

CNC Precision Manufacturing Meeting

June 6, 2013

1. The meeting was called to order at 1:30 p.m.
2. Architectural plans—Elizabeth Hawkins of DLR presented the plans. Everyone was pleased with the plans. Suggestions were made regarding external power and water, electrical and air for additional equipment, Dutch door on the tool room, DI water source and several other items.
3. Equipment was reviewed. Generally speaking, everyone was concerned about being sure that the machinery is functional and appealing. We do not want to put old equipment in poor condition in the laboratory.
4. Tools: Industry partners were invited to list needed tools by equipment. The list is:
 - a. Surface grinder: grinding wheels, angle dresser, single point diamonds, brake dresser, white dressing sticks
 - b. Vertical mill: indexer, table vice (Kurt), collets, fly cutters, end mills, boring head, chucks
 - c. CNC lathe: collets or chuck, insert holders (boring bars), inserts, vice
5. Job description—we spent some time identifying the technical skills and experience that the instructor might need:
 - a. 10 years of experience to include:
 - i. Manual lathes, milling, CNC
 - ii. Set up and operation of CAD and CAM
 - iii. Higher level math ability
 - iv. Material science experience
 - v. Leadership and classroom management
 - b. Mark Haines will share the job description they have been working on.
6. Recruitment—we began discussing a recruitment and marketing campaign for the CNC program
 - a. Target audiences: High school students, junior high students, 19-34 year olds, parents, counselors, veterans, folks who are re-careering
 - b. Messages:
 - i. High school students--Alternate path to a baccalaureate degree; earn and learn; viable path to success
 - ii. 19-34 year olds—Do something (with your life, brain, hands)!
 - iii. Counselors—Come see it
 - iv. All—Belonging; show them the products
 - v. Veterans—Put your life experience and leadership skills to work. Lives depend on the work we do in precision manufacturing
 - c. Initiatives: Edge Factor; Arizona Commerce Authority; all of us who are training precision manufacturing folks need to get on the same page (i.e. West-MEC, EVIT, Mesa, Gateway); consider a summit for recruiters (i.e. counselors, workforce

development personnel, etc.) to educate them about precision manufacturing—provide the “product knowledge”

- d. Medium: brochures for students; trifold for parents, counselors, website, Edge Factor videos, Facebook, YouTube, Kuter and AzCIS, various events
 - e. Immediate actions: Flyer for Maxine; meeting between marketing departments for West-MEC and Estrella Skills Center
7. Next meeting: Our next meeting will be held **on August 1 at 1:00 p.m.** at West-MEC Corporate facility at 5487 North 99th Avenue

Respectfully submitted,

John Mulcahy