



# **CTE ADVISORY COMMITTEE**

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## **Career & Technical Education Local Planning Team/Advisory Committee Working Dinner Meeting AGENDA**

March 7, 2013  
Glacier Hall / Mary Stuart Rogers Student Learning Center  
MJC West Campus  
2201 Blue Gum Avenue  
Modesto, CA 95358  
5:30-7:30pm

- I. Tour of Glacier Hall (Health Professions Building) Patrick Bettencourt  
Dean, Allied Health/Family Consumer Science  
& Staff
  
- II. Introduction Mark Anglin  
Dean, Agriculture & Environmental Sciences  
Director, Career & Technical Education
  
- III. Working Dinner / Registered Vet Tech Presentation Julie Haynes  
Coordinator, Registered Veterinary Technician Program
  
- IV. Industry Panel Presentation / Discussion Mark Anglin
  - Jennifer Carlson – Manufacturing  
Executive Director  
Manufactures Council of Central CA
  - Steve & Troyce Fraga – Owners  
Entrepreneurship Small Business  
Cupcake Lady
  - Stephanie Miller – Health Professions  
Executive Director of Human Resources  
Sutter Gould Medical Foundation
  - Tom Orvis – Agriculture  
Director of Employment & Training  
Stanislaus County Farm Bureau
  - Jeff Rowe – Manufacturing  
Director of Employment & Training  
Stanislaus County Alliance
  
- V. Other Business
  
- VI. Adjourn

**Modesto Junior College**  
**Career & Technical Education (CTE) Advisory Meeting**  
**March 7, 2013**  
**5:30pm-8:00pm**  
**MJC West Campus - Mary Stuart Rogers' Student Learning Center**

**Present:**

Steve Amador, Instructor, Ag Mechanics (MJC)  
Mark Anglin, CTE Project Director/Dean, Ag & Environmental Sciences (MJC)  
Francisco Banuelos, Associate Dean, Special Programs (MJC)  
Melissa Beach, CTE Project Monitor/Administrative Secretary, College Administrative Services (MJC)  
Patrick Bettencourt, Dean, Allied Health/Family & Consumer Sciences (MJC)  
Don Borges, Director, Ag Science (MJC)  
Mark Bowden, Training Director, Electrical Union Local 684 (Electronics Technology)  
Shirley Buzbee, Instructor, Medical Assisting (MJC)  
Andrew Campbell, ASMJC Student Senator (MJC)  
Jennifer Carlson, Executive Director, Manufacturers Council of Central Valley  
Hal Carlton, *Retired* Dairy Instructor, (Animal Science)  
Kurtis Clark, Director, Small Business Development Center (Business)  
David Cummerow, Information Services Application Manager, TID, (Computer Science)  
Lorena Dorn, Dean, Student Services (MJC)  
Doug Dyrssen, ASMJC President (MJC)  
Laura Dyrssen, ASMJC Director of Public Relations (MJC)  
Steve Fraga, Owner, Cupcake Lady (Business)  
Troyce Fraga, Owner, Cupcake Lady (Business)  
Veronica Garcia, Child Development Supervisor II, SCOE (Child Development)  
Scotty Gonser, Allied Health  
Michael Guerra, Vice President, College & Administrative Services (MJC)  
Pam Guerra-Schmidt, Instructor, Child Development (MJC)  
Greg Hausmann, Instructor, Administration of Justice (MJC)  
Sean Haynes, Rabo Bank (Ag Business)  
Mike Henderson, Director, CTE/RPOP, Modesto City Schools  
Mary Anne Henriques, Health, Safety & Environmental Manager, Diamond of CA (Industrial Tech)  
Jim Howen, Instructor, Electronics/Industrial Technology, (MJC)  
Cece Hudelson-Putnam, Dean, Business, Behavioral & Social Sciences (MJC)  
Susan Kincade, Vice President, Instruction (MJC)  
Peggy Kroll, Director, Early College, Tech Prep (MJC)  
Phil Labrador, Instructor, Respiratory Care (MJC)  
Suzanne McCaslin, Senior Admin. Office Assistant, Public Works Department (Office Administration)  
Maurice McKinnon, Interim Dean, Library (MJC)  
Stephanie Miller, Executive Director, HR, Sutter Gould Medical Foundation (Medical Assisting)  
Jennifer Mullen, Executive Director, Modesto Convention & Visitor's Bureau (Business)  
Tom Orvis, Director of Governmental Affairs, Stanislaus Co. Farm Bureau

Andrea Powell, RN Nurse Educator, Sutter Gould Medical Foundation, (Medical Assisting)  
Jeff Rowe, Director, Alliance Network (Tech Ed)  
Kevin Sabo, ASMJC President (MJC)  
Elaine Schuber, Allied Health  
Nancy Sill, Instructor, Business Administration (MJC)  
Brian Sinclair, Instructor, Computer Graphics (MJC)  
Jill Stearns, President (MJC)  
Brenda Thames, Vice President, Student Services (MJC)  
Judy Tuss, Special Programs (MJC)  
Larisa Ubryanova, CTE Assistant (MJC)  
Gerald Wray, Instructor, Auto Tech (MJC)  
John Zamora, Instructor, Computer Science (MJC)

## **I. GLACIER HALL TOUR**

Patrick Bettencourt, Dean of Allied Health/Family Consumer Sciences division, along with his staff provided tours of the newly constructed Allied Health building, Glacier Hall. Everyone was thoroughly impressed with the state-of-the-art facilities where MJC is training the health care workforce of the future.

## **II. WELCOME/INTRODUCTIONS**

Modesto Junior College Career Technical Education Director, Mark Anglin, welcomed all CTE Local Planning Advisory Team members and thanked them all for being there. He stressed his appreciation to the committee for their time and dedication to the CTE process. He then introduced MJC President Jill Stearns, who in turn welcomed everyone in attendance on behalf of the college and specifically introduced the college Vice Presidents and the ASMJC student representatives that were in attendance.

CTE Administrative Secretary, Melissa Beach, provided packets to the CTE Local Planning Team members containing an annual CTE newsletter, the 3/7/12 CTE Local Planning Team Meeting minutes, Perkins IV Core Indicators by Vocational Top Code for use in planning for the fiscal year 2013-14, and a current Labor Market Overview for Stanislaus County.

