

21WW14 Machine shop meeting notes 03/27/2021

Saturday, March 27, 2021 7:37 PM

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In-Person Attendees:

Tim Bene		Chaten Raj		
Charlie Procter				
Paul Morley				
Bob Karnaugh		Randy Lisbona		
Jason Ottwell		Thomas Fagan		
Jason Hunt		David Kessinger		
Jim Krater		Craig Fletcher		
Julio Iglesias				

On-Call Attendees:

Chris Marlow		Malcom		Rich Myer
Art Givens		Nick Silva		David Kessinger
Paul Morley				

Action Items:

- (Thomas,04/18/2021) Shapeoko - Finish the Shapeoko enclosure
- (Tim) Setup Paypal barcode for money to get put directly into the machine shop account
- (Tim) Drop a line to Mastercam about a license for the space

Discussions:

- Request for PIG Sig representative
 - Chaten Raj volunteered
 - Thomas to solicit pig sig on leader on talk

- What are the goals for the PIG
 - Machining area for plastics
 - Thermoformer
 - Acrylic bending

PIG Funding is routed through the Machine Shop

- Shapeoko
 - Enclosure

Thomas' efforts on the enclosure has been 1/2 assed

Thomas has found a good source of 8020 locally

Need to setup account with them or figure out if we can do counter sales with the DMS card

Thomas committing to finish the enclosure by 04/18/2021, assuming materials are availability

Classes

Discussion on the software

Carbide3d

Concern on getting a spare router

Nick mentioned the routers go out often; esp when some runs are 6-8hr runs. Plan for 2-3 going out per year

Proposed rule for for the entire machine shop that the operator can't leave a running machine

Conversation was raised during Shapeoko bring-up discussion

Proposed class for bending plastics using the heating element

Proposed solvent identification by aroma class

Vote on purchasing a Shark independent 4 Jaw chuck, Not to Exceed \$500

6 in-person voted for the purchase

3 online voted for the purchase

1 abstained

1 against

3 no votes

14 total voters

Thomas will commit to looking for it on the pallet after the Meeting on 03/27/21

~~Tim found a used Cushman 4-jaw on ebay for \$350~~

Machine shop was victim of an accounting error, Status 03/28/21 - Charlie is reminding the accounting group that the error hasn't been corrected

- o It accidentally took the stipend out instead of adding it in

Tim is working on getting new drill bits

CNC Sherline - Max trained Bob or demonstrated to Bob operation 2 weeks ago

Sherline lighting

2 lights are in-place

Do the people like them

HAAS

UV light is no longer working

They don't currently sell the bulbs for the one we have

What is the expansion team's plan for when they are putting up the walls for the blacksmithing area

We need to make sure the they are working to contain their drywall dust.....it will be murder on our machine ways

Proposal for a committee work day on the 4th

Build our wall

Next month is the semi-annual election for the machine shop chairs

Julio brought-up a question regarding when we will have another HAAS class

The committee needs to get together to determine a plan for the future on Solidworks vs Fusion

Fusion disabled the rapids

Tim dropped a line to Mastercam

Malcom wants the space to get a Mastercam license, an old version that resides with the HAAS and allows us to be CAD agnostic