



Employment Outcomes

Career Placement Services

August 2006

(Vacant)
Director

Career Placement Services

Phone: (909) 594-5611 x4510 Website: <http://placement.mtsac.edu>

Arnita Champion
Job Developer

Darma Paden
Job Developer

Sam Nassar
Job Developer

Zelda Bolden
Job Developer

Michele Smith
Cal WORKS

Rosa Asencio
Secretary

Degree and Certificate-Related Employment For the Vocational Graduates of 2003-04

This report presents employment data collected from Mt. SAC's 2003-04 vocational program graduates in relationship to the degrees/certificates that they received. As indicated in last year's report, the intent of this research is to obtain a more specific picture of the employment outcomes for those who have earned these degrees and certificates (referred to collectively as awards), and to establish an ongoing history of employment data that could be used by career education departments for planning, marketing and program review.

In October of 2005, the Mt. SAC Career Placement Services department (CPS) mailed surveys to all 2003-04 A.S. Degree and career certificate recipients to gather data concerning: a) the number of graduates who were employed, b) percentages of A.S. Degrees and career certificates belonging to graduates who are employed in positions related to their respective degrees/certificates, c) starting salaries for those were employed, d) the importance of vocational education programs in preparing graduates for related employment, and e) graduate satisfaction with their education at Mt. SAC. **This report presents the data gathered for items 'a' and 'b' only.** Data collected for items 'c', 'd' and 'e' will be presented at a later date in a report by the Office of Research and Institutional Effectiveness (RIE). Once completed, the report will be available on the RIE website (<http://research.mtsac.edu/>).

Instructional divisions can use the data presented in this report to track and document the employment outcome of its vocational graduates, to identify employment trends for specific vocational fields, and to assist in the evaluation of institutional effectiveness. It is important to note that the focus of this effort was to gather and report facts. **There is no attempt to measure the value of any institutional program from the data presented.**

Methodology

In October 2005, a questionnaire was mailed to all individuals who obtained an A.S. Degree or career certificate from Mt. SAC in 2003-04 (total of 872 graduates). Over a one month period, 150 individuals completed their questionnaires and returned them by mail. In November of 2005, a follow-up effort was conducted by Career Placement Services in which phone calls were made to all 722 non-respondents. In the process of calling, some graduates' numbers were found to be no longer in service or not valid. Most of the graduates that were reachable through this effort agreed to be surveyed by phone, resulting in an additional 304 completed questionnaires. The end result was that 454 surveys were collected—a response rate of 52% (454/872).

Of the 454 respondents, it was determined that 19 were not members of the cohort of graduates targeted for this study. As indicated earlier, the purpose of this report is to present employment data collected from Mt. SAC's 2003-04 vocational program graduates in relationship to the degrees/certificates that they received. It is important therefore, to distinguish those who have left college and are looking for training-related employment, from continuing students who haven't yet sought employment related to their education. Nineteen of the respondents indicated that they were currently enrolled in classes in continuance of their education, and that they had not tried to find work related to their degree/certificate. The fact that these particular respondents do not have jobs related to their education should not be allowed to diminish the placement rates for the programs that they represent. Therefore, the responses for 19 of the 454 completed surveys were excluded from this report, bringing the number of questionnaires used to tabulate employment data to 435.

A copy of the survey instrument that was used in this study is included in Appendix A. Responses to questionnaire items #1 "*Are you currently employed?*" and #2 "*Is your job related to your Mt. SAC award?*" were used to provide the employment data presented in this report.

Item #1 provides the employment status of every respondent, regardless of which certificate(s) or degree(s) they have earned, or whether their current employment is related to their award(s). If the graduate indicated that they were employed, they were asked to respond to Item #2, to identify whether the job that they had was related to their Mt. SAC award. Individual questionnaires were customized to be respondent-specific with regard to Item #2. Here the questionnaire listed every A.S. Degree and/or certificate that the graduate earned in 2003-04. Of the 435 graduates that included in this report, 97 earned multiple awards in 2003-04. These graduates were asked to mark a response next to each of their awards as to whether their current employment was "related" or "not related" to that specific degree or certificate. Responses to Item #2 provided the information needed to group employment outcome data by certificate and degree (See Appendices B and C).

Data provided by responses to other portions of this survey, though not reported here, will be used by the Office of Research and Institutional Effectiveness, and combined with data gathered from a survey of 2003-04 AA Degree recipients for a future report.

Limitations

Although CPS sent a survey to every student who received a vocational degree or certificate in 2003-04, it should be noted that certificates and degrees were only awarded to those qualified students who requested them. Therefore, it may be assumed that there are some individuals who qualified for a degree or certificate who were not surveyed, because they did not request and receive their degree/certificate.

