucasian	Accounting	N	1	0.00	
30	F	Hispanic	Accounting	Y - Accounting			
31	М	Caucasian African	Management	N	25	2.12	CS - Business If Available
32	M	American	Management	N	0	0.00	
33	M	Caucasian African	Management	N	12	1.50	
34	M	American	Management	N	0	0.00	
35	M	Caucasian	Management	N	0	0.00	
36	F	Caucasian	Management	N	0	0.00	
37	F	Caucasian	Management	N	13	3.25	
38	M	Caucasian	Management	N	54	3.43	CS - Business If Available
39	F	Hispanic	Management	N	9	1.00	
40	M	Caucasian	Management	N	28	2.03	
41	M	Caucasian	Management	N	1	0.00	
42	F	Caucasian African	Management	Y - Management			
43	F	American African	Clerical Studies	N	0	0.00	
44	F	American African	Clerical Studies	N	0	0.00	
45	F	American	Clerical Studies	N	6	1.55	
46	M	Caucasian African	Career Studies	N	37	3.10	CS - Pre-Radiography
47	F	American	Career Studies	N	0	0.00	
48	F	Caucasian African	Career Studies	N	29	1.79	
49	F	American	Career Studies	N	50	2.56	CS - Pre-Nursing
50	M	African	Career Studies	N	0	0.00	

		American					
51	F	Caucasian	Career Studies	N	0	0.00	
52	F	Caucasian	Career Studies	N	3	2.00	
53	F	Other	Career Studies	N	1	0.00	
54	М	Caucasian African	Career Studies	N	0	0.00	
55	F	American	Career Studies	N	1	0.00	
56	F	Caucasian	Career Studies	N	82	3.38	Grad Aug 02 - Legal Assisting
57	F	Caucasian	Career Studies	N	6	0.86	
58	F	Caucasian	Career Studies	N	1	0.00	
59	F	Caucasian	Career Studies	N	41	2.43	
60	F	Caucasian	Career Studies	N	50	3.02	
61	F	Caucasian	Career Studies	N	0	0.00	
62	F	Caucasian	Career Studies	N	1	0.00	
63	F	Caucasian	Career Studies	N	24	1.42	
64	F	Caucasian African	Career Studies	N	0	0.00	
65	F	American	Career Studies	N	0	0.00	
66	F	Caucasian	Career Studies	N	11	0.00	
67	F	Caucasian	Career Studies	N	23	2.73	
68	M	Caucasian	Career Studies	Y - Firefighting & Preven			
69	F	Caucasian	Career Studies	Y - Acting			
70	F	Caucasian	Legal Assisting	N	4	1.20	
71	F	Caucasian	Legal Assisting	Y - AST			
72	F	Caucasian	Medical Transcription	N	0	0.00	
73	F	Caucasian	Medical Transcription	Y - Medical Trans			
74	F	Caucasian	Administrative Support Tech	N	11	3.70	
75	F	Caucasian	Administrative Support Tech	N	76	2.89	CS - Art Foundation If Available
76	F	Caucasian	Administrative Support Tech	N	34	2.13	CS - Business If Available
77	F	Caucasian	Administrative Support Tech	N	24	1.97	
78	F	Caucasian	Administrative Support Tech	N	25	1.63	
79	M	Caucasian	Information System Tech	N	10	1.31	
80	F	Caucasian	Information System Tech	N	3	0.86	
81	F	Caucasian	Information System Tech	N	12	1.67	

