

## Precision Manufacturing Meeting

### Minutes

September 25, 2014

1:00-3:00 pm

#### **Attendees:**

Ron Kalmbach, Mark Kurec, Gil Guilla, Maxine Jones, Susy Avila, Troy Gabaldon, Tom Moore, John Mulcahy, Robin McNulty, Mark Haines, Tom Cotner, Katie Mehin.

#### **High School Program Report:**

##### ***New Instructor***

Gil Guilla comes to West-MEC with an extensive background in precision manufacturing dating back over 20 years. Gil was an instructor for Western Maricopa Skills Center, as well as a precision manufacturing employee. Although he has had no formal education, Gil has had many years of real life experience which includes owning businesses as well as working for a chemical engineering company.

##### ***Enrollment***

Precision Manufacturing currently has 20 enrolled students which includes 8 high school juniors, 10 seniors and 2 adults (recent high school graduates). Gil would like to see the program grow to as many as 25 students, but is excited that West-MEC is very close to that goal. As far as recruitment, Ron Kalmbach, Rachel Cohen and Marilyn Babyar implemented a plan as to how to recruit more students for the program which included going to several different high schools and speaking with students directly. Instructors aided in recruitment as well by endorsing these programs. West-MEC currently has 19 males and 1 female in their precision manufacturing program.

##### ***Program Information Sheet***

The information sheet includes important information about the program. Included in the sheet is information about program requirements, cost requirements, hours, credits, industry certification and career pathways.

##### ***Program Needs***

Tools are needed for the program which includes drills, mills and other items that are necessary to cut materials (Maxine and Tom will assist Gil in that Process). Support from the committee is also needed, any involvement that the members could have with the program would be very valuable. Precision Manufacturing could use speakers that would talk to students about what they are currently learning and how it applies to careers in the industry today. Topics could include industry wants and needs. Maxine offered to bring in owners and general managers who took programs that are similar to what is offered at West-MEC.

## **Post-secondary Program Report:**

### ***Enrollment***

This program currently has 7 students who are fulltime. While partnering with the industry the program teaches and applies core values which include, resume writing and critical thinking skills.

### ***Program Needs***

Mesa Community College has a surplus of tools, the composed list will be sent over to West-MEC at a later date. Tools not used will go into a surplus warehouse. An EDM Sync machine will be needed in the near future (Mill Turn). All programming will eventually end up at the West-MEC facility. The second half of the program will be in the shop for precision manufacturing.

## **COE**

### ***What is it and what it means to us?***

Council for Occupational Education. West-MEC is currently preparing for accreditation for two separate programs, aviation and medical assisting. Obtaining accreditation would allow West-MEC to receive title 4 financial aid.

### ***Requirements***

Councils have to meet a certain amount of times and discuss how West-MEC ensures that student are successful (self-study). They take notes at meetings and complete online surveys. Moving forward West-MEC will be an accredited post-secondary school.

## **Apprenticeship Program:**

Susy is looking for students that are learning because entry level work is looking and that need will continue to grow. Maxine has placed 18 apprentices and 13 are already ready for placement. Partnering with the industry is a very important part of the program. There is a huge need for quoters that can draw up contracts, machinists and accountants. The month of October is manufacturing month declared by Governor.

## **NIMS Program Certification:**

It is imperative that instructors are certified. NIMS is the direction that West-MEC is headed and the goal is to have the entire process finished within the next 2-3 years.

## **Good of the Order:**

The next step beyond the meeting should be to reach out to west valley employers and discuss their need for manufacturing employees. Inspectors are needed for quality inspection. It was also noted that in March of 2014 there were 265,000 job openings in precision manufacturing. Committee members have been welcomed to our open houses to speak directly with parents who have some

reservations about the precision manufacturing career pathway. Tours by students to several different shops has also been welcomed.