Mountain Desert Economic Partnership
Regional Education and Economic Development

<table>
<tr><td><u>**MDEP Team Agendas**</u>
Tuesday, June 15, 2021
Team 2: 10:00am-11:30am
Team 1: 12:00pm-1:30pm
~~**Team 4: 1:30-3:00pm**~~
Team 3: 3:30pm-5:00pm</td><td><u>**Meeting Location:**</u>
Zoom
Email mdep@mdcareerpathways.com for meeting details if you don't have a calendar invite.</td></tr>
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Agenda Items/ Notes	Speaker(s)
● Welcome and Introductions	Matt Wells/Chairs
● 2021/22 MDEP Calendar plans	Matt Wells
● Review of the day's MDEP work	Matt Wells
● Team-Specific Agendas	

Attendees:
● **Matt Wells**
● **Carrie O'Neal**
● **Andy Page**
● **Jessica Swift**
● **Thomas Hallin**
● **Christina Behringer**
● **Lisa Kiplinger Kennedy**
● **Eva Bagg**
   a. **Team 1: Innovation, Incubation, and Training**
     i. Tactical Plan Review
       1. **Vision:** Realize a network/system/center that provides the technical, academic, and innovation skills to enable students to meet the needs of local industry.
       2. **Strategy:** Engage the entire community to identify and prioritize the skills and opportunities and create the conditions necessary for student success in the workforce.
       3. **Short Term Outcomes:**
         a. 1 co-funded NextGen coworking space exists in the region
         b. Build incubation structure (mentoring, funding, resources, etc.) to support space
       4. **Mid-Term Outcomes:**
         a. X% increase on entrepreneurial/innovative businesses
	Eva Bagg
	Thomas Hallin

engaged in the network with potential to create jobs

    b. Establish ecosystem of entrepreneurs (established and new companies)

   5. Long-Term Outcome:

    a. Adaptive, future-ready students

   6. Discussion:

    a. Short Term Outcomes: Waiting to secure a location in Barstow. Lisa is waiting for the location in Victorville as well, waiting for SWP round 6 money to use. Waiting for the list to be able to show data types of existing

    b. Mid-Term Outcomes: Eva would like to build out and tracking new business to let people know when are here to help. Thomas said that we have access to the data by zip code.

    c. Long-Term Outcomes:

    d. Links of student work:

      i. https://arcg.is/PqrGH

      ii. https://arcg.is/Xvnj5

      iii. https://sbvcgis.maps.arcgis.com/apps/instant/nearby/index.html?appid=a6d4d0c1f0c240b78087af1fccdac623

ii. Team Tasks Review on Monday.com

iii. Typeform to recruit business participation

   1. Starting panels up again in August with early startups. Looking for one more speaker for August meeting.

iv. Creative Confidence Grant/GIA update

   1. Eva shared the data will be out in a few weeks and be able to use it with students in the fall.

   2. Working on developing a handbook to use with students. Also developing the activities for students and mentors.

   3. Will have a highlight of the program in May with a student competition.

   4. Starting with a group of 30 students this year and will increase nest year.

v. Innovation Center updates

   1. Nothing new to report

vi. Mentors - identify individuals willing to be mentors, establish a committee to design & conduct this work (National Mentoring Research Partnership)

   1. Would love to get more mentors after the development of what their expectations of the mentors are.

vii. eNetIE.com use and integration

   1. The website is up and is adding to it

   2. There is a job opportunity on the website

   3. If anyone has anything that would like to add to it, please let Lisa know.

viii. Assignment/Tasks review for work to be conducted prior to next meeting

   1. Next meeting in July

   2. Tasks:

    a. Lisa will get an update on the status of the maps within our region

      i. GIS Mapping Project, so far we are looking at

questions such as:
 	
    ii. Where is the nearest community college with the same pathway as I am taking at my high school?
    iii. Where are the nearest employers that hire people with my certification?
    iv. Where are the places where no one is providing a service in my pathway to meet local demand?
    v. Which programs are the most popular?
    vi. Which programs are needed but not offered?
    vii. Which programs are offered too close together leaving gaps in coverage?
  b. Andy will share out the list of local employers in the region.
  c. Andy will show Chmura at the next meeting to see what data can be pulled.
  d. Create a sub-committee to review data	

Attendees:
● **Matt Wells**
● **Carrie O'Neal**
● **Andy Page**
● **Jessica Swift**
● **Dave Olney**
● **Todd Scott, VVC Vice President**
● **McKenzie Tarango**
● **Dillon Lesovsky, Rep for Assemblyman "Smitty"**
● **Jerry Kaufer**
● **Lori Mente**
 	
  b. **Team 2: 4-year Degree Access**
    i. Tactical plan review
      1. Move this topic to August
    ii. Preparation for CSUSB meeting
      1. Assemblyman Smith will focus on efforts to bridge the relationship between MDEP and CSUSB
      2. Matt will do a brief overview of what MDEP is.
      3. Dave and Ron will go over the 4 Year Value Proposition, impacted programs, available instructors to support programs, etc.
      4. Open discussion format, no slides
    iii. Value proposition data update discussion
      1. Move this topic to August
    iv. Assignment/Tasks review for work to be conducted prior to next meeting
      1. Move this topic to August
  c. Additional Discussion During Meeting
    i. Todd Scott - info on VVC Partnership w/CSUSB
      1. Reverse transfer program - VVC transfer students at CSUSB - VVC will have view access of transfer students and be able to award VVC AS/BS degrees based on courses taken at CSUSB
      2. High school - VVC - CSUSB pathway map is something that can benefit the area. (Rams to Coyotes pathway)
	Dave Olney
	Ron Williams

3. CSUSB impacted programs: Criminal Justice, Nursing, Psychology, Social Work, Kinesiology-Allied Health
4. Can a Mountain Desert Promise be established with BCC, VVC, and CSUSB?
    ii. Dillon Levosky - upcoming projects
       1. St. Mary's moving due to earthquake requirements. By 2026 St. Mary's plans to open in partnership with the new Kaiser facility in the high desert. The old facility in AV could become part of VVC nursing program.	

