

CTE ADVISORY COMMITTEE

Career & Technical Education Local Planning Team/Advisory Committee

Working Dinner

AGENDA

April 22, 2010

Appetiz Banquet Room

5:30 to 8:30pm

1. CTE Advisory Committee

- Welcome/Introductions
- Career & Technical Education Video

2. CTE Overview

- Overview of Career & Technical Education (CTE), Perkins IV (handout)
- Performance Indicator Reports Data Review (handout)
- CA State CTE Plan
- CTE Deans Program Reports

3. Develop 2010-11 CTE Plan

- Dialogue With Business & Industry Partners
- Break into Work Groups
- Identify 2010-11 Priorities
- Work Group Reports

4. Closing Remarks



Modesto Junior College
Career & Technical Education (CTE) Advisory Meeting
April 22, 2010
5:00pm-9:00pm
Appetiz Restaurant

Present: Mark Anglin, Nancy Backlund, Melissa Beach, George Boodrookas, Shirley Buzbee, Samantha Collins, Megan Davis, Greg Hausmann, Jim Howen, Cece Hudelson-Putnam, Carol Lancaster-Mingus, Grace Lieberman, Pedro Mendez, Jennifer Mullens, Lisa Riggs, Martha Robles, John Rodriguez, Jeff Rowe, John Scheuber, Gerald Schneider, Nancy Sill, Mike Sundquist, Dennis Thorpe, Ken White, Jeremy Wilson

Absent: Jenni Abbott, David Bankson, Jeff Beebe, Mark Bowden, Kurt Clarke, Jeff Hanson, Anita Hellam, Peggy Kroll, Michelle Marquez, John Martinez, Melba Miyamoto, Yashlee Nazi, Laurie Prusso, Brian Sanders, Derek Waring, Taylor White

I.WES PAGE VIDEO

An exciting video showcasing all of MJC's vocational (CTE) programs, with major focus on Dental Assisting, Medical Assisting, Nursing, and Technical Education programs was presented. The major focus revolved around areas that received the additional annual CTE augmentation to show what they purchased and how it would improve and benefit their program(s).

II.OVERVIEW OF CTE, PERKINS IV

Mark Anglin presented a PowerPoint presentation providing an overview of Career & Technical Education including the 9 requirements for Perkins IV expenditures; the 20 permissive uses of funds; an explanation defining special populations; Perkins IV accountability; Core Indicator data and rules of the negotiated targets for years 1 through 3. He also stated the focus of this year's annual advisory meeting is to develop the 2010-2011 CTE Local Application by identifying priorities for the upcoming year. He shared the 2008-2010 California State Plan for Career Technical Education executive summary. We studied the Stanislaus County Occupation and Unemployment Data 12-Month Outlook showing a comparison from 2009 to 2011 in largest, highest paying and fastest growing occupations. We also studied an unemployment breakdown from 2009.

III. PERFORMANCE INDICATOR DATA REPORTS REVIEW

Mark A. shared the 2010-2011 fiscal year planning Performance Core Indicator reports. He addressed areas that were slightly below the predetermined goals in Skill Attainment, Completion, Persistence, Employment, Participation and Completion. He explained that those who meet or exceed the 90% targets are free to fund any program improvements while still being encouraged to address low performances. Those below the 90% targets must submit focused Improvement analysis and narratives; must address low performance in the funded areas and are encouraged to start a diagnostic study. If they remain below target, the rules increase over the next 2 years including monitoring by the Chancellor's Office.

IV. CTE PROGRAM REPORTS

Mike Sundquist – Mike S. reported the Radio/TV program have been in renovation mode by giving their studios a more global view of the audio world. They are presently rebuilding their program. They have sent many of their MJC Theater technician students to the Gallo Center where they have been immediately placed into paying jobs. The TV/Film Studio was just rebuilt, reported Carol Lancaster-Mingus who has 20 years in the PBS broadcasting experience.

Cece Hudelson-Putnam – Cece H. reported she oversees the following CTE programs: Computer Science, Computer Graphics, Business, Office Administration and Administration of Justice. The majority of CTE funds for her programs were spent on software for the student labs, student worker and lab assistant salaries, and in creating opportunities for employment. At the advisory meeting her group examined expanding opportunities for special populations, utilizing funding for tutoring, internships and better coordination with surrounding businesses.

