

## **Advanced Manufacturing Technology Advisory Committee Meeting**

**Date: April 10, 2025**

**Time: 12:00 pm – 1:00 pm**

**Place: Zoom/or in person Meeting**

Members in attendance: Mike Maendle, Tim Graham, and Ray Esch

**Was Quorum met: YES**

Guests: Craig Murphy

SRJC Faculty/Staff in Attendance: Jesse Kosten, Bill McCracken, Jimmy Parker, Lauralynn Larsen, Ann Mansfield, Megan Rhodes and Tera Hruby

Welcome Introductions were made.

Approval of last Meeting Minutes: Approved as submitted.

### **Announcements:**

The 10th Annual Celebrate CE (Career Education) event will be held on Friday, May 23, 2025, starting at 5:00 pm. Industry was invited to attend this event. CE would like to invite SRJC alumni to speak at the event.

SRJC graduation is Saturday, May 24, 2025, starting at 9:00 am.

Anne Mansfield discussed the upcoming Industrial & Trade Tech job fair scheduled for April 23rd and encouraged participation from employers. She emphasized the importance of networking and engaging with students for their career development.

### **Industry Updates:**

Committee members provided updates on new technologies and equipment at their companies, including Medtronic's non-destructive testing capabilities and Protofab and Keysight's new precision machining equipment.

### **Program updates:**

The AMT program is utilizing new metrology equipment and is considering the addition of 5-axis machining training. Bill sought the advisory committee's opinion on which type of 5-axis machines the program should purchase, assuming funding and space are available. Industry recommendations included Grob, Kitamura, or Kern 5-axis machines.

Enrollment in manufacturing courses is strong, with a 135% fill rate compared to the college average of 88%. All AMT courses are full or overfull. The online MACH 161 Metallurgy and MACH 162 Blueprint Reading courses continue to be immensely popular and will continue being offered each semester.

Bill discussed a potential collaboration with Joe Reynolds at Santa Rosa High School. Tim will reach out to Joe Reynolds and provide Bill's contact information.

The program now includes NC3 certifications and has integrated precision machining into automotive courses.

AMT has installed the new Keyence LM-X optical measurement system in the new metrology lab. Students are using the inspection equipment in all classes.

Bill is considering developing a comprehensive metrology class, including GD&T and CMM programming.

Industry thinks it would be a good ideal for Bill to incorporate thermal management and cleanliness concepts into the machining courses.

Bill applied for \$60,000 from the Strong Workforce Grant to upgrade the computer workstations in the AMT computer lab.

Bill applied for and received \$16,000 from the Gene Haas Foundation Scholarship Program on Oct. 1, 2024. SRJC is now awarding \$500 – \$1000 scholarships to students in the AMT program. Last year the program was awarded \$12,500 in scholarship funds for students.

Bill plans to arrange an in-person tour of the SRJC shop for committee members.

AMT is currently interviewing for new associate faculty.

**Meeting closed at 1:00pm**