A review of Appendices B and C will quickly reveal that many vocational degrees and certificates are represented by as few as one or two respondents. In most cases, this is because there were only a few students who earned a degree or certificate in those programs during 2003-04. In these instances, the reader should be careful not to infer too much about placement rates from the data. For example, it takes only one successful placement to show a 100% employment rate in a certificate program represented by only one respondent. The converse is also true, which could give the unfair impression of a poor employment outlook for anyone enrolled in that particular program. **Therefore, the greater the number of graduates and respondents, the more meaningful the data becomes.** Nevertheless, it must also be understood that even one or two responses in a particular degree or certificate category each year may be useful if there is comparable employment data from adjacent years and a trend becomes apparent. This is the third consecutive year that employment outcome data for Mt. SAC vocational graduates has been collected, increasing the value of this study as a whole. Once collected, data from accumulative years should provide a reasonable history of outcomes that will be useful to a majority of the vocational programs.

Results

This section presents a general overview of the findings. Employment outcomes specific to vocational certificates and A.S. Degrees awarded in 2003-04 are included in Appendices B and C respectively. **The reported employment numbers and calculated percentages herein are presented in relationship to the number of certificates and degrees awarded, rather than in reference to individual graduates.** To illustrate: the survey found that 289 career certificates and 173 Associate of Science Degrees (462 total awards) belonged to graduates who were employed. However, the 462 total awards do not represent 462 graduates, because 22% of the respondents earned more than one award. Therefore, whenever a student who had received two awards in 2003-04, for example, reported having obtained one job that was related to both awards, then each award was credited with an award-related hire in their respective tables (Appendices B & C). On the other hand, if the job was related to only one of the awards, and not the other, the appropriate award was credited with an award-related hire while the other was credited with an unrelated hire.

Employment-Outcome Responses for All Awards

A total of 435 alumni, representing 579 awards (CC=373, AS=206) had completed the surveys. Based upon their responses to Item #1 “Are you currently employed?” of the graduate survey, the overall employment rate for graduates with an A.S. Degree or certificate in any type of employment was 80.7% (n=351). This data is **graduate** specific.

Responses to survey Item2 “Is your job related to your Mt. SAC award?” provided award specific employment data for a total of 579 degrees and certificates out of the 1,175 A.S. Degrees and certificates awarded by Mt. SAC in 2003-04. Data collected from the responses to Item #2 are reported in Tables 1 through 6 below, and in detail in Appendices B and C.

Table 1 provides an aggregate view of employment data for all award responses. Of all 579 awards, 300 (51.8%) belonged to graduates who were employed in jobs related to those awards (award related). An additional 126 awards (21.8%) belonged to graduates with jobs that were unrelated to those specific degrees and certificates, and another 36 awards (6.2%) belonged to those who were employed but did not specify if their jobs related to awards. The total number of awards belonging to graduates who were employed was 462, which is 79.8% of all awards reported. Ninety-nine awards (17.1%) belonged to graduates who were unemployed at the time of the survey and 18 awards (3.1%) did not respond to employment question on the survey.

Employment-Outcome Responses for All Awards

Table 1	Number / % of Awards Belonging to Employed Graduates			Number / % awards belonging to Unemployed Graduates	Number / % awards belonging to No Response on employment Graduates	Total count	Percent of Awards Belonging to Graduates in any type of Employment
	Award Related Employment	Unrelated Employment	No Response				
Certificate	180/48.3%	81/21.7%	28/7.5%	68/18.2%	16/4.3%	373	77.5%
AS Degree	120/58.3%	45/21.8%	8/3.8%	31/15.0%	2/1.0%	206	84.0%
Combined	300/51.8%	126/21.8%	36/6.2%	99/17.1%	18/3.1%	579	79.8%

Employment-Outcome Responses for Certificates

Employment-outcome responses reported for specific certificates are presented in Appendix B, by division and certificate. If a particular certificate was awarded to at least one recipient in 2003-04, it was listed in the Appendix B tables. If none of the recipients of that certificate participated in the survey, data columns were left blank.