## **II. REGISTERED VETERINARIAN TECHNICIAN PROGRAM PRESENTATION**

Julie Haynes, MJC Registered Veterinarian Technician Program Representative made a presentation on this very successful CTE program. The development of this new program to MJC is an excellent example of an industry initiated need that was then filled by the college. In 2003-04 the veterinary industry came to the college with the idea in mind to develop a program that would train Registered Veterinary Technicians or RVT's. After several meetings it was decided to seek funding to get the program off the ground. The Agriculture & Environmental Division submitted an Industry Driven Regional Collaborative grant application to the State Chancellor's Office and was awarded the grant to get the program going. This grant provided the

funding necessary to develop the curriculum, hire personnel and purchase supplies and equipment to initiate the program.

Ms. Haynes was hired at that time as the RVT Program Representative and MJC hit the ground running. A 17 unit certificate was created and approved and classes were being offered by spring of 2005. Approximately ½ of the courses are offered in the spring semester and ½ in the fall semester allowing a student the possibility of completing the program in one year. All of the courses in the program are taught by adjunct instructors that are practicing veterinarians or registered veterinary technicians. Every class section that has been offered in this program has filled to capacity with waitlists since its inception. Due to the success of the program the college was awarded another grant to continue with its expansion and development.

Since then the college has embraced the program and the Program Representative, adjunct instructors, supplies and equipment are provided through the college. The program has well over 100 students with approximately 20 completers each year. Of the students that have taken the State RVT exam for licensure, 100% have passed.

### III. INDUSTRY PANEL PRESENTATION / DISCUSSION

In order to gather information on the major industries within the MJC service area we invited representatives to share information about their challenges and to discuss how the MJC Career & Technical Education programs could help them to address their needs. Primarily we wanted information on how MJC could play a role in providing the training the workforce needed. Our panel guests included: Steve and Troyce Fraga, owners of Cupcake Lady (Small Business Entrepreneurs); Tom Orvis, Director of Governmental Affairs, Stanislaus County Farm Bureau (Agriculture); Stephanie Miller, Executive Director of Sutter Gould Medical Foundation (Health); Jeff Rowe, Director of Alliance Network (General Workforce), and Jennifer Carlson, Executive Director of Manufacturers Council of Central Valley (Manufacturing).

**Jennifer Carlson** (Manufacturing) stated she would really like to partner more with the college. She also stated that the companies she represents would most like to see students receive more 'real time' experience. For instance, if they hire a fork lift driver they would like to see them already trained on the fork lift. She feels that the companies would offer that training to their employees and they would come to us for the training. She suggested that we take our students on tours to these types of businesses. She has found that logic is a skillset that is missing in many prospective employees and yet it's extremely important that they possess these abilities. Jennifer said she really appreciates working with Pedro Mendez and that he understands her company's needs. She also sits on the Joint Apprenticeship Committee with his department. She stated they really appreciate Modesto Junior College's involvement!

**Steve Fraga** (Small Business Entrepreneur) introduced his wife Troyce Fraga as the multi-talented tenacious baker with the Cupcake Lady being her idea! Steve retired from Labor relations and Cupcake Lady, now in its 13<sup>th</sup> month in the mobile food

truck industry speaks to education like MJC. In January, they sold 16,000 cupcakes and in February, which is a short month they sold 19,000! There is a huge market for the mobile food industry. He stated profit margins in restaurants are tight, but in the mobile food industry they are better. It takes low capitalization to start, contact with customers (they actually use Facebook for this and currently have 15,000 friends!) and excellent people skills and customer service. He used our tour this evening of Glacier Hall as an example of perfect customer service. Steve said when they arrived for the tour, they were immediately greeted by the administrative secretary, Eileen Schuber, and staff who were upbeat, genuinely excited and proud of their new building and equipment and possessed excellent communication skills! He stressed the importance of showing and teaching our students that passion. To sum it up, Steve said MJC should 1) Remember to stoke passions every day; and 2) The mobile food industry is ready to explode. Highly paid professionals have given up their careers and have taken that passion and common understanding of profit/loss, using social media in your applications and have become successful entrepreneurs.

**Stephanie Miller** (Health) said that she graduated from the MJC ADN Program and has been employed at Sutter Gould Medical Foundation for 44 years now. She too was very impressed with the Glacier Hall tour and how much has changed over the years with all the equipment and mannequins we have. She said years ago they had military beds. She added that SGMF has students from MJC and they love them. MJC Medical assisting graduates comprise SGMF's "number one group of employees" as they are "more qualified than students from trade schools." She stated that SGMF needs more employees who don't look at their work as a job, who possess a very high "people skillset" with a "patient-centered focus" and customer service training, and who have a very high service-industry interest. If they do not come with these skills it is very hard to teach that. She also stressed the need for an evening program for our students. She requested customer-service training and lean training for students. She stated that Sutter has twenty-two unfilled positions for medical assistants.

**Tom Orvis** (Agriculture) stated he is the governmental affairs director for the Stanislaus County Farm Bureau and that much of his time is spent on dealing with regulations affecting the agriculture industry. He praised the MJC Agriculture and Environmental Sciences division stating that it should be titled, the University of Modesto, signifying the quality of education provided by the division. He explained that agriculture is a very "hands on" industry and one must have the desire to work, as you reap what you sow. Because of this he emphasized the need to continue with the work experience/internship programs offered by the division as well as the production lab courses that all agriculture majors must take. Basically he emphasized that the more 'hands-on' application of skills, the better. He explained how times have changed and what skills are needed because of the increased use of technology in the agriculture industry! He said we are now capable of maintaining and irrigating 30,000 acres of weed-free crops from a computer. He stated that in our CTE programs students must learn how to "weld"...learn how to "draft", etc. He also stated that being bilingual is extremely desirable.