Pedro Mendez – Pedro M. reported they were able to make many updates and program improvements aimed at providing more current practical labs and new content in MJC Technical Education Instructional Programs. CTE Perkins funds assisted with the following efforts:

- The Automotive Technology program added new Hunter Alignment Equipment, Tire Changers and Valve Grinders to their programs improving equipment in labs for 3 classes.
- The Welding Program received new welders expanding welders available to students in labs.
- New technology was added via Economic Development Grant funding improving lab technology supporting Industrial Communication and Telecommunication Lab needs such as Voip, Redlion Wireless Systems, PLC Ethernet technology and Contrologix.
- CTE Collaborative Funding and ARRA Local Training resources supported the development of Weatherization and Solar. Professor Adrian DeAngelis organized lab and curriculum in support of Solar Training at MJC. Instructor Tom Davenport authored Home Weatherization Curriculum and helped procure technology for conducting Energy Audits and Repairs. John Rodriguez, a former MJC student stated with the present economy, he found himself seeking employment a few months ago. He has a background in construction and signed up with Alliance Net. He enrolled into the Home Weatherization Program. At present, he is a team lead for HUD in the retrofits of Low Income Homes.

Martha Robles – Martha R., Director of Student Services and Tutoring plans to increase the level of support for student services including more services offered at night.

Carol Lancaster-Mingus – Carol L., Radio & TV instructor reported they are proposing a new certificate in Art and used CTE funds for much needed student support. She is collaborating with the Journalism department. Presently they are getting student reports on the air and trying to get more on the web. They are partnering with the PE department regarding advertisements on the Pirate's scoreboard. She stated future employment in her area is booming, as media is "the word" for broadcast, social media, mobile technology, etc.

George Boodrookas – George B., manager over Fire Science reported purchasing much needed supplies and equipment for the EMS program. They received an augmentation from the September proposal meeting allowing them to purchase additional training equipment, equipment and mannequins.

Mark Anglin – Mark A., Dean of Agriculture & Technical Education reported they have completed their mini-store trailer which features floral display cases; animal science with eggs and chicken sales; vegetables and nuts. They are very excited with their mobile farmer's market store. Tables pull out from underneath with 3 side openings that pull out like wings providing cover and shade. He announced that Ag now has free range chickens as well.

Dennis Thorpe – Dennis T., Architecture instructor reported they have completed an upgrade to the Architecture and Engineering student area. They purchased supplies, new concrete mixer machine, drafting tables for students, AutoCad software, etc. He stated 127 students applied to Cal Poly and they let in four—all with 4.0 GPAs.

Lisa Riggs – Lisa R., Director of Nursing reported they purchased the basic program necessities, updated some resources and provided staff development.

V. IDENTIFY 2010-2011 CTE PRIORITIES

CTE Program Area (Division/Industry Rep): John Scheuber, Veterinary Services Incorporated

Others: Mark Anglin, Megan Davis, Grace Lieberman, Sam Collins

Review of Performance Data/Findings:

In reviewing the overall Performance Data for the Agriculture and Environmental Sciences Program the Core Indicators of Performance were very strong. The performance exceeded the negotiated target by the following: Core 1 – Skill Attainment, .36%; Core 3 – Persistence, 5.03%; Core 4 – Employment, 6.26%; Core 5a NT Participation, 18.25%; Core 5b NT Completion, 27.0%. As seen here the department as a whole was well above the negotiated targets with one exception, Core 2 – Completion which was 4.39% below the target.

It was difficult to determine the reason for this one low area of performance. Several ideas were floated as possibilities for this result. One area discussed was the Registered Vet Tech program which has open entry. This is a very challenging program that is difficult for students that have not been academically prepared for the rigor demanded in the program, hence a fairly large drop-out rate. The Forestry and Natural Resources program also fell short in this area. Again it is difficult to determine the exact cause but in reviewing the courses offered in this program area the Soils class, which is taken by a large number of students, is a very demanding course which is definitely challenging. The Ag Power and Equipment program also fell short in this Core Indicator. This program has undergone a complete facelift over the past two years and is expected to show marked improvement in this area.

Identify 2010-2011 CTE work plan priorities:

Priorities discussed by the group included the following:

- Address any Core Indicator shortfalls among all program areas in the Agriculture and Environmental Sciences with a special emphasis on Completion.
- It was expressed that there is a need to upgrade the poultry processing facilities to better facilitate the instruction in that area.
- Continued improvement and upgrading of equipment is needed in the Mechanized Agriculture program.
- Funding of CTE Student Leadership activities was discussed as a definite area to fund where applicable.
- There is definite need for instructional supplies to enhance programs.
- The importance of offering Professional in-service activities for faculty is needed.
- Opportunities for student internships should be expanded where possible.

Work Group Report:

In reporting out, John Scheuber wanted to emphasize the need to support student leadership activities. He discussed the importance of potential employees attaining and developing the soft skills required to gain and maintain employment. The ability the work in teams, problem solving, communication skills, etc. He also expressed his strong belief in offering Professional Development for CTE staff. In addition he felt that overall instructional support was important for all program areas.

Allied Health

(Shirley Buzbee, Lisa Riggs)

Review of Performance Data/Findings:

We are below average in the areas of:

- a. Nontraditional employment
- b. Graduates continuing on to higher education.

Re: Nontraditional employment.