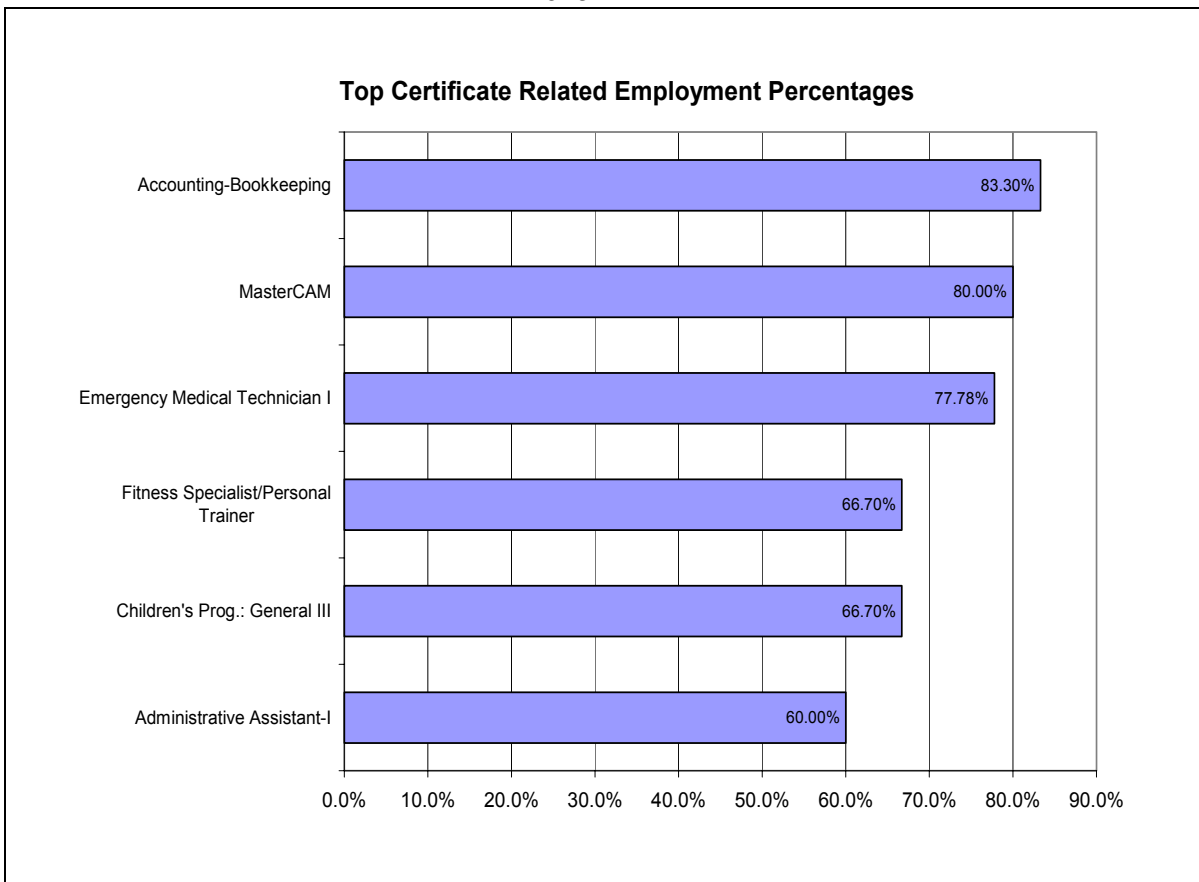
A total of 373 employment-outcome responses for awarded certificates are included in this report. Within this group, a total of 289 certificates belonged to employed graduates representing a 77.5% of overall employment rate by certificate. Out of this same group,

180 certificates belonged to graduates who indicated their employment were certificate-related (see Table 1), representing an aggregate **certificate-related employment percentage (CREP)** of 48.3%.

Some of the certificates with the highest CREPs are listed below (Chart 1). These selected certificates have a minimum of five survey responses and with at least 60% of the responses from graduates identified as being employed in a job that is certificate-related.

- Accounting-Bookkeeping – 6 responses, **CREP= 83.3%**
- MasterCAM– 5 responses, **CREP= 80.0%**
- Emergency Medical Technician – 9 responses, **CREP= 77.8%**
- Fitness Specialist/Personal trainer – 6 responses, **CREP= 66.7%**
- Children’s Program: General III–12 responses, **CREP= 66.7%**
- Administrative Assistant I – 5 responses, **CREP= 60.0%**

Chart 1.



A review of Appendix B will show that there are other certificate categories with higher than 60% certificate-related employment percentages but most of these are based upon one or two responses. Caution is warranted to avoid generalizations for certificates represented by so few recipients and/or responses. Neither high nor low certificate-related employment percentages carry much weight when they are the product of responses from only one or two graduates. However, in either case, a compilation of multiple years of survey data for certificates that normally represented by only a few respondents, could lead to reasonable conclusions if a consistent trend becomes apparent. This is the third consecutive year that this type of survey has been conducted, and a comparison of data from three years' reports will, for some certificates, provide enough information to gain a fair idea about the probability of future employment success.