**Jeff Rowe** (General Workforce) explained that the Stanislaus County Alliance Network's responsibility is to prepare the unemployed in an area to help them get employed and to teach them resume and interview skills. Sometimes their clients are very outdated with their basic skillsets. They pay and provide that training under workforce investment funds. They have partnered with MJC over the years in many programs. MJC is critical for success of their program, said Jeff. He spoke about one of their new programs, a warehouse distribution program that has the highest demand growth right now due to several large companies locating within the MJC service area. This program with MJC is huge. Healthcare jobs are making a comeback as well. There are two rehabilitation hospitals relocating in Modesto and the Veteran's clinic has expanded on McHenry Avenue. He said we need to continue investing in the RN and Respiratory Care programs. He stressed the need for MJC to look at getting a Physical Therapist Assistant program with our aging population and the extreme need in general. There are only a couple of colleges in Southern CA and Sacramento that even offer the PTA program. Mr. Rowe stated that basic skills of GED and ESL unfortunately are lacking in skillsets. What can MJC do? He stressed the importance of holding meetings like this one tonight! Evaluate the industry needs on a regular basis; look at characteristics of workforce needs; assess and do this more often.

Jim Howen, Instructor of Electronics and Industrial Technology asked if there was one skill or attribute the panel members would want in an employee, what would it be? Jennifer Miller said "the motivation to continue education and to grow as an employee." The other panelists agreed.

#### **IV. OTHER**

CTE Director Mark Anglin walked everyone through their CTE packets\* to make certain they knew what had been provided. He stressed the importance of using these informational items, along with the vital input from our industry panel members when they meet with their individual advisory committees to develop their CTE Local Plans (applications) for 2013-2014.

**MEETING ADJOURNED: 8:05pm**

*\*Please see packet documents attached.*



# PERKINS IV Core Indicators of Performance by Vocational TOP Code

Indicators for 2013-2014 Fiscal Year Planning

Summary by College for: MODESTO - YOSEMITE

*To display 4 or 6 digit TOP codes, click on the plus sign to the left of the TOP code.*

|             |  | Core 1 Skill Attainment | Core 2 Completion | Core 3 Persistence | Core 4 Employment | Core 5a NT Participation | Core 5b NT Completion |
|-------------|--|-------------------------|-------------------|--------------------|-------------------|--------------------------|-----------------------|
| <b>01</b>   | <b>AGRICULTURE AND NATURAL RESOURCES</b>                   | 89.64                   | 72.00             | 81.95              | 72.05             | 42.09                    | 44.32                 |
| <b>0101</b> | AGRICULTURE TECHNOLOGY AND SCIENCES, GENERAL               | 95.88                   | 83.33             | 90.72              | 68.00             | 54.64                    | 66.67                 |
|             | <b>010100</b> AGRICULTURE TECHNOLOGY AND SCIENCES, GENERAL | 95.88                   | 83.33             | 90.72              | 68.00             | 54.64                    | 66.67                 |
| <b>0102</b> | ANIMAL SCIENCE   | 83.51                   | 68.92             | 81.87              | 69.49             | 45.88                    | 44.78                 |
|             | <b>010200</b> ANIMAL SCIENCE                               | 88.89                   | 68.75             | 82.40              | 76.92             | 68.25                    | 63.64                 |
|             | <b>010210</b> VETERINARY TECHNICIAN (LICENSED)             | 72.73                   | 66.67             | 83.33              | 52.63             | 4.55                     | 9.52                  |
|             | <b>010230</b> DAIRY SCIENCE                                | 100.00                  | 100.00            | 0.00               | 100.00            | 0.00                     | 0.00                  |
| <b>0103</b> | PLANT SCIENCE  | 96.30                   | 66.67             | 85.19              | 100.00            | 22.22                    | 11.11                 |
|             | <b>010300</b> PLANT SCIENCE                                | 96.30                   | 66.67             | 85.19              | 100.00            | 22.22                    | 11.11                 |
| <b>0109</b> | HORTICULTURE   | 88.89                   | 60.00             | 77.78              | 44.44             | 52.17                    | 37.50                 |
|             | <b>010900</b> HORTICULTURE                                 | 85.71                   | 71.43             | 78.57              | 50.00             | 50.00                    | 16.67                 |
|             | <b>010910</b> LANDSCAPE DESIGN AND MAINTENANCE             | 88.89                   | 50.00             | 77.78              | 0.00              | 55.56                    | 100.00                |
|             | <b>010920</b> FLORICULTURE / FLORISTRY                     | 100.00                  | 0.00              | 75.00              | 100.00            |                          |                       |
| <b>0112</b> | AGRICULTURE BUSINESS, SALES, AND SERVICE                   | 100.00                  | 88.24             | 76.19              | 92.86             | 59.09                    | 61.11                 |
|             | <b>011200</b> AGRICULTURE BUSINESS, SALES AND SERVICE      | 100.00                  | 88.24             | 76.19              | 92.86             | 59.09                    | 61.11                 |
| <b>0114</b> | FORESTRY   | 100.00                  |                   | 100.00             |                   | 0.00                     |                       |
|             | <b>011400</b> FORESTRY                                     | 100.00                  |                   | 100.00             |                   | 0.00                     |                       |
| <b>0115</b> | NATURAL RESOURCES  | 79.49                   | 64.29             | 89.74              | 54.55             | 50.00                    | 50.00                 |
|             | <b>011500</b> NATURAL RESOURCES                            | 78.95                   | 61.54             | 89.47              | 60.00             | 50.00                    | 50.00                 |
|             | <b>011510</b> PARKS AND OUTDOOR RECREATION                 | 100.00                  | 100.00            | 100.00             | 0.00              |                          |                       |
| <b>0116</b> | AGRICULTURAL POWER EQUIPMENT TECHNOLOGY                    | 98.39                   | 66.67             | 64.52              | 77.14             | 6.45                     | 14.81                 |
|             | <b>011600</b> AGRICULTURAL POWER EQUIPMENT TECHNOLOGY      | 98.39                   | 66.67             | 64.52              | 77.14             | 6.45                     | 14.81                 |
| <b>0199</b> | OTHER AGRICULTURE AND NATURAL RESOURCES                    | 100.00                  | 100.00            | 100.00             | 100.00            | 25.00                    | 25.00                 |
|             | <b>019900</b> OTHER AGRICULTURE AND NATURAL RESOURCES      | 100.00                  | 100.00            | 100.00             | 100.00            | 25.00                    | 25.00                 |
| <b>02</b>   | <b>ARCHITECTURE AND RELATED TECHNOLOGIES</b>               | 86.00                   | 92.11             | 91.84              | 73.91             | 16.00                    | 21.05                 |
| <b>0201</b> | ARCHITECTURE AND ARCHITECTURAL TECHNOLOGY                  | 86.00                   | 92.11             | 91.84              | 73.91             | 16.00                    | 21.05                 |
|             | <b>020100</b> ARCHITECTURE AND ARCHITECTURAL TECHNOLOGY    | 86.00                   | 92.11             | 91.84              | 73.91             | 16.00                    | 21.05                 |