82	М	Caucasian	Information System Tech	N	1	0.00	
83	M	Caucasian	Information System Tech	N	0	0.00	
84	M	Caucasian	Information System Tech	N	9	0.23	
85	М	Caucasian	Information System Tech	Y - IST			
86	М	Caucasian	Horticulture	Y - Horticulture			
87	М	Caucasian	Horticulture	Y - ADJ			
88	М	Caucasian	Horticulture	Y - Horticulture			
89	F	Hispanic African	Administration of Justice	N	0	0.00	
90	F	American	Administration of Justice	N	17	2.60	
91	F	Caucasian	Administration of Justice	N	52	2.71	
92	M	Caucasian	Administration of Justice	N	16	1.44	
93	М	Caucasian African	Administration of Justice	N	1	0.00	
94	F	American	Administration of Justice	N	0	0.00	
95	M	Caucasian	Administration of Justice	N	1	0.00	
96	M	Caucasian	Administration of Justice	N	22	3.00	
97	M	Caucasian	Administration of Justice	N	3	0.23	
98	M	Caucasian	Administration of Justice	N	38	2.44	CS - ADJ If Available
99	F	Caucasian African	Administration of Justice	N	7	1.33	
100	F	American	Administration of Justice	N	4	0.67	
101	M	Caucasian	Administration of Justice	N	4	0.30	
102	F	Caucasian	Administration of Justice	N	9	2.46	
103	M	Caucasian	Administration of Justice	N	0	0.00	
104	F	Caucasian	Administration of Justice	N	73	2.68	CS - ADJ If Available
105	F	Caucasian	Administration of Justice	N	0	0.00	
106	F	Caucasian African	Administration of Justice	N	36	2.80	CS - ADJ If Available
107	M	American	Administration of Justice	N	7	1.00	
108	F	Caucasian	Administration of Justice	N	0	0.00	
109	F	Caucasian	Administration of Justice	Y - ADJ			
110	M	Caucasian	Administration of Justice	Y - ADJ			
111	M	Caucasian	Communication Design	N	72	3.60	Grad May 03 - Commun Design
112	М	Caucasian	Communication Design	N	4	0.71	

113	F	Caucasian	Communication Design	N	58	2.80	Grad May 03 - Commun Design
114	М	Caucasian	Communication Design	N	12	3.00	
115	F	Caucasian	Communication Design	N	19	2.36	
116	F	Caucasian	Communication Design	N	28	1.84	
117	F	Caucasian African	Communication Design	N	56	3.83	CS - Art Foundation If Available
118	М	American	Communication Design	N	30	1.79	
119	М	Caucasian	Communication Design	N	1	0.15	
120	М	Caucasian African	Communication Design	N	12	1.48	
121	М	American	Communication Design	N	13	1.33	
122	F	Caucasian	Communication Design	N	55	2.49	CS - Art Foundation If Available
123	F	Caucasian	Communication Design	N	25	3.04	
124	М	Caucasian	Communication Design	N	37	3.41	CS - Art Foundation If Available
			3	Y - Communication			
125	М	Caucasian	Communication Design Early Childhood	Design			
126	F	Caucasian	Development Early Childhood	N	61	2.33	Grad Aug 02 -Early Childhood Ed
127	F	Caucasian	Development Early Childhood	N	46	2.67	C - Child Care
128	F	Caucasian	Development Early Childhood	N	43	2.63	
129	F	Caucasian	Development Early Childhood	N	60	2.29	Grad May 03 -Early Childhood Ed
130	F	Caucasian	Development	N	25	1.40	
		African	Early Childhood				
131	F	American	Development Early Childhood	N	13	1.60	
132	F	Caucasian	Development Early Childhood	N	0	0.00	
133	F	Caucasian	Development Early Childhood	N	75	3.16	C - Child Care
134	F	Caucasian	Development Early Childhood	Y - Early Childhood Devel			
135	F	Caucasian	Development Early Childhood	Y - Early Childhood Devel			
136	F	Caucasian	Development	Y - Early Childhood Devel			

		African					
137	М	American	Construction Tech.	N	9	0.67	
138	М	Caucasian	Construction Tech.	N	1	0.00	
139	М	Caucasian	Construction Tech.	N	11	1.00	
140	М	Caucasian	Construction Tech.	N	4	2.00	
141	М	Caucasian	Construction Tech.	N	27	2.30	
142	М	Caucasian	Construction Tech.	N	13	1.11	
143	M	Caucasian	Air Conditioning & Refrig	Y - Air Condition & Refrig			
144	M	Caucasian	Air Conditioning & Refrig	Y - Air Condition & Refrig			
145	М	Caucasian	Electrical Engineering Tech	N	41	3.00	
146	М	Caucasian	Electrical Engineering Tech	N	2	4.00	
147	М	Caucasian	Electrical Engineering Tech	N	24	2.42	
148	М	Caucasian	Electrical Engineering Tech	N	17	2.31	
149	М	Caucasian	Electrical Engineering Tech	N	8	1.15	
150	М	Caucasian	Electrical Engineering Tech	N	11	1.53	
151	М	Oriental	Electrical Engineering Tech	N	32	2.23	
152	M	Caucasian	Electrical Engineering Tech Mechanical Engineering	N	78	2.31	
153	M	Caucasian	Tech Mechanical Engineering	N	20	1.72	
154	М	Caucasian	Tech	N	42	3.02	
155	M	Caucasian	Radio & TV Production	N	15	0.85	
156	M	Caucasian African	Radio & TV Production	N	2	0.50	
157	F	American	Radio & TV Production	N	0	0.00	
158	M	Caucasian	Radio & TV Production	N	17	1.41	
159	M	Caucasian	Radio & TV Production	N	13	1.19	
160	F	Caucasian African	Radio & TV Production	N	0	0.00	
161	M	American	Radio & TV Production	N	23	1.96	
162	M	Caucasian	Welding	N	36	2.70	C - Weld
163	М	Caucasian	Welding	Y - Welding			