Employment-Outcome Responses for A.S. Degrees

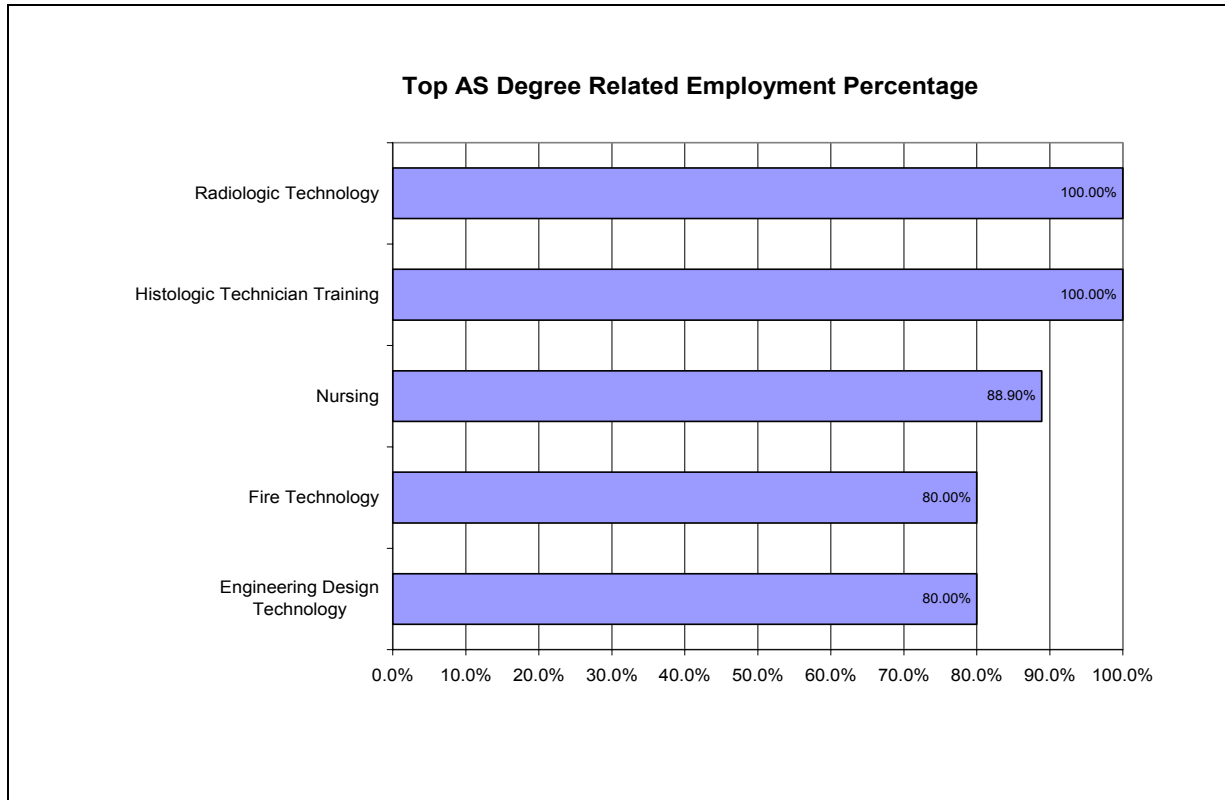
The reported employment outcomes for specific A.S. Degrees are presented in Appendix C by division and degree. If a particular degree had at least one recipient in 2003-04, it was included here, even if no recipients participated in the survey. In such cases, the data cells were left blank.

Employment-outcome responses were received for a total of 206 Associate in Science Degrees in this report. Within this group, 173 A.S. Degrees belonged to employed graduates, representing an overall employment rate of 84.0% for the A.S. Degrees. Out of this same group, a total of 120 positive-employment outcomes were degree related (Table 1), representing an aggregate **degree-related employment percentage (DREP)** of 58.3%.

Some of the A.S. Degrees with the highest DREPs are listed below (see Chart 2). These are A.S. Degrees from Appendix C for which there were a minimum of five survey responses, with at least 60% of the responses from graduates with degree-related employment.

Radiologic Technology – 6 respondents, **DREP= 100%**
Histologic Technician Training – 5 respondents, **DREP= 100%**
Nursing – 36 respondents, **DREP= 88.9%**
Fire Technology – 10 respondents, **DREP= 80.0%**
Engineering Design Technology - 5 respondents, **DREP= 80.0%**

Chart 2.



As similarly noted in the preceding section concerning employment responses for certificates, some A.S. degrees with high DREP are represented by only a few responses and care should be taken to make inferences about degree-related employment success or failure for specific degree programs. However, this data can become much more meaningful when compared with data from graduates with similar degrees through surveys conducted in adjacent years.

Employment-Outcome Responses for Awards by Division

Within the Business & Economic Development Division (hereafter referred to as the Business Division), employment-outcome responses were received for 255 awards (Table 2). Of the 255 Business Division awards for which responses were received, 201(78.8%) belonged to graduates who were employed at the time of the survey. Of this same group, 122 (47.8%) awards were associated with award related employment.

**Business Division
Employment-Outcome Responses**

Table 2	Number / % of Awards Belonging to Employed Graduates			Number / % awards belonging to Unemployed Graduates	Number / % awards belonging to No Response on employment Graduates	Total Count	Percent of Awards Belonging to Graduates in any type of Employment
	Award Related Employment	Unrelated Employment	No Response				
Certificate	101/48.1%	40/19.0%	24/11.4%	35/16.7%	10/4.8%	210	78.6%
AS Degree	21/46.7%	14/31.1%	1/2.2%	9/20.0%	-	45	80.0%
Combined	122/47.8%	54/21.2%	25/9.8%	44/17.3%	10/3.9%	255	78.8%

The Technology and Health Division had the greatest number of survey responses with 282 awards (Table 3). Of the total 282 Technology and Health Division awards, 237 (84%) belonged to employed graduates. Of this same group, 151 (53.5%) belonged to awards with award related employment.

**Technology and Health Division
Employment-Outcome Responses**

Table 3	Number / % of Awards Belonging to Employed Graduates			Number / % awards belonging to Unemployed Graduates	Number / % awards belonging to No Response on Employment Graduates	Total Count	Percent of Awards Belonging to Graduates in any type of Employment
	Award Related Employment	Unrelated Employment	No Response				
Certificate	67/46.5%	40/27.8%	9/6.23%	23/16.0%	5/3.4%	144	80.6%
AS Degree	84/60.9%	30/21.7%	7/5.1%	15/10.9%	2/1.4%	138	87.7%
Combined	151/53.5%	70/24.8%	16/5.7%	38/13.5%	7/2.5%	282	84.0%

The Natural Sciences Division received 26 vocational certificates/degree responses from the survey (Table 4). Twenty of those awards (84.6%) belonged to employed graduates and 19 of them (73.1%) were award related employment.

