



**Mountain Desert Economic Partnership**  
Regional Education and Economic Development

**Team 4 Meeting Minutes**  
**November 17, 2020**  
**1:30 p.m. - 3:00 p.m.**

<b>In Attendance:</b>	
Matt Wells, MDCP JPA	Denise Pasley, Barstow CC
Kendle Crowell, MDCP JPA	Melissa Howlett, Melissa Howlett, SB County Workforce Development/AJCC
Andy Page, MDCP JPA	Christina Behringer, Snowline JUSD
Jessica Swift, MDCP JPA	Tom Hoegerman, Co-Chair
Carrie O’Neal, MDCP JPA	Carol Tsushima, Alliance for Education
Lilia Aguirre, Victor Valley	Jessica Bails, PG&E
Kellie Williams, Snowline JUSD	

<b>Next Steps/Tasks:</b>	
1. Collect names for subcommittee and schedule date	Kendle/Matt
2. Gather existing application based curriculum from K12 to postsecondary and bring back to the subcommittee group	Carrie/Jessica

**1. Welcome and Introductions**

The meeting was called to order at 1:30 p.m.

**2. Review All Team’s Progress and Identify Interconnections**

Team 1: Innovation, Incubation, and Training

- Received GIA Award entrepreneurship grant
- Next virtual innovation dialogue this Thursday
- Barstow CC still working on building a space for the innovation center on their campus

Team 2: Four Year Degree Access

- Sending out value proposition to relevant stakeholders
- Will be building a marketing strategy for value proposition and future work of the team
- Would like to include Team 1 to attract innovation contacts and visit the Innovation Village at Cal Poly Pomona
- The February meeting will be a presentation to new stakeholders including new elected officials and large industry partners at SCLA.

### Team 3: Tiered Economic Opportunity

- Local mechatronics video has been created
- What is the next industry sector to plug and play the Mechatronics model?
- Brainstorming how to get more industry involvement

### 3. **Team 4: Essential Skills Update**

#### a. Essential Skills Best Practices from Schools - On Hold

Due to COVID closures and the many complications that schools are having to deal with, we are putting this task on the backburner.

#### b. Cross Sector Foundational Skills

The concept behind this goal is to build a generalized list of sector specific skills. To go into a generalized field (manufacturing, construction, etc.) what is the set of absolute basics that every student ought to have mastered and what language do they need to understand to be successful in those jobs? Technical literacy skills, base vocabulary

- Christina shared that we need more input from industry to establish what these skills are for the different sectors.
- Jessica commented that they need skills like construction, angles, CAD, measuring PSI, measurement conversions, calculating square footage, estimating supplies and materials, etc.
  - PG&E contractors are required to have certain certifications already upon getting hired (HAZWOPER - in person testing required, the closest testing place us in Ontario and it is an expensive cert, OSHA), but they don't have an entrance exam for new employees to test against the skills mentioned above. It is assumed that most employees have these skills ahead of time.
  - Tom asked what are more assumptions of things that industry would like their employees to know? This may be a good place to start because we want employers to be happy with the product being produced.
- Carol commented that some resources may exist in K12, but it depends on the way pathways have been built. Concepts versus context are different ways of approaching this kind of curriculum. There are courses like Construction Math that exist which ensure that students understand how the math concepts they learn relate to what they need to know at a job site. But this depends on teachers teaching the CTE courses and if there are relationships between them and the general education teachers. Sometimes concepts are hard to grasp if a student doesn't understand the context or isn't interested in the application.
- Jessica added that this is a relevant need in the eyes of industry partners.
- How do we ensure we serve *all* of our students, not just ones in CTE?
- This needs to be systemic, so will it be the CTE teacher's responsibility, the math teacher's responsibility, both? How do we ensure that all teachers speak the same languages to ensure students are hearing the same things in all classes. They need the coaching and understanding by reinforcement of these foundational skills.
- Establishing academic versus practical language and having *everyone* adopt that is a huge thing to tackle, so where do we start?
  - We need to look at the segments of industry that MDEP is serving and start with the ones that have already been defined (like Mechatronics, medical, manufacturing, automotive, aviation, business, etc.) as a high priority in our region
  - First step is establishing what industry needs and the language they use and then backwards mapping from post secondary down to K12.
    1. Recruit industry reps from sectors identified (**Construction Trades/Utilities**)

- Reach out to schools that already have programs in applied areas (like Mechatronics Math at Chaparral HS, etc.) and review that coursework. VVC and BCC also have courses related to applied math or other areas, as do some universities.

<https://hs-articulation.ucop.edu/agcourselist/results;searchType=1;query=Construction%20math>

***MDCP Curriculum Specialists will look into this and bring back to the subcommittee group***

- Subcommittee(s)  
Subcommittee meeting will be scheduled in December to review skillset samples from applied courses at the postsecondary level and delve deeper into what industry partners need. Anyone interested in being on the subcommittee was asked to let Matt/Kendle know.

Members:

- Tom Hoegerman
- Jessica Bails
- Southwest Carpenters Union rep (***Matt will invite***)
- Lilia Aguirre

**a) Next Steps**

- 1) Collect names for subcommittee and schedule date
- 2) MDCP Curriculum Specialists will gather existing application based curriculum from K12 to postsecondary and bring back to the subcommittee group

**4. *monday.com***

- a. Completed/Outstanding Tasks
- b. Assign New Tasks
- c. Set Timelines

**5. *Next Meeting: December 15, 2020***