Fall 2000 Cohort

Student	Gender	Ethnicity	nicity Curriculum	Graduated	Record of Non-Graduates At End of Three Years				
			Name	By End of Three Years	Credits	GPA	Later Grads & Potential Grads		
4		African		N.	4	0.00			
1	M	American	Mental Health	N	1	0.20			
2	F	Caucasian	Mental Health	N	35	3.03			
3	M	American Indian	Mental Health	N	0	0.00			
4	F	Caucasian	Mental Health	N	2	2.00			
5	F	Caucasian	Mental Health	N	1	0.29			
6	F	Caucasian	Mental Health	N	14	2.00			
7	M	Caucasian	Mental Health	N	15	1.29			
8	F	Caucasian	Mental Health	N	13	2.46			
9	M	Caucasian	Mental Health	N	4	0.26			
10	F	Caucasian	Mental Health	N	14	3.50			
11	F	Caucasian	Mental Health	N	7	0.69			
12	F	Caucasian	Mental Health	Y - Mental Health					
13	M	Caucasian	Mental Health	Y - Mental Health					
14	F	Hispanic	Nursing	N	58	2.77	Grad May 04 - Soc Sci		
15	F	Caucasian	Radiography	Y - Radiography					
16	F	Caucasian	Radiography	Y - Radiography					
17	F	Caucasian African	Accounting	N	22	2.05			
18	F	American	Accounting	N	13	1.21			
19	F	Caucasian	Accounting	N	59	2.46	CS - Business If Available		
20	F	Caucasian	Accounting	N	57	3.88	Grad Dec 03 - Mental Health		
21	F	Caucasian	Accounting	N	8	1.46			
22	F	Caucasian	Accounting	N	1	0.25			
23	F	Caucasian	Accounting	Y - AST					
24	F	Caucasian	Accounting	Y - Accounting					
25	F	Oriental	Accounting	Y - Bus. Admin.					

26	М	Caucasian	Management	N	15	1.39	
27	F	Caucasian	Management	N	1	0.25	
28	F	Caucasian	Management	N	1	2.00	
29	F	Caucasian	Management	N	1	0.75	
30	F	Caucasian African	Management	N	20	4.00	
31	M	American	Management	N	13	2.85	
32	F	Caucasian African	Management	N	0	0.00	
33	М	American	Management	N	10	1.70	
34	F	Caucasian	Management	N	0	0.00	
35	F	Caucasian	Management	N	1	0.50	
36	M	Caucasian	Management	N	4	0.57	
37	M	Caucasian	Management	Y - Engineering			
38	М	Caucasian African	Management	Y - Elect. Wiring			
39	F	American	Pre- Radiography	N	22	1.88	
40	М	Caucasian	Misplaced ??	N	41	2.16	
41	F	Caucasian	Pre-Nursing	N	31	2.17	
42	F	Caucasian	Pre- Radiography	N	33	1.46	
43	F	Caucasian	Pre-Nursing	N	48	2.35	Grad May 04 - Mental Health
44	F	Caucasian	Pre-Nursing	N	4	0.50	
45	F	Caucasian African	Pre-Nursing	N	1	0.75	
46	F	American	Pre-Nursing	N	21	1.65	
47	F	Caucasian African	Pre- Practical Nursing	N	1	0.20	
48	F	American	Pre-Nursing	N	1	0.33	
49	F	Caucasian	Pre-Nursing	N	54	2.41	CS - Pre-Nursing (Aug 03)
50	F	Caucasian	Pre-Nursing	N	1	2.00	
51	F	Caucasian	Pre-Nursing	N	2	0.67	
52	F	Caucasian	Misplaced ??	N	3	2.50	
53	F	Caucasian African	Pre-Nursing	N	43	2.38	
54	F	American	Pre-Nursing	N	1	0.50	
55	F	Caucasian	Pre-Dental Hygiene	N	35	2.62	CS - Pre-Dental Hygiene