**Natural Sciences Division
Employment-Outcome Responses**

Table 4	Number / % of Awards Belonging to Employed Graduates			Number / % of awards belonging to Unemployed Graduates	Number / % of awards belonging to No Response on employment Graduates	Total Count	Percent of Awards Belonging to Graduates in any type of Employment
	Award Related Employment	Unrelated Employment	No Response				
Certificate	6/75.0%	-	1/12.5%	1/12.5%	-	8	87.5%
AS Degree	13/72.2%	1/5.5%	1/5.5%	3/16.7%	-	18	83.3%
Combined	19/73.1%	1/3.8%	2/7.7%	4/15.4%	-	26	84.6%

Humanities and Social Sciences Division, with only a few vocational programs in the Division, is represented by four survey responses (Table 5). Of the 4 awards, half

belonged to employed graduates who also indicated that their jobs were related to their Mt. SAC awards.

**Humanities and Social Sciences Division
Employment-Outcome Responses**

Award Type	Number / % of Awards Belonging to Employed Graduates			Number / % of awards belonging to Unemployed Graduates	Number / % of awards belonging to No Response on employment Graduates	Total Count	Percent of Awards Belonging to Graduates in any type of Employment
	Award Related Employment	Unrelated Employment	No Response				
Certificate	1/50.0%	-	-	1/50.0%	-	2	50.0%
AS Degree	1/50.0%	-	-	1/50.0%	-	2	50.0%
Combined	2/50.0%	-	-	2/50.0%	-	4	50.0%

The Physical Education Division received 6 vocational certificate responses with no A.S. Degrees awarded during 2003-04. Four of these 6 awards belonged to graduates employed in an award related job (Table 6).

**Physical Education Division
Employment-Outcome Responses**

Award Type	Number / % of Awards Belonging to Employed Graduates			Number / % of awards belonging to Unemployed Graduates	Number / % of awards belonging to No Response on employment Graduates	Total Count	Percent of Awards Belonging to Graduates in any type of Employment
	Award Related Employment	Unrelated Employment	No Response				
Certificate	4/66.7%	-	-	2/33.3%	-	6	66.7%
AS Degree	-	-	-	-	-	-	-
Combined	4/66.7%	-	-	2/33.3%	-	6	66.7%

Conclusion

A total of 435 graduates representing 579 A.S. Degrees and Certificates responded to the 2003-04 Mt. SAC Alumni Survey with data indicating whether or not they were employed, and whether their employment was related to the degree/certificate that they received from Mt. SAC. Important certificate-specific and degree-specific data are included in Appendices B and C respectively. The data in these tables may be compared with data in the tables from the previous years to see whether employment results for specific awards

are similar¹. The value of the specific employment outcomes reported increases as surveys are conducted for subsequent cohorts of vocational graduates from Mt. SAC. A brief summary of the general findings of the 2003-04 Associate in Science Degree and vocational Certificate Alumni Survey includes the following:

- The overall employment rate of 2003-04 surveyed graduates with A.S. Degree and/or vocational certificate is **79.8%**.
- The certificate-related employment rate for career certificates combined is **48.3%**.
- The degree-related employment rate for A.S. Degrees combined is **58.3%**.
- The Technology and Health Division had the highest number of certificates and degrees leading to award-related employment at **151** (53.5%). The Business Division had **122** (47.8%), Natural Sciences had **19** (73.1%), Humanities and Social Sciences had **2** (50%), and Physical Education had **4** (66.7%). The number of certificates and degrees represented in each division is naturally affected by both the number of career education programs offered in those divisions and the enrollment size of each program.

¹ To obtain a copy of the 2002-03 A.S. Degree or Certificate Employment Outcome tables, contact the Mt. SAC Career Placement Office or check the Research Office website for the 2002-03 report.

APPENDIX A
2003-04 AS/CC Alumni Survey Questionnaire

Mt. San Antonio College Alumni Survey (2003-2004 Graduates)

Mt. San Antonio College asks for your assistance in completing this survey. Your answers will tell us how we have done in providing programs that enabled you to begin a career after graduation or continue with your education.

Your responses are **IMPORTANT** and will be kept **CONFIDENTIAL**. Please return the survey to us in the self-addressed, postage-paid envelope. Questions? Call us at (909) 594-5611, x5408.