Attendees:
    ● **Matt Wells**
    ● **Carrie O'Neal**
    ● **Andy Page**
    ● **Jessica Swift**
    ● **Ryan Holman**
    ● **Jeff Dunagan**
    ● **Chad Brooks**
    ● **Frank Castanos**
    ● **Mckenzie Tarango**
    ● **Frank Pugliese**
 	
    a. **Team 3: Tiered Economic Opportunity**
      i. **Tactical Plan Review**: *Matt reviewed Steering Committee Slides that describe the tactical plans for each team. (see slides).*
      Community Profile: *Labor Market is accomplished but needs more info on the industry.*
      Focus Groups*: Not complete and change it to quarterly (or 3 times a year) inviting CTE educators and industry. Can MDCP be leveraged? Bringing it up at Teacher Collaboration may be a good place to introduce the topic. Question: What is the main sector for Mechatronics? Has not been decided yet, but engineering and manufacturing seem to be where most of the standards may fit.*
      Question, are we talking about starting a mechatronics program or discussing talking with instructors about the skillsets they are teaching that could be mechatronics? The Engineering Standards were shared.
      Task*: **Jeff will review standards.***
      Student Currently employed in focus sector: *Matt asked for ideas of how to do this. Jeff suggested tracking cohorts of students. Other suggestions were surveying students. A discussion followed and the group decided we are not there yet. The thought was to change the outcome of this one and take out of short-term outcomes and insert into Mid-term outcomes.*
 	
      Survey for needed skills: *Completed*
 	
      Matt reviewed the short-term, mid-term, and long-term metrics. Metrics to be discussed at the next meeting.
 	
      ii. **Debrief of June 7 roundtable discussion**
        1. **Interested programs**: *Jeff met with Sheri Osterberg. and Randy Locke along with their CTE Coordinators to discuss their interest in including Mechatronics into their curriculum. Would like MDEPs assistance. The goal was to figure out what they are already teaching and enhance their programs instead of re-inventing their programs. Team 3 assistance in how to build*
	Ryan Holman
	Jeff Dunagan

out their programs and how to get their programs articulated and how to market and recruit students. Some concerns were the level of skills needed and the student's capacity to learn these skills.

Task: **Set up a subgroup to assist instructors with the alignment of their Programs. MDCP will help coordinate this.**
Question, *is there something specific needed from VVC? Articulation would be a start. Clarification on the definition of articulation is needed.*

Task: Frank will get McKenzie a list of classes that may fall under mechatronics and McKenzie will send it to Matt.

It was suggested to make sure the tops codes match a CTE Program.

Frank Castanos put the following list of courses regarding Mechatronics in chat:

DC Circuit Theory & Analysis
AC Circuit Theory & Analysis
Ind. Process Control
Ind. Controls
Hydraulics & Pneumatics
Blueprint & CAD
Ind. Motor Control
Ind. Machine Wiring
Microprocessor Principles
Programming Concepts (C++)
Industrial Robotics
Sensor & Vision Systems
Mech./Mfg. Systems

Question – is there a certificate program? Frank stated there is a certificate, but no order the classes have to be taken in. Suggested looking at what classes at the high school level align with which classes at the college.

Task: Frank will forward or ask Eileen to forward Mechatronics flyer.

iii. **Recruitment support for HS Mechatronics programs:** The ask is assisting instructors to build excitement over their programs. Jeff asked for suggestions. Question will field trips happen in fall or spring. The consensus was that spring is more likely. Is it a possibility of doing a Saturday Event for the Road Show? MDCP will be researching some created ideas for WBL over the summer. Industry/Web chats will continue.   **i.**
Task: **Bring back ideas for a Road Show and webchat events**

Task: We know the occupations and we have a Road map, Labor Market Data regarding which Employers are hiring specifically looking at Mechatronics (align with team 1). Maybe future work.

iv. **Roadshow planning for 2021/22 school year**
Continue workaround recently crafted 6-prong focus. The team will focus on those in bold below for this meeting.
   2. *Mechatronics Skill Sets – Set up a working group to review existing mechatronics programs such as Ignite or SACA and find out what classes they are teaching and what skills sets are*

most commonly taught and what certifications are being offered.
 	
   3. *Related Programs – Create a list of CTE programs that are currently being taught that would be able to utilize the various classes that were found from the above research.*
 	
   4. *Marketing – Develop a marketing plan utilizing the graphics and videos created to advertise what mechatronics is to those various teachers/programs and potential schools/districts.*
 	
   5. *Adoption – Ask the various programs if they are interested in what they have learned through our marketing and see what they would be willing/able to adapt into their programs.*
 	
   6. *Assistance – Work with the programs that are willing to participate to help them execute. This will help us learn what works and does not work then we can advertise those programs*
 	
   7. *Employer Pipeline – Develop a marketing strategy for the program to advertise it to local employers. This would feed into the micro-internship program, could lead to an apprenticeship program, and so forth.*
 	
  iii. Micro Internships - *project delayed until fall*
  iv. Assignment/Tasks review for work to be conducted prior to next meeting	

b. Team 4: Essential skills *No June 2021 meeting.*	Tom Hoegerman Trenae Nelson
Next Meetings: July 20, 2021	