

DGI Central Sub-Regional Career Pathways Notes – 9-16-15

District	Current Status/	Future Needs/Wants/Other
Benicia	ICT <ul style="list-style-type: none"> • Digital Media – One course articulated with DVC and Solano Colleges • Intro to Computer Science (9th gr. 1 semester – not in pathway (yet) • Considering developing Intro to Graphic Design • Possibly add AP next year (subject?) • Participating in Code.org grant 	<ul style="list-style-type: none"> • Articulation workshop • Network with other ICT teachers • Pathway promotion activities to incentivize completion and participation • Industry involvement
John Swett	Engineering and Adv. Manufacturing <ul style="list-style-type: none"> • CAD – articulated with DVC & A-G approved • Machining I – articulation in progress with DVC • Electrical Engineering (A-G and honors approved) ICT <ul style="list-style-type: none"> • Digital Media needs articulation • CIS – office apps-MS certification needed; possible to partner with Martinez adult ed. Possible to articulate with DVC 	<ul style="list-style-type: none"> • Need dual enrollment • Need Intro to Engineering course • Need testing center certification (Martinez AE) • Need articulation (DigiMedia/Machining) <p>JS has strong industry partners (15)</p>
San Ramon Valley	ICT <ul style="list-style-type: none"> • Programming course is AP, A-G approved and articulated to DVC Health <ul style="list-style-type: none"> • Sports Med and Adv. Sports Med • Bioscience Engineering <ul style="list-style-type: none"> • PLTW • Architectural Design/CAD – A-G, articulated