## PERKINS IV Core Indicators of Performance by Vocational TOP Code

Indicators for 2013-2014 Fiscal Year Planning

Summary by College for: MODESTO - YOSEMITE

*To display 4 or 6 digit TOP codes, click on the plus sign to the left of the TOP code.*

|             |  | Core 1 Skill Attainment | Core 2 Completion | Core 3 Persistence | Core 4 Employment | Core 5a NT Participation | Core 5b NT Completion |
|-------------|--|-------------------------|-------------------|--------------------|-------------------|--------------------------|-----------------------|
| <b>05</b>   | <b>BUSINESS AND MANAGEMENT</b>                               | 86.44                   | 87.55             | 84.01              | 76.67             | 42.18                    | 53.68                 |
| <b>0501</b> | BUSINESS AND COMMERCE, GENERAL                               | 100.00                  | 100.00            | 100.00             |                   | 33.33                    | 0.00                  |
|             | <b>050100</b> BUSINESS AND COMMERCE, GENERAL                 | 100.00                  | 100.00            | 100.00             |                   | 33.33                    | 0.00                  |
| <b>0502</b> | ACCOUNTING   | 94.39                   | 83.84             | 89.25              | 82.61             | 47.66                    | 57.14                 |
|             | <b>050200</b> ACCOUNTING                                     | 94.39                   | 83.84             | 89.25              | 82.61             | 47.66                    | 57.14                 |
| <b>0505</b> | BUSINESS ADMINISTRATION                                      | 74.71                   | 100.00            | 80.95              | 79.10             | 59.77                    | 59.52                 |
|             | <b>050500</b> BUSINESS ADMINISTRATION                        | 74.71                   | 100.00            | 80.95              | 79.10             | 59.77                    | 59.52                 |
| <b>0506</b> | BUSINESS MANAGEMENT  | 80.95                   | 92.86             | 70.00              | 78.57             | 61.54                    | 66.67                 |
|             | <b>050600</b> BUSINESS MANAGEMENT                            | 84.62                   | 100.00            | 69.23              | 66.67             | 61.54                    | 66.67                 |
|             | <b>050630</b> MANAGEMENT DEVELOPMENT AND SUPERVISION         | 75.00                   | 80.00             | 71.43              | 100.00            |                          |                       |
| <b>0508</b> | INTERNATIONAL BUSINESS AND TRADE                             | 0.00                    | 100.00            | 0.00               | 100.00            | 100.00                   | 100.00                |
|             | <b>050800</b> INTERNATIONAL BUSINESS AND TRADE               | 0.00                    | 100.00            | 0.00               | 100.00            | 100.00                   | 100.00                |
| <b>0509</b> | MARKETING AND DISTRIBUTION                                   | 100.00                  | 100.00            | 83.33              | 100.00            |                          |                       |
|             | <b>050900</b> MARKETING AND DISTRIBUTION                     | 100.00                  | 100.00            | 83.33              | 100.00            |                          |                       |
| <b>0511</b> | REAL ESTATE  | 92.86                   | 50.00             | 53.85              | 57.14             |                          |                       |
|             | <b>051100</b> REAL ESTATE                                    | 92.86                   | 50.00             | 53.85              | 57.14             |                          |                       |
| <b>0514</b> | OFFICE TECHNOLOGY/OFFICE COMPUTER APPLICATIONS               | 79.81                   | 72.22             | 82.52              | 52.38             | 13.46                    | 22.58                 |
|             | <b>051400</b> OFFICE TECHNOLOGY/OFFICE COMPUTER APPLICATIONS | 79.81                   | 72.22             | 82.52              | 52.38             | 13.46                    | 22.58                 |
| <b>06</b>   | <b>MEDIA AND COMMUNICATIONS</b>                              | 93.62                   | 82.61             | 88.30              | 88.46             | 45.45                    | 44.00                 |
| <b>0601</b> | MEDIA AND COMMUNICATIONS, GENERAL                            | 93.88                   | 52.94             | 83.67              | 88.89             |                          |                       |
|             | <b>060100</b> MEDIA AND COMMUNICATIONS, GENERAL              | 93.88                   | 52.94             | 83.67              | 88.89             |                          |                       |
| <b>0602</b> | JOURNALISM   | 100.00                  | 100.00            | 100.00             | 100.00            |                          |                       |
|             | <b>060200</b> JOURNALISM                                     | 100.00                  | 100.00            | 100.00             | 100.00            |                          |                       |
| <b>0604</b> | RADIO AND TELEVISION   | 88.89                   | 100.00            | 88.89              | 83.33             | 33.33                    | 33.33                 |
|             | <b>060410</b> RADIO  | 80.00                   | 100.00            | 80.00              | 87.50             | 40.00                    | 40.00                 |
|             | <b>060420</b> TELEVISION (INCLUDING COMBINED TV/FILM/VIDEO)  | 100.00                  | 100.00            | 100.00             | 75.00             | 25.00                    | 25.00                 |