The survey can be completed in *DARK PEN* or *PENCIL*. Please mark the circles fully as shown:

Like this ●	<u>NOT</u> like these ○
--------------------	------------------------------------

1. Are you currently employed?

Yes (Continue Below) ○

No (Skip to Question 7) ○

2. Is your job related to your Mt. SAC award? Please respond for each degree/certificate listed below.

		<u>Relate</u> <u>d</u>	<u>Not</u> <u>Relate</u> <u>d</u>
Award #1 (one for each award)		○	○
Award #2		○	○

3. If related, how important was your education at Mt. SAC in preparing you for your current position?

Very Important	○	Somewhat unimportant	○
Important	○	Unimportant	○
Somewhat important	○	Not important at all	○

4. What was your starting hourly wage?

\$6.75 to \$8.50 per hour	○	\$16.01 to \$20.00 per hour	○
\$8.51 to \$10.00 per hour	○	\$20.01 to \$25.00 per hour	○
\$10.01 to \$13.00 per hour	○	\$25.01 to \$30.00 per hour	○
\$13.01 to \$16.00 per hour	○	More than \$30.00 per hour	○

5. What is your Job Title?

6. What is the name of the business/company where you are employed?

7. Do you consider yourself to be a continuing college/university student?

Yes (Continue Below)

No (Go to Question 9)

8. Have you tried or are you trying to find work related to your Mt. SAC award while continuing your education?

Yes

No

9. How satisfied are you with the education that you received at Mt. SAC?

Very satisfied

Somewhat dissatisfied

Satisfied

Dissatisfied

Somewhat satisfied

Very dissatisfied

10. If you have used Mt. SAC's Career Placement Services Office to assist in finding a job (full-time or part-time), how satisfied were you with the help that you received?

Very satisfied

Dissatisfied

Satisfied

Very dissatisfied

Somewhat satisfied

Did not use service

Somewhat dissatisfied

11. Would you like us to contact you regarding employment assistance?

Yes

No

If you have additional comments or recommendations for the College related to finding and/or securing employment OR related to training/educational programs, please provide them below (include another piece of paper if needed).

THANK YOU FOR TAKING THE TIME TO GIVE US YOUR FEEDBACK.

APPENDIX B

2003-04 Graduates Certificate Awards Employment Outcomes

ARTS Division							
Certificate Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	CREP
Animation: Digital 3-D	4	3	2	1	1	66.7%	33.3%
Grand Total	4	3	2	1	1	66.7%	33.3%

Humanities and Social Sciences Division							
Certificate Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	CREP
Educ. Paraprofessional - I	1	1	1	1	0	100.0%	100.0%
Sign Language/Interpreting	3	1					
Grand Total	4	2	1	1		50.0%	50.0%

Technology and Health Division							
Certificate Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	CREP
Air Conditioning and Refrigera	12	4	4	4	0	100.0%	100.0%
Aircraft Powerplant Maint Tech	8	5	4	2	2	80.0%	40.0%
Airframe Maintenance Tech	7	4	3	2	1	75.0%	50.0%
Alcohol/Drug Counseling	42	22	15	10	3	68.2%	45.5%
Architectural Technology I	4	1	1	1	0	100.0%	100.0%
Architectural Technology II	4	3	3	2	0	100.0%	66.7%
Architectural Technology III	3	2	1	1	0	50.0%	50.0%
AutoCAD (Mechanical For CIM)	8	5	3	3	0	60.0%	60.0%
CIM: Manufacturing Option	1						
CNC (Comp Numerical Control)	6	3	3	1	2	100.0%	33.3%
Computer Systems Technology	3	1				0.0%	

Technology and Health Division							
Certificate Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	CREP
Computer/Network Tech Level I	6	3	3	2	1	100.0%	66.7%
Computer/Network Tech Level II	5	3	3	2	1	100.0%	66.7%
Correctional Sciences	2						
EdgeCAM	3	2	2	1	1	100.0%	50.0%
Electronic Cabling Level I	8	4	4	0	3	100.0%	0.0%
Electronic Cabling Level II	7	4	4	0	3	100.0%	0.0%
Electronics & Comp.-Eng. Tech.	4	1				0.0%	
Electronics Communications	6	1	1	0	1	100.0%	0.0%
Electronics Service Technology	1						
Electronics Technology	13	6	6	2	2	100.0%	33.3%
Emergency Medical Technician -	2	2	1	1	0	50.0%	50.0%
Emergency Medical Technician I	22	9	8	7	1	88.9%	77.78%
Engineering Design Tech - I	3	2	2	2	0	100.0%	100.0%
Engineering Design Tech - II	5	3	3	2	0	100.0%	66.7%
Engineering Design Tech - III	3	2	2	2	0	100.0%	100.0%
Fire Technology	29	15	12	6	5	80.0%	40.0%
Industrial Electronics	5	2				0.0%	
Law Enforcement	20	9	8	1	7	88.9%	11.1%
LVN 30-Unit Option - CMT	3	2	2	2	0	100.0%	100.0%
Manufacturing Technology	5	4	3	3	0	75.0%	75.0%
MasterCAM	7	5	4	4	0	80.0%	80.0%
Psychiatric Technician	7	2	2	1	1	100.0%	50.0%
Water Technology	5	3	2	2	0	66.7%	66.7%
Welding	14	7	6	1	5	85.7%	14.3%
World Travel Management	5	3	2	0	2	66.7%	0.0%
Grand Total	288	144	117	67	41	81.3%	46.5%