56	F	Caucasian	Pre- Radiography	N	5	0.71	
57	F	Caucasian	Pre-Nursing	N	56	2.86	Grad May 04 - Nursing; CS (Aug 03)
58	F	Caucasian	Pre-Nursing	N	4	1.57	
59	F	Caucasian	Pre-Nursing	N	54	2.59	
60	F	Caucasian	Pre-Nursing	Y - Early Chd Dev			
61	F	Caucasian African	Legal Assisting	N	5	0.50	
62	F	American African	Medical Transcription	N	3	0.00	
63	F	American African	Medical Transcription	N	2	0.25	
64	F	American	Medical Transcription	Ν	40	2.25	
65	F	Caucasian	Medical Transcription	Y - Medical Trans			
66	F	Caucasian African	Administrative Support Tech	N	2	1.00	
67	F	American	Administrative Support Tech	N	1	0.18	
68	М	Caucasian African	Information System Tech	N	2	0.40	
69	M	American	Information System Tech	N	6	2.83	
70	M	Caucasian	Information System Tech	N	4	0.23	
71	M	Caucasian	Information System Tech	N	27	1.38	
72	F	Oriental	Information System Tech	Y - IST			
73	F	Caucasian	Horticulture	N	12	1.53	
74	M	Caucasian	Horticulture	Y - Horticulture			
75	M	Caucasian	Administration of Justice	N	6	1.33	
76	M	Caucasian	Administration of Justice	Ν	47	2.21	Grad Dec 04 - ADJ
77	M	Caucasian	Administration of Justice	Ν	10	3.20	
78	M	Caucasian	Administration of Justice	Ν	4	0.52	
79	F	Caucasian	Administration of Justice	Ν	1	0.57	
80	F	Caucasian	Administration of Justice	Ν	43	2.09	CS - ADJ If Available
81	M	Caucasian	Administration of Justice	N	3	1.00	
82	F	Caucasian African	Administration of Justice	N	72	2.97	Grad Aug 04 - ADJ
83	М	American African	Administration of Justice	N	14	2.36	
84	F	American	Administration of Justice	N	8	0.71	

85	F	Caucasian	Administration of Justice	N	18	2.86	
86	F	Caucasian	Administration of Justice	N	15	1.38	
87	F	Caucasian	Administration of Justice	N	51	3.06	CS - ADJ If Available
88	M	Caucasian African	Administration of Justice	N	19	1.73	
89	F	American	Administration of Justice	N	52	2.26	Grad May 04 - ADJ
90	M	Caucasian	Administration of Justice	N	8	1.14	
91	M	Caucasian	Administration of Justice	N	1	3.00	
92	M	Caucasian	Administration of Justice	Y - Mangement			
93	F	Caucasian African	Administration of Justice	Y - ADJ			
94	F	American	Administration of Justice	Y - ADJ			
95	F	Caucasian	Administration of Justice	Y - ADJ			
96	F	Caucasian	Administration of Justice	Y - ADJ			
97	М	Caucasian	Administration of Justice	Y - ADJ			
98	F	Caucasian	Communication Design	N	42	2.33	
99	М	Caucasian	Communication Design	N	66	2.59	CS - Art Foundations If Available
100	М	Caucasian	Communication Design	N	10	1.23	
101	M	Caucasian	Communication Design	N	52	3.36	Grad May 04 - General Stud
102	F	Caucasian	Communication Design	N	25	3.00	
103	F	Caucasian	Communication Design	N	6	1.00	
104	М	Caucasian	Communication Design	N	63	3.11	Grad May 04 - Commun Design
105	F	Caucasian	Communication Design	N	62	2.47	CS - Art Foundations If Available
106	M	Caucasian	Communication Design	N	9	2.57	
107	M	Caucasian	Communication Design	N	16	2.30	
108	M	Caucasian	Communication Design	Y - Comm Design			
109	F	Caucasian	Communication Design	Y - Comm Design			
110	F	Caucasian	Communication Design	Y - Comm Design			
111	F	Caucasian African	Child Care Early Childhood	N	16	1.58	
112	F	American	Development Early Childhood	N	7	1.39	
113	F	Caucasian	Development Early Childhood	N	36	2.69	
114	F	Caucasian	Development	N	36	1.76	