## PERKINS IV Core Indicators of Performance by Vocational TOP Code

Indicators for 2013-2014 Fiscal Year Planning

Summary by College for: MODESTO - YOSEMITE

*To display 4 or 6 digit TOP codes, click on the plus sign to the left of the TOP code.*

|        |   | Core 1 Skill Attainment | Core 2 Completion | Core 3 Persistence | Core 4 Employment | Core 5a NT Participation | Core 5b NT Completion |
|--------|---|-------------------------|-------------------|--------------------|-------------------|--------------------------|-----------------------|
| 0614   | DIGITAL MEDIA                                 | 93.33                   | 100.00            | 93.33              | 100.00            | 60.00                    | 71.43                 |
| 061400 | DIGITAL MEDIA                                 | 93.33                   | 100.00            | 93.33              | 100.00            | 60.00                    | 71.43                 |
| 07     | INFORMATION TECHNOLOGY                        | 89.55                   | 79.49             | 84.62              | 67.50             | 17.91                    | 22.39                 |
| 0701   | INFORMATION TECHNOLOGY, GENERAL               | 90.18                   | 71.93             | 82.88              | 74.07             | 17.86                    | 23.91                 |
| 070100 | INFORMATION TECHNOLOGY, GENERAL               | 90.18                   | 71.93             | 82.88              | 74.07             | 17.86                    | 23.91                 |
| 0702   | COMPUTER INFORMATION SYSTEMS                  | 100.00                  | 100.00            | 100.00             |                   | 0.00                     | 0.00                  |
| 070210 | SOFTWARE APPLICATIONS                         | 100.00                  | 100.00            | 100.00             |                   | 0.00                     | 0.00                  |
| 0707   | COMPUTER SOFTWARE DEVELOPMENT                 | 72.73                   | 100.00            | 100.00             | 75.00             | 27.27                    | 30.00                 |
| 070710 | COMPUTER PROGRAMMING                          | 72.73                   | 100.00            | 100.00             | 75.00             | 27.27                    | 30.00                 |
| 0708   | COMPUTER INFRASTRUCTURE AND SUPPORT           | 100.00                  | 100.00            | 85.71              | 44.44             | 11.11                    | 11.11                 |
| 070810 | COMPUTER NETWORKING                           | 100.00                  | 100.00            | 85.71              | 44.44             | 11.11                    | 11.11                 |
| 09     | ENGINEERING AND INDUSTRIAL TECHNOLOGIES       | 89.67                   | 48.47             | 69.72              | 74.32             | 4.81                     | 7.61                  |
| 0934   | ELECTRONICS AND ELECTRIC TECHNOLOGY           | 90.22                   | 60.00             | 71.43              | 64.71             | 6.52                     | 10.34                 |
| 093400 | ELECTRONICS AND ELECTRIC TECHNOLOGY           | 89.47                   | 36.00             | 77.63              | 65.00             | 3.95                     | 0.00                  |
| 093410 | COMPUTER ELECTRONICS                          | 66.67                   | 100.00            | 33.33              | 50.00             | 33.33                    | 50.00                 |
| 093420 | INDUSTRIAL ELECTRONICS                        | 100.00                  | 100.00            | 41.67              | 66.67             | 15.38                    | 15.38                 |
| 0936   | PRINTING AND LITHOGRAPHY                      | 90.00                   | 50.00             | 75.00              | 60.00             | 40.00                    | 100.00                |
| 093600 | PRINTING AND LITHOGRAPHY                      | 90.00                   | 50.00             | 75.00              | 60.00             | 40.00                    | 100.00                |
| 0943   | INSTRUMENTATION TECHNOLOGY                    | 100.00                  | 100.00            | 100.00             | 100.00            | 0.00                     | 0.00                  |
| 094300 | INSTRUMENTATION TECHNOLOGY                    | 100.00                  | 100.00            | 100.00             | 100.00            | 0.00                     | 0.00                  |
| 0945   | INDUSTRIAL SYSTEMS TECHNOLOGY AND MAINTENANCE | 93.42                   | 34.48             | 64.47              | 83.33             | 1.32                     | 0.00                  |
| 094500 | INDUSTRIAL SYSTEMS TECHNOLOGY AND MAINTENANCE | 93.42                   | 34.48             | 64.47              | 83.33             | 1.32                     | 0.00                  |
| 0948   | AUTOMOTIVE TECHNOLOGY                         | 81.16                   | 34.78             | 72.46              | 81.82             | 5.80                     | 9.09                  |
| 094800 | AUTOMOTIVE TECHNOLOGY                         | 81.16                   | 34.78             | 72.46              | 81.82             | 5.80                     | 9.09                  |
| 0949   | AUTOMOTIVE COLLISION REPAIR                   | 86.00                   | 52.17             | 70.00              | 63.16             | 0.00                     | 0.00                  |
| 094900 | AUTOMOTIVE COLLISION REPAIR                   | 86.00                   | 52.17             | 70.00              | 63.16             | 0.00                     | 0.00                  |
| 0952   | CONSTRUCTION CRAFTS TECHNOLOGY                | 100.00                  | 100.00            | 50.00              | 50.00             |                          |                       |
| 095200 | CONSTRUCTION CRAFTS TECHNOLOGY                | 100.00                  | 100.00            | 50.00              | 50.00             |                          |                       |



## PERKINS IV Core Indicators of Performance by Vocational TOP Code

Indicators for 2013-2014 Fiscal Year Planning

Summary by College for: MODESTO - YOSEMITE

*To display 4 or 6 digit TOP codes, click on the plus sign to the left of the TOP code.*