There have been increasing numbers of men entering the field of nursing, both licensed vocational nursing and registered nursing as salary and flexible hours are a draw however, they are still in the minority. Medical assisting and Dental Assisting programs still have a majority of women entering their programs. Careers in Medical Assisting (MA) and Dental assisting (DA) do not pay salaries sufficient to draw men into the profession. Medical Assisting has had a slight increase in the number of men entering the program. We were unclear as to why respiratory care was low in nontraditional employment.

RE: Continuance on to higher education

There is a good financial incentive for vocational nurses to continue their nursing education and obtain their associate of science degree (A.D.N.) in nursing; however this is not considered “higher education.” There is a minute financial incentive for A.D.N. grads to continue their education to obtain a bachelor’s degree in nursing and therefore the incentive must be of intrinsic value. There are no avenues for higher education in the specific fields of medical or dental assisting. Continuing education would come in the way of MA’s continuing on to pursue a career in nursing and dental assistants continuing on to become dental hygienists, however both are a career changes. There are very limited schools of higher education available for Respiratory Care therapists.

Identify 2010-2011 CTE work plan priorities:

See CTE report of allied health programs.

Each program will investigate strategies for recruitment and increase exposure to incentives to further education.

Work Group Report:

The money allocated for allied health programs is minimal and unchanging. It is used for basic program resources and maintenance of the skills lab operation in each program. Though work plan priorities have been established, it is doubtful that additional monies will be dispersed in this economic climate. Without additional funding, our capabilities to adequately implement priorities and change performance standards outcomes will be marginal.

Engineering & Architecture

(Dennis Thorpe, Jeremy Wilson)

Review of Performance Data/Findings:

TOP Code 0953 -- This TOP code was not listed on the report. Needs to be addressed as to why not.

TOP Code 0957 – There are 2 categories within 0957 and only one of them is part of Architecture and Engineering and that is “Civil & Construction.” The other category, “Construction Inspection” is not part Arch/Engr.

Civil & Construction – All performance numbers are above negotiated values, but all data is for a group of less than 10. So, changes are not necessary as this time.

Construction Inspection – Not a part of Engr/Arch.

Identify 2010-2011 CTE work plan priorities:

The top priority for both Drafting Technology (0953) and Civil & Construction Technology (0957) is growth of the programs, both in the number of students and/or the courses offered. Growth in the area of Civil & Construction Technology is especially critical as the field of Construction Management is in need of college graduates. The field is anticipating increasing need in the years to come.

It is a priority every year to provide the students with the latest and most applicable technology. This includes the software for both 2D and 3D applications in mechanical, civil and architectural drafting and design. The Construction Management area requires a well-equipped materials testing lab and maintaining and updating equipment is very important.

Student advising is a high priority for the instructors. Students are given personal attention regarding their educational planning and educational/career decision making. All students are highly encouraged to meet with instructors to develop a plan for their program coursework.

Work Group Report:

The areas of Drafting Technology and Civil & Construction Technology are extremely important to the areas of Architecture and Engineering. They are excellent options for students to pursue a technical career in fields that are potentially high demand and high wage. They are also an excellent option for students interested in the areas of architecture and engineering, but may lack the math and science skills necessary. The instructors are committed to keeping the programs strong and giving the students more options to suit their interests and abilities.

Grace Lieberman, Stanislaus Arts Council

(Mike Sundquist, Carol Lancaster-Mingus)

Review of Performance Data/Findings:

We discussed improving our percentage of both the completion and underrepresented (women) students in our departments.

The Radio-TV-Film-Recording and Entertainment industry continue to lag behind in the recruitment of qualified women. Our advance classes also reflect this as the beginning female students choose not to continue their studies in our departments. An idea that will be immediately implemented is having focus groups during final exam week to get ideas from women students who are choosing to continue with our programs. We will ask them why they chose to continue and also ask them to brainstorm ideas that will help us recruit more women into the department.

Identify 2010-2011 CTE work plan priorities:

In order to help promote completing our degree and certificate programs the idea of creating a promotional flyer that includes a check off sheet to help students keep track of the courses needed for completion will be created over the summer. These promotional flyers will be available both in print, but most easily on-line.

Work Group Report:

All three members of this small group plan to meet in early August to go over results of the focus groups and review the flyer!

Action Item:

- [Send Table notes to Melissa Beach for compilation.](#)

WHO: CTE Advisory members

WHAT: Send Table notes to Melissa Beach for compilation.

WHEN: 5/10/10

Action Item:

- [Send 4/22/10 CTE Advisory Meeting notes, along with Table points to CTE Advisory Team, President and VPs of MJC. Send thank you letters to outside CTE Advisory members.](#)

WHO: Melissa Beach

WHAT: Send 4/22/10 CTE Advisory Meeting notes, along with Table points to CTE Advisory Team, President and VPs of MJC. Send thank you letters to outside CTE Advisory members.

WHEN: 5/31/10

MEETING ADJOURNED