Business and Economic Development Division							
Certificate Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	CREP
Accounting	3	1					
Accounting - Managerial	2	1	1	1	0	100.0%	100.0%
Accounting - Payroll	4	2	2	1	0	100.0%	50.0%
Accounting-Bookkeeping	11	6	6	5	0	100.0%	83.3%
Accounting-Computerized	2	2	1	0	0	50.0%	0.0%
Administrative Assistant-I	8	5	5	3	1	100.0%	60.0%
Administrative Assistant-II	3	1	1	1	0	100.0%	100.0%
Administrative Support	1	1	1	1	0	100.0%	100.0%
Administrative Support - I	3	1	1	0	0	100.0%	0.0%
Administrative Support - II	1	1	1	1	0	100.0%	100.0%
Business: Human Res Mgmt I	23	12	9	6	2	75.0%	50.0%
Business: Human Res Mgmt II	2	1				0.0%	
Business: Human Res Mgmt III	1						
Business: International - I	23	14	10	1	9	71.4%	7.1%
Business: International - II	6	1	1	1	0	100.0%	100.0%
Business: International - III	1						
Business: Management-Level I	32	16	8	4	3	50.0%	25.0%
Business: Management-Level II	14	4	1	1	0	25.0%	25.0%
Business: Management-Level III	3	1	1	1	0	100.0%	100.0%
Business: Retail Mgmt - I	1						
Business: Sm Business Mgmt - I	23	12	9	3	5	75.0%	25.0%
Business: Sm Business Mgmt -II	8	1	1	1	0	100.0%	100.0%
Business: Sm Business Mgmt-III	5	2	2	1	1	100.0%	50.0%
Catering	1	1	1	1	0	100.0%	100.0%
Children's Prog.: General III	20	12	11	8	1	91.7%	66.7%
Children's Program Cert: Admin	3	2	2	1	1	100.0%	50.0%
Children's Program: General	4	1	1	1	0	100.0%	100.0%
Children's Program: General I	74	51	43	29	4	84.3%	56.9%
Children's Program: General II	39	23	19	12	1	82.6%	52.2%
Childrens Program: Teaching	3	3	3	3	0	100.0%	100.0%
CIS C++ Programming	6	3	3	2	1	100.0%	66.7%
CIS Cert In Visual Basic Prog	9	4	4	1	3	100.0%	25.0%
CIS Certificate In LINUX	5	2	2	0	2	100.0%	0.0%

Business and Economic Development Division							
Certificate Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	CREP
CIS Certificate In Networking	2	1				0.0%	
CIS Certificate In Oracle	4						
CIS Database Mgmt-Microcomp	8	4	3	2	1	75.0%	50.0%
CIS Java Programming	2						
CIS Web Programming	5	2	2	0	2	100.0%	0.0%
CIS Windows Operating Sys Adm	1	1	1	1	0	100.0%	100.0%
Data Entry	4	2	2	2	0	100.0%	100.0%
Database Management Systems	2						
Desktop Publishing	1	1				0.0%	
Fashion Design: Level I	4	1				0.0%	
Fashion Design: Level II	1						
Fashion Merchandising - I	4	1	1	0	1	100.0%	0.0%
Fashion Merchandising - II	2	1				0.0%	
Fast Food Service Management	1	1	1	1	0	100.0%	100.0%
Food Services	1						
Infant/Toddler Development	6	3	3	2	1	100.0%	66.7%
Interior Merchandising	5						
Kitchen and Bath Design	1	1	1	1	0	100.0%	100.0%
Medical Transcriptionist Certi	1	1				0.0%	
Office Professional	4	1	1	1	0	100.0%	100.0%
Programming In C++	1						
Programming In Visual Basic	2						
Real Estate	1						
Restaurant/Food Service Mgmt	1	1	1	1	0	100.0%	100.0%
Telecommunications	1	1	1	1	0	100.0%	100.0%
Grand Total	409	210	167	102	39	79.5%	48.6%

Natural Science Division							
Certificate Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	CREP
Floral Design	1						
Horse Ranch Management	2	1	0			0.0%	
Interior Landscaping	1						
Landscape and Park Maintenance	1	1	1	1	0	100.0%	100.0%
Landscape Design and Construct	1	1	1	1	0	100.0%	100.0%
Landscape Irrigation	1	1	1	1	0	100.0%	100.0%
Nursery Management	2	1	1	1	0	100.0%	100.0%
Park Management	1						
Pet Science	1	1	1	1	0	100.0%	100.0%
Sports Turf Management	1	1	1	0	0	100.0%	0.0%
Tree Care and Maintenance	2	1	1	1	0	100.0%	100.0%
Grand Total	14	8	7	6	0	87.5%	75.0%

Physical Education Division							
Certificate Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	CREP
Fitness Specialist/Personal Tr	8	6	4	4	0	66.7%	66.7%
Recreation Technology	1						
Grand Total	9	6	4	4		66.7%	66.7%

APPENDIX C
2003-2004 Graduates AS Degree Awards Employment Outcomes

Arts Division							
Associate of Science Degree Program Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	DREP
Animation	3	3	0			0.0%	
New Digital Media-Traditional	2						
Grand Total	5	3	0			0.0%	

Humanities and Social Sciences Division							
Associate of Science Degree Program Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	DREP
Advertising Design	2						
Advertising Design/Illustration	2	1	0			0.0%	
Radio/Television Broadcasting	9						
Sign Language/Interpreting	3	1	1	1	0	100.0%	100.0%
Grand Total	16	2	1	1	0	50.0%	50.0%