|               |  | Core 1 Skill Attainment | Core 2 Completion | Core 3 Persistence | Core 4 Employment | Core 5a NT Participation | Core 5b NT Completion |
|---------------|--|-------------------------|-------------------|--------------------|-------------------|--------------------------|-----------------------|
| <b>0956</b>   | MANUFACTURING AND INDUSTRIAL TECHNOLOGY      | 93.98                   | 44.74             | 67.90              | 79.41             | 0.00                     | 0.00                  |
| <b>095600</b> | MANUFACTURING AND INDUSTRIAL TECHNOLOGY      | 100.00                  | 50.00             | 83.33              | 100.00            | 0.00                     | 0.00                  |
| <b>095630</b> | MACHINING AND MACHINE TOOLS                  | 83.33                   | 63.64             | 62.50              | 81.82             | 0.00                     | 0.00                  |
| <b>095640</b> | SHEET METAL AND STRUCTURAL METAL             | 100.00                  | 100.00            | 50.00              |                   | 0.00                     | 0.00                  |
| <b>095650</b> | WELDING TECHNOLOGY                           | 96.49                   | 30.43             | 68.42              | 77.27             | 0.00                     | 0.00                  |
| <b>0957</b>   | CIVIL AND CONSTRUCTION MANAGEMENT TECHNOLOGY | 100.00                  | 100.00            | 100.00             |                   | 0.00                     | 0.00                  |
| <b>095700</b> | CIVIL AND CONSTRUCTION MANAGEMENT TECHNOLOGY | 100.00                  | 100.00            | 100.00             |                   | 0.00                     | 0.00                  |
| <b>095720</b> | CONSTRUCTION INSPECTION                      | 100.00                  |                   | 100.00             |                   | 0.00                     |                       |
| <b>10</b>     | <b>FINE AND APPLIED ARTS</b>                 | <b>91.30</b>            | <b>96.43</b>      | <b>81.82</b>       | <b>80.00</b>      | <b>29.55</b>             | <b>36.00</b>          |
| <b>1006</b>   | TECHNICAL THEATER                            | 100.00                  | 100.00            | 100.00             |                   |                          |                       |
| <b>100600</b> | TECHNICAL THEATER                            | 100.00                  | 100.00            | 100.00             |                   |                          |                       |
| <b>1011</b>   | PHOTOGRAPHY                                  | 100.00                  | 100.00            | 0.00               | 0.00              |                          |                       |
| <b>101100</b> | PHOTOGRAPHY                                  | 100.00                  | 100.00            | 0.00               | 0.00              |                          |                       |
| <b>1030</b>   | GRAPHIC ART AND DESIGN                       | 90.91                   | 96.15             | 83.33              | 85.71             | 29.55                    | 36.00                 |
| <b>103000</b> | GRAPHIC ART AND DESIGN                       | 90.91                   | 96.15             | 83.33              | 85.71             | 29.55                    | 36.00                 |
| <b>12</b>     | <b>HEALTH</b>                                | <b>94.55</b>            | <b>94.25</b>      | <b>66.46</b>       | <b>88.71</b>      | <b>12.24</b>             | <b>12.37</b>          |
| <b>1201</b>   | HEALTH OCCUPATIONS, GENERAL                  | 100.00                  |                   | 100.00             |                   |                          |                       |
| <b>120100</b> | HEALTH OCCUPATIONS, GENERAL                  | 100.00                  |                   | 100.00             |                   |                          |                       |
| <b>1208</b>   | MEDICAL ASSISTING                            | 97.18                   | 71.11             | 55.07              | 82.93             | 8.45                     | 9.09                  |
| <b>120800</b> | MEDICAL ASSISTING                            | 97.18                   | 71.11             | 55.07              | 82.93             | 8.45                     | 9.09                  |
| <b>1210</b>   | RESPIRATORY CARE/THERAPY                     | 97.87                   | 100.00            | 61.90              | 76.00             |                          |                       |
| <b>121000</b> | RESPIRATORY CARE/THERAPY                     | 97.87                   | 100.00            | 61.90              | 76.00             |                          |                       |
| <b>1228</b>   | ATHLETIC TRAINING AND SPORTS MEDICINE        | 0.00                    | 100.00            | 100.00             | 88.89             |                          |                       |
| <b>122800</b> | ATHLETIC TRAINING AND SPORTS MEDICINE        | 0.00                    | 100.00            | 100.00             | 88.89             |                          |                       |
| <b>1230</b>   | NURSING                                      | 96.59                   | 99.15             | 68.49              | 93.10             | 13.93                    | 13.68                 |
| <b>123010</b> | REGISTERED NURSING                           | 96.66                   | 99.13             | 67.29              | 92.65             | 13.38                    | 13.54                 |
| <b>123020</b> | LICENSED VOCATIONAL NURSING                  | 94.44                   | 100.00            | 76.47              | 100.00            | 22.22                    | 0.00                  |



## PERKINS IV Core Indicators of Performance by Vocational TOP Code

Indicators for 2013-2014 Fiscal Year Planning

Summary by College for: MODESTO - YOSEMITE

*To display 4 or 6 digit TOP codes, click on the plus sign to the left of the TOP code.*

|  | Core 1 Skill Attainment | Core 2 Completion | Core 3 Persistence | Core 4 Employment | Core 5a NT Participation | Core 5b NT Completion |
|--|-------------------------|-------------------|--------------------|-------------------|--------------------------|-----------------------|
| 123030 CERTIFIED NURSE ASSISTANT                       | 100.00                  | 100.00            | 100.00             | 100.00            | 16.67                    | 50.00                 |
| 1240 DENTAL OCCUPATIONS                                | 93.62                   | 92.31             | 66.67              | 86.36             | 6.38                     | 4.17                  |
| 124010 DENTAL ASSISTANT                                | 93.62                   | 92.31             | 66.67              | 86.36             | 6.38                     | 4.17                  |
| 1250 EMERGENCY MEDICAL SERVICES                        | 92.86                   | 50.00             | 64.29              | 83.33             |                          |                       |
| 125000 EMERGENCY MEDICAL SERVICES                      | 92.86                   | 50.00             | 64.29              | 83.33             |                          |                       |
| 13 FAMILY AND CONSUMER SCIENCES                        | 92.25                   | 64.83             | 77.56              | 64.02             | 11.78                    | 12.34                 |
| 1301 FAMILY AND CONSUMER SCIENCES, GENERAL             | 100.00                  | 100.00            | 100.00             | 100.00            |                          |                       |
| 130100 FAMILY AND CONSUMER SCIENCES, GENERAL           | 100.00                  | 100.00            | 100.00             | 100.00            |                          |                       |
| 1302 INTERIOR DESIGN AND MERCHANDISING                 | 94.74                   | 85.71             | 78.95              | 75.00             |                          |                       |
| 130200 INTERIOR DESIGN AND MERCHANDISING               | 94.74                   | 85.71             | 78.95              | 75.00             |                          |                       |
| 1305 CHILD DEVELOPMENT/EARLY CARE AND EDUCATION        | 91.68                   | 65.79             | 79.26              | 65.54             | 3.29                     | 3.03                  |
| 130500 CHILD DEVELOPMENT/EARLY CARE AND EDUCATION      | 91.61                   | 64.67             | 78.60              | 65.75             | 3.31                     | 3.10                  |
| 130520 CHILDREN WITH SPECIAL NEEDS                     | 100.00                  | 100.00            | 100.00             |                   |                          |                       |
| 130580 CHILD DEVELOPMENT ADMINISTRATION AND MANAGEMENT | 66.67                   | 100.00            | 100.00             | 50.00             | 0.00                     | 0.00                  |
| 1306 NUTRITION, FOODS, AND CULINARY ARTS               | 94.94                   | 55.26             | 67.09              | 55.56             | 60.76                    | 68.18                 |
| 130630 CULINARY ARTS                                   | 94.94                   | 55.26             | 67.09              | 55.56             | 60.76                    | 68.18                 |
| 21 PUBLIC AND PROTECTIVE SERVICES                      | 88.26                   | 76.21             | 82.75              | 76.04             | 31.45                    | 36.91                 |
| 2104 HUMAN SERVICES                                    | 89.52                   | 84.44             | 91.87              | 36.00             |                          |                       |
| 210400 HUMAN SERVICES                                  | 89.52                   | 84.44             | 91.87              | 36.00             |                          |                       |
| 2105 ADMINISTRATION OF JUSTICE                         | 87.38                   | 76.19             | 82.43              | 78.95             | 42.33                    | 46.15                 |
| 210500 ADMINISTRATION OF JUSTICE                       | 87.38                   | 76.19             | 82.43              | 78.95             | 42.33                    | 46.15                 |
| 2133 FIRE TECHNOLOGY                                   | 89.51                   | 69.64             | 76.43              | 86.44             | 4.32                     | 3.92                  |
| 213300 FIRE TECHNOLOGY                                 | 81.52                   | 88.37             | 78.16              | 82.93             | 4.35                     | 4.65                  |
| 213350 FIRE ACADEMY                                    | 100.00                  | 7.69              | 74.29              | 94.44             | 4.29                     | 0.00                  |

