

MACHINE SHOP ADVISORY MEETING 6/5/19

- **Attendees**

- Martin Ceja Lawrence Equipment
- Violet Segovia Lawrence Equipment
- Max Lizarraga Mt SAC – Emeritus Professor
- Jacob T. Tucker Pasadena City College
- Phu D. Nguyen Pasadena City College
- Jack Cheng Pasadena City College
- Greg Holden Pasadena City College
- Earl Corp Pasadena City College
- Adam Mattes Sterling Machinery Exchange
- Josh Larouche TRAK Machine Tools
- Fed Contreras USG Ceilings Plus
- Leo Sanchez USG Ceilings Plus

- **Introductions**

- Phu spoke to what does the industry look for in students, what tools do we need to train our students?
- Jacob addressed the success of the school and what it does for our students. (Statistics about graduation of student by ethnicity, work/school load of students)

- **Last Meeting**

- Research media outlets
- Looking at industry opinions

- **Current Enrolment/Program status**

- 1 full time faculty that teaches program
- 74 enrolled students in 2017-2018
- Other schools have 300-400 students (Limitation is Faculty)

- **Outside Programs**

- FIRST Robotics (mentor/counselor opportunity)
- Fab School (Private machine shop school)
- Lancer Motorsports (Outreach Opportunity for college students)

- **Career and Technical Education Committee**

- Getting students involved in the tools for them on campus, bringing those tools to students' attention

- **Media Coverage**

- Showcase of MIT 101 class in news outlet
- PRLOG (Publish events through different news platform)
 - Suggestion to include info about the company, school, department, students to help solve the issue of claiming PCC name involvement
- Elder Tree (Broadcast/Promotional Service for student involvement in classes)

- **Funding**
 - Grants
 - How and where can the program receive funding
 - Lockheed Martin
 - MasterCAM
 - NCSimulator
 - Suggestion to use Autodesk Inventor (HSM Plug In)
- **Programs and Degrees**
 - 1 Academic Achievement
 - 1 Occupational Skills
 - Getting our equipment running allowed for more enrollment and better student success
 - Altering the Manufacturing Engineering Technician certificate (rebranding the DT classes)
 - Suggestion to break the program in half to allow for students who get hired into industry to still finish a portion of the program
 - Suggestion to word the class that will relate to CAM software learning to not specifically call out MasterCAM but rather say CAM/CAM
- **Questions**
 - How does the occupational descriptions effect your views towards the program? Do you see a need for a specific area of study?
 - Great need for plasma cutting/Water jetting skills
 - Large need for students to be proficient in 3D CAD lingo/exposure