			Early Childhood				
115	F	Caucasian	Development	N	39	1.33	
116	M	Caucasian	Construction Tech.	N	22	2.50	
117	M	Caucasian	Computer Electronics Tech	N	16	1.06	
118	M	Caucasian	Computer Electronics Tech	N	4	1.29	
119	М	Caucasian	Computer Electronics Tech	N	3	0.67	
120	М	Caucasian	Computer Electronics Tech	N	0	0.00	
121	M	Caucasian African	Computer Electronics Tech	N	3	2.67	
122	M	American African	Computer Electronics Tech	N	4	0.75	
123	M	American	Computer Electronics Tech	N	38	2.43	
124	M	Caucasian	Architectural Drafting Mechanical Engineering	N	66	2.47	Grad Aug 03 - Mechanical Engr
125	M	Caucasian	Tech Mechanical Engineering	N	35	1.85	Grad May 04 - Management
126	F	Caucasian	Tech Mechanical Engineering	N	6	1.29	
127	M	Caucasian	Tech	N	43	1.98	
400		African	Mechanical Engineering	N	•	4.00	
128	M	American	Tech Mechanical Engineering	N	6	1.33	
129	M	Caucasian	Tech Mechanical Engineering	N	4	1.17	
130	M	Caucasian African	Tech	N	7	1.53	
131	M	American	Radio & TV Production	N	1	2.00	
132	M	Caucasian	Radio & TV Production	N	1	0.50	
133	F	Caucasian	Radio & TV Production	N	39	1.73	
134	М	Caucasian	Radio & TV Production	N	5	0.55	
135	М	Caucasian	Radio & TV Production	N	14	1.77	
136	М	Caucasian	Radio & TV Production	N	1	4.00	
137	M	Caucasian African	Radio & TV Production	N	14	2.05	
138	F	American	Radio & TV Production	N	14	2.64	
139	F	Caucasian	Radio & TV Production	Y - Radio & TV Pro			

Fall 2001 Cohort

					Record of Non-Graduates At End of Three				
Student	Gender	Ethnicity	Curriculum	Graduated			Years		
			Name	By End of Three Years	Credits	GPA	Later Grads & Potential Grads		
1	F	Caucasian African	Dental Hygiene	Y - Dental Hygiene					
2	F	American	Mental Health	N	60	2.48	Grad Aug 05 - Mental Health		
3	F	Caucasian	Mental Health	N	0	0.00			
4	F	Caucasian	Mental Health	N	5	0.00			
5	F	Caucasian	Mental Health	N	4	0.81			
6	F	Caucasian African	Mental Health	N	5	0.00			
7	F	American	Mental Health	N	56	2.06	CS - Mental Health If Available		
8	F	Caucasian African	Mental Health	N	0	0.00			
9	F	American African	Mental Health	N	16	2.26			
10	F	American	Mental Health	N	0	0.00			
11	F	Caucasian African	Mental Health	N	16	2.05			
12	F	American	Mental Health	N	4	3.50			
13	F	Caucasian	Mental Health	N	12	1.11			
14	F	Caucasian	Mental Health	N	62	2.90	CS - Mental Health If Available		
15	F	Caucasian	Mental Health	N	0	0.00			
16	F	Caucasian	Nursing	N	40	2.28			
17	M	Caucasian	Radiography	Y - Radiography					
18	F	Caucasian African	Accounting	N	53	2.23	CS - Business If Available		
19	F	American	Accounting	N	0	0.00			
20	F	Caucasian African	Accounting	N	16	1.86			
21	F	American	Accounting	N	4	0.22			
22	F	Caucasian	Accounting	N	40	1.56			