Performance Rate Less Than Goal is Shaded

Total Count is 10 or Greater

Total Count is Less Than 10

Core 1 - Skill Attainment, GPA 2.0 & Above: 88.83% Performance Goal - ( 2010- 2011)

Core 2 - Completions, Certificates, Degrees and Transfer Ready: 76.20% Performance Goal - ( 2010- 2011)

Core 3 - Persistence in Higher Education: 85.80% Performance Goal - ( 2010- 2011)

Core 4 - Employment: 78.89% Performance Goal - ( 2010- 2011)

Source: CCCCO MIS Database, EDD Base Wage File, CSU Chancellor's Office, UC Office of the President, 2000 Census, Student Loan Clearing House



**PERKINS IV Core Indicators of Performance by Vocational TOP Code**  
**Indicators for 2013-2014 Fiscal Year Planning**

Core 5 - Training Leading to Non-traditional Employment: Greater than 22.20% Participation & 25.00% Completion - ( 2010- 2011)

**Labor Market Overview  
Stanislaus County  
March 2013**

**Largest Occupations**

| SOC Code | Occupation  | 2012<br>Jobs | 2017<br>Jobs | Growth | Growth<br>% | Avg. Hourly<br>Wages |
|----------|---|--------------|--------------|--------|-------------|----------------------|
| 45-2092  | Farmworkers and Laborers, Crop, Nursery, and Greenhouse   | 8,907        | 7,884        | -1,023 | -11%        | \$8.77               |
| 41-2031  | Retail Salespersons                                       | 5,611        | 6,735        | 1,124  | 20%         | \$9.82               |
| 53-3032  | Heavy and Tractor-Trailer Truck Drivers                   | 5,036        | 5,513        | 477    | 9%          | \$18.38              |
| 41-2011  | Cashiers  | 4,921        | 5,404        | 483    | 10%         | \$9.57               |
| 53-7062  | Laborers and Freight, Stock, and Material Movers, Hand    | 4,414        | 4,747        | 333    | 8%          | \$12.87              |
| 35-3021  | Food Preparation & Serving Workers, Including Fast Food   | 4,265        | 5,386        | 1,121  | 26%         | \$9.12               |
| 41-9022  | Real Estate Sales Agents                                  | 4,083        | 4,580        | 497    | 12%         | \$11.51              |
| 11-9013  | Farmers, Ranchers, and Other Agricultural Managers        | 3,945        | 4,002        | 57     | 1%          | \$14.75              |
| 43-9061  | Office Clerks, General                                    | 3,454        | 3,650        | 196    | 6%          | \$13.92              |
| 29-1111  | Registered Nurses   | 3,450        | 4,181        | 731    | 21%         | \$45.16              |
| 39-9011  | Childcare Workers   | 3,343        | 3,776        | 433    | 13%         | \$7.73               |
| 37-2011  | Janitors & Cleaners, Except Maids & Housekeeping Cleaners | 3,323        | 3,781        | 458    | 14%         | \$12.34              |
| 37-2012  | Maids and Housekeeping Cleaners                           | 3,251        | 3,978        | 727    | 22%         | \$9.17               |
| 43-5081  | Stock Clerks and Order Fillers                            | 2,953        | 3,246        | 293    | 10%         | \$10.60              |
| 41-1011  | First-Line Supervisors of Retail Sales Workers            | 2,849        | 3,016        | 167    | 6%          | \$14.65              |
| 25-2021  | Elementary School Teachers, Except Special Education      | 2,652        | 2,850        | 198    | 7%          | \$33.29              |
| 43-3031  | Bookkeeping, Accounting, and Auditing Clerks              | 2,497        | 2,595        | 98     | 4%          | \$16.83              |
| 11-1021  | General and Operations Managers                           | 2,159        | 2,117        | -42    | -2%         | \$41.15              |
| 25-9041  | Teacher Assistants  | 2,139        | 2,261        | 122    | 6%          | \$14.33              |
| 51-9111  | Packaging and Filling Machine Operators and Tenders       | 2,122        | 1,854        | -268   | -13%        | \$14.55              |