Natural Science Division							
Associate of Science Degree Program Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	DREP
Animal Health Technology	3	2	2	2	0	100.0%	100.0%
Computer Graphic Design/Photog	2	1	1	1	0	100.0%	100.0%
Computer Graphics/Photography	1						
Design for Interactive Visual	1	1	1	0	1	100.0%	0.0%
Floral Design	1						
Histologic Technician Training	14	5	5	5	0	100.0%	100.0%
Horse Ranch Management	1						
Horticulture Science	2	1	1	1	0	100.0%	100.0%
Pet Science	3						
Photography	2	1	1	0	0	100.0%	
Registered Vet Technology	15	7	4	4	0	57.1%	57.1%
Grand Total	45	18	15	13	0	83.3%	72.2%

Technology and Health Division							
Associate of Science Degree Program Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	DREP
Air Conditioning and Refrigeration	4	1	1	1	0	100.0%	100.0%
Air Traffic Control	1						
Airframe & Aircraft Powerplant	3	2	2	2	0	100.0%	100.0%
Alcohol/Drug Counseling	8	4	4	3	1	100.0%	75.0%
Architectural Technology	4	3	3	3	0	100.0%	100.0%
Aviation Science	35	13	10	5	4	76.9%	38.5%
Commercial Flight	19	10	7	1	5	70.0%	10.0%
Computer Integrated Manufacturing	1	1	0			0.0%	
Computer/Networking Technology	4	3	3	2	1	100.0%	66.7%
Construction Inspection	1	1	1	0	1	100.0%	0.0%
Correctional Sciences	3	2	1	0	1	50.0%	0.0%
Elect/Comp Engineering Tech	9	3	2	1	1	66.7%	33.3%
Electronics - Engineering Tech	4	2	1	0	1	50.0%	0.0%
Electronics Service Technology	3	2	2	1	1	100.0%	50.0%
Emergency Medical Services	8	4	4	3	1	100.0%	75.0%
Engineering Design Technology	6	5	5	4	1	100.0%	80.0%
Engineering Draft Tech-Civil	1						
Fire Science, Public Fire Service	1	1	1	1	0	100.0%	100.0%
Fire Technology	17	10	10	8	1	100.0%	80.0%
Fire Technology - Public Fire	13	10	6	4	1	60.0%	40.0%
Flight Attendant	4						
Law Enforcement	13	6	5	1	4	83.3%	16.7%
Licensed Psychiatric Technician	2						
Licensed Vocational Nurse To R	4	2	2	1	1	100.0%	50.0%
Manufacturing Technology	5	2	0			0.0%	
Mental Health Technology-Optio	1						
Nursing	66	36	36	32	2	100.0%	88.9%
Psychiatric Technology	2	1	0			0.0%	
Radiologic Technology	23	6	6	6	0	100.0%	100.0%
Respiratory Therapy	10	4	4	4	0	100.0%	100.0%
Welding	4	2	1	1	0	50.0%	50.0%
World Travel Management	4	2	2	0	2	100.0%	0.0%
Grand Total	283	138	119	84	30	86.2%	60.9%

Business and Economics Development Division							
Associate of Science Degree Program Title	Total Award Count	Returned Survey	Total Employed	Related	Unrelated	Percent of All Employment	DREP
Accounting	8	4	1	1	0	25.0%	25.0%
Administrative Assistant	3	2	2	2	0		100.0%
Business Management	12	3	3	2	1	100.0%	66.7%
Child Development	5	4	4	3	1	100.0%	75.0%
Computer Programmer - C++	5	1	1	1	0	100.0%	100.0%
Computer Programmer - COBOL	1						
Computer Programmer – Database	3						
Computer Programmer - RPG	2						
Computer Programmer - Telecomm	2	2	2	2	0	100.0%	100.0%
Computer Programmer - Visual B	4	2	2	0	2	100.0%	0.0%
Early Childhood Development	10	7	4	3	0	57.1%	42.9%
Fashion Merchandising	5	1	1	0	1	100.0%	0.0%
General Business	1						
International Business	1						
Legal Secretary	1						
Office Professional	3						
Paralegal/Legal - Criminal Spe	2						
Paralegal/Legal - Family Law S	7	4	3	2	1	75.0%	50.0%
Paralegal/Legal - Landlord/Ten	2	1	1	1	0	100.0%	100.0%
Paralegal/Legal Specialist, Cor	2	2	2	1	1	100.0%	50.0%
Paralegal/Legal Specialist, Cri	1	1	0			0.0%	
Paralegal/Legal-Corp/Business	9	7	6	2	4	85.7%	28.6%
Paralegal/Legal--Corporations/	1						
Real Estate	1	1	1	1	0	100.0%	100.0%
Restaurant and Food Service Ma	1						
Secretarial Science - Desktop	1	1	1	0	1	100.0%	0.0%
Small Business Management	4	2	2	0	2	100.0%	0.0%
Grand Total	97	45	36	21	14	80.0%	46.7%