23	F	Caucasian African	Accounting	N	17	1.88	
24	F	American	Management	N	0	0.00	
25	M	Caucasian African	Management	N	9	2.33	
26	F	American	Management	N	0	0.00	
27	F	Caucasian	Management	N	3	3.00	
28	F	Caucasian	Management	N	83	2.33	Grad Aug 2004- Social Sciences
29	F	Caucasian	Management	N	11	1.90	
30	F	Caucasian African	Management	N	62	2.67	CS - Business If Available
31	F	American	Management	N	10	1.18	
32	F	Caucasian	Management	N	17	1.76	
33	M	Caucasian	Management	N	4	0.80	
34	F	Caucasian	Management	N	17	2.52	
35	F	Oriental	Management	N	37	1.75	
36	F	Caucasian	Clerical Studies	N	15	2.80	
37	F	Caucasian	Clerical Studies	N	61	2.72	Clerical Studies
38	F	Caucasian	Clerical Studies	Y - AST			
39	F	Caucasian	Health Technolgy	N	9	1.61	
40	F	Caucasian African	Pre-Dental Hygiene	N	0	0.00	
41	F	American	Pre-Nursing	N	24	3.08	
42	F	Caucasian	Pre-Dental Hygiene	N	56	3.21	Grad May 05 - Dental Hygiene
43	F	Caucasian	Health Technolgy	N	27	2.07	
44	M	Caucasian	Fire Fighting & Prevention	N	21	1.46	
45	F	Caucasian African	Health Technolgy	N	17	1.80	
46	F	American	Pre-Nursing	N	8	0.50	
47	F	Caucasian	Pre-Nursing	N	1	4.00	
48	M	Caucasian	Health Technolgy	N	1	2.00	
49	F	Caucasian	Pre-Radiography	N	19	2.65	
50	M	Caucasian	Horticulture	N	16	1.58	
51	F	Caucasian	Pre-Radiography	N	32	2.10	
52	F	Caucasian	Pre-Nursing	N	0	0.00	

		African					
53	F	American African	Pre-Radiography	N	20	1.96	
54	F	American African	Health Technolgy	N	6	3.17	
55	F	American	Pre-Nursing	N	0	0.00	
56	F	Caucasian	Pre-Nursing	N	71	2.97	CS - Pre-Nursing
57	F	Caucasian	Pre-Radiography	N	56	2.47	CS - Pre-Radiography
58	F	Caucasian	Pre-Radiography	N	74	2.79	Grad Aug 04 - Radiography
59	F	Hispanic	Pre-Nursing	N	7	1.86	
60	M	Caucasian	Pre-Nursing	N	14	2.38	
61	F	Caucasian	Pre-Practical Nursing	N	18	2.17	
62	F	Caucasian African	Pre-Nursing	N	30	2.30	
63	F	American	Pre-Nursing	N	53	2.37	Grad May 05 - Nursing
64	F	Other	Pre-Nursing	N	1	4.00	
65	F	Caucasian	Pre-Practical Nursing	N	1	1.00	
66	F	Caucasian	Pre-Nursing	N	26	2.40	CS - Pre _Nursing (Aug '04)
67	F	Caucasian	Pre-Nursing	N	38	2.31	
68	F	Caucasian	Pre-Nursing	N	46	2.67	CS - Pre-Nursing
69	F	Caucasian	Pre-Nursing	N	0	0.00	
70	F	Caucasian	Pre-Nursing	Y - Nursing			
71	F	Caucasian African	Pre-Nursing	Y - Nursing			
72	M	American	Legal Assisting	N	1	0.25	
73	F	Caucasian African	Legal Assisting	N	28	3.78	
74	F	American	Administrative Support Tech	N	12	1.74	
75	F	Caucasian	Administrative Support Tech	N	66	2.68	
76	F	Oriental	Administrative Support Tech	N	10	2.40	
77	F	Caucasian African	Administrative Support Tech	N	0	0.00	
78	F	American	Administrative Support Tech	N	0	0.00	
79	F	Caucasian	Administrative Support Tech	N	1	0.00	
80	F	Caucasian	Information System Tech	N	18	1.33	
81	M	Caucasian	Information System Tech	N	10	2.00	