**Fastest Growing Occupations**

| SOC Code | Occupation  | 2012<br>Jobs | 2017<br>Jobs | Growth | Growth<br>% | Avg. Hourly<br>Wages |
|----------|---|--------------|--------------|--------|-------------|----------------------|
| 41-2031  | Retail Salespersons                                       | 5,611        | 6,735        | 1,124  | 20%         | \$9.82               |
| 35-3021  | Food Preparation and Serving Workers, Including Fast Food | 4,265        | 5,386        | 1,121  | 26%         | \$9.12               |
| 29-1111  | Registered Nurses   | 3,450        | 4,181        | 731    | 21%         | \$45.16              |
| 37-2012  | Maids and Housekeeping Cleaners                           | 3,251        | 3,978        | 727    | 22%         | \$9.17               |
| 39-9021  | Personal Care Aides                                       | 1,319        | 1,898        | 579    | 44%         | \$9.37               |
| 41-9022  | Real Estate Sales Agents                                  | 4,083        | 4,580        | 497    | 12%         | \$11.51              |
| 41-2011  | Cashiers  | 4,921        | 5,404        | 483    | 10%         | \$9.57               |
| 53-3032  | Heavy and Tractor-Trailer Truck Drivers                   | 5,036        | 5,513        | 477    | 9%          | \$18.38              |
| 37-2011  | Janitors & Cleaners, Except Maids & Housekeeping Cleaners | 3,323        | 3,781        | 458    | 14%         | \$12.34              |
| 39-9011  | Childcare Workers   | 3,343        | 3,776        | 433    | 13%         | \$7.73               |
| 35-3031  | Waiters and Waitresses                                    | 2,107        | 2,538        | 431    | 20%         | \$8.95               |
| 31-1012  | Nursing Aides, Orderlies, and Attendants                  | 2,045        | 2,450        | 405    | 20%         | \$12.16              |
| 53-7062  | Laborers and Freight, Stock, and Material Movers, Hand    | 4,414        | 4,747        | 333    | 8%          | \$12.87              |
| 31-1011  | Home Health Aides   | 948          | 1,273        | 325    | 34%         | \$9.71               |
| 29-2041  | Emergency Medical Technicians and Paramedics              | 512          | 815          | 303    | 59%         | \$21.26              |
| 13-2052  | Personal Financial Advisors                               | 1,020        | 1,316        | 296    | 29%         | \$22.42              |
| 43-5081  | Stock Clerks and Order Fillers                            | 2,953        | 3,246        | 293    | 10%         | \$10.60              |
| 35-2014  | Cooks, Restaurant   | 873          | 1,077        | 204    | 23%         | \$10.90              |
| 25-2021  | Elementary School Teachers, Except Special Education      | 2,652        | 2,850        | 198    | 7%          | \$33.29              |
| 35-1012  | Supervisors of Food Preparation and Serving Workers       | 1,021        | 1,219        | 198    | 19%         | \$11.60              |

**Current Median Hourly Earnings**

| Area              | Current Median Hourly Earnings |
|-------------------|--------------------------------|
| Stanislaus County | \$17.84                        |
| California        | \$21.65                        |
| United States     | \$19.05                        |

## 2012 Stanislaus County Unemployment

| Month                            | % Unemployed  |
|----------------------------------|---------------|
| January                          | 16.79%        |
| February                         | 17.00%        |
| March                            | 17.34%        |
| April                            | 16.28%        |
| May                              | 15.52%        |
| June                             | 15.73%        |
| July                             | 15.67%        |
| August                           | 14.46%        |
| September                        | 13.48%        |
| <b>2012 Average Unemployment</b> | <b>15.81%</b> |

## Top Businesses- Stanislaus County

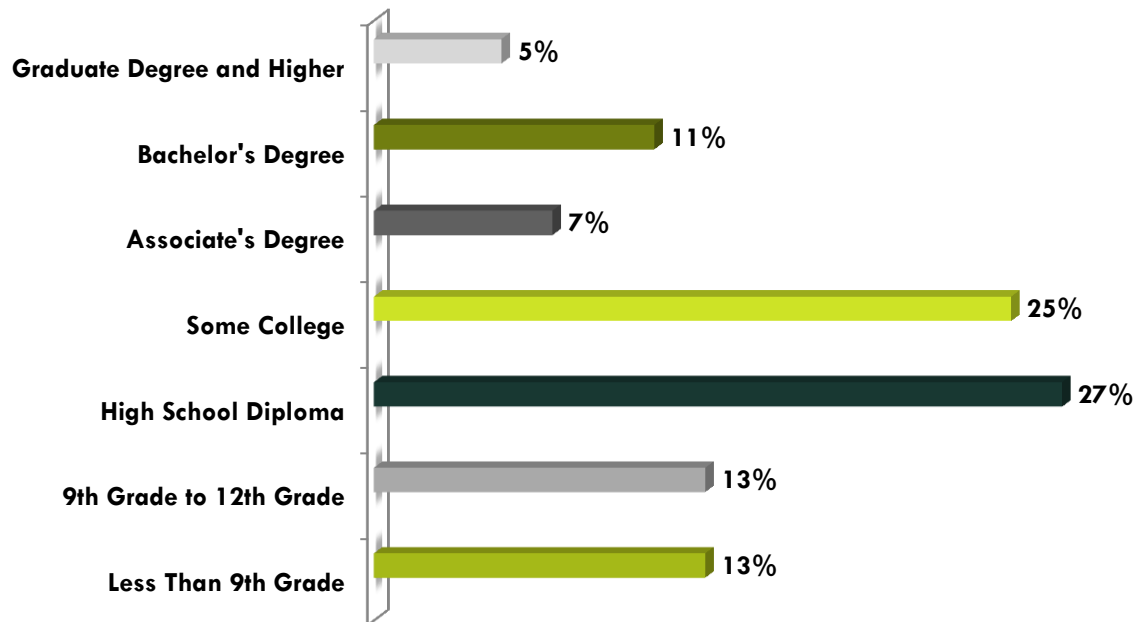
| Business Name  | Local Employees |
|--|-----------------|
| Doctors Medical Center   | 2,300           |
| Cardiac Care Emergency Heart Services Of Memorial Medical Center | 1,794           |
| Doctors Medical Center Of Modesto, Inc.                          | 1,403           |
| Tri Valley Growers   | 1,400           |
| Del Monte Corp.  | 1,300           |

## 2012 Population with Some College Education

| Area              | Population (over age 25) | % of people over age 25 |
|-------------------|--------------------------|-------------------------|
| Stanislaus County | 152,366                  | 47.45%                  |
| California        | 14,648,461               | 59.16%                  |
| United States     | 118,185,186              | 56.53%                  |

## 2012 Stanislaus County Educational Attainment Levels

\*Levels of Education (Population age 25 and Older)



For questions about this report contact:

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Director

Center of Excellence

Hosted at Modesto Junior College

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\*Data sources for this report include: EMSI Complete Data, California Labor Market Information Division, Nielson-Claritas Business Facts, and U.S. Census Bureau