82	М	Caucasian	Information System Tech	N	0	0.00	
83	M	Caucasian	Information System Tech	N	11	1.17	
84	M	Caucasian	Information System Tech	N	0	0.00	
85		Caucasian	•	N	7	0.85	
86	M		Information System Tech		7 26	2.80	
	M	Caucasian	Information System Tech	N			
87	F -	Caucasian	Information System Tech	N	4	1.75	
88	F	Caucasian African	Information System Tech	N	16	1.68	
89	M	American	Information System Tech	N	21	2.48	
90	F	Caucasian African	Information System Tech	N	53	2.17	CS - Business If Available
91	M	American	Information System Tech	N	32	1.75	
92	M	Caucasian	Information System Tech	Y - ADJ			
93	M	Caucasian	Horticulture	N	27	1.62	
94	M	Caucasian	Horticulture	N	41	1.66	
95	F	African American	Administration of Justice	N	9	2.73	
96	F	Caucasian	Administration of Justice	N	6	2.00	
97	M		Administration of Justice	N	22	2.17	
		Caucasian African					
98	M	American	Administration of Justice	N	30	1.80	
99	M	Caucasian	Administration of Justice	N	0	0.00	
100	M	Caucasian	Administration of Justice	N	13	1.67	
101	F	Caucasian	Administration of Justice	N	39	2.49	
102	F	Caucasian	Administration of Justice	N	43	3.00	
103	F	Caucasian	Administration of Justice	N	13	1.18	
104	M	Caucasian	Administration of Justice	N	0	0.00	
105	М	Caucasian	Administration of Justice	Y - ADJ			
106	F	Caucasian	Administration of Justice	Y - ADJ			
107	М	Caucasian	Communication Design	N	51	2.80	Grad May 05 - Commun Design
108	F	Caucasian	Communication Design	N	37	4.00	CS - Art Foundations If Available
109	F	Caucasian	Communication Design	N	0	0.00	
110	М	Caucasian	Communication Design	N	0	0.00	
111	F	Caucasian	Communication Design	N	27	2.90	CS - Art Foundations If Available
112	М	Caucasian	Communication Design	N	0	0.00	
			•				

113	F	Caucasian	Communication Design	N	68	2.57	Grad May 05 - Commun Design
114	М	Caucasian	Communication Design	N	27	1.61	
115	М	Caucasian	Communication Design	N	21	1.71	
116	F	Caucasian	Communication Design	N	0	0.00	
117	М	Caucasian	Communication Design	Ν	3	1.00	
118	М	Caucasian	Communication Design	Ν	0	0.00	
119	М	Caucasian	Communication Design	Y - Commun Design			
120	F	Caucasian	Communication Design	Y - Commun Design			
121	М	Caucasian	Communication Design	Y - Commun Design			
122	М	Caucasian African	Communication Design	Y - Commun Design			
123	F	American	Child Care Early Childhood	N	15	1.96	
124	F	Caucasian	Development Early Childhood	N	1	0.06	
125	F	Caucasian	Development Early Childhood	N	41	2.05	
126	F	Caucasian	Development Early Childhood	N	60	3.48	Grad Aug 04 - Early Childhood Devel
127	F	Caucasian	Development Early Childhood	N	63	2.34	Grad Aug 04 - Early Childhood Devel
128	F	Hispanic	Development	N	49	3.66	
129	F	Caucasian	Construction Tech.	N	67	2.25	Grad Dec 04 - Construction Technology
130	F	Caucasian	Construction Tech.	N	4	0.70	
131	М	Oriental	Construction Tech.	N	47	2.73	CS - Pre-Dental Hygiene
132	F	Caucasian	Construction Tech.	N	43	2.70	CS - Civil Technology Surveying
133	М	Caucasian	Construction Tech.	Y - Construction Tech			
134	М	Caucasian	Construction Tech.	Y - Construction Tech			
135	М	Caucasian African	Computer Electronics Tech	N	8	3.00	
136	М	American	Computer Electronics Tech	N	0	0.00	
137	М	Caucasian	Computer Electronics Tech	N	17	2.00	
138	М	Caucasian African	Computer Electronics Tech	N	43	2.91	
139	F	American	Computer Electronics Tech	N	1	0.18	
140	F	Caucasian	Computer Electronics Tech	N	15	1.55	

141	М	Caucasian	Computer Electronics Tech	N	3	0.58
142	М	Caucasian	Computer Electronics Tech	N	9	1.50
143	M	Caucasian	Architectural Drafting Mechanical Engineering	N	3	2.67
144	M	Caucasian African	Tech	N	10	1.70
145	F	American	Radio & TV Production	N	0	0.00
146	F	Caucasian	Radio & TV Production	N	14	1.86
147	M	Caucasian	Radio & TV Production	Ν	0	0.00
148	М	Caucasian	Radio & TV Production	N	7	3.14
149	М	Caucasian	Radio & TV Production	Y - Radio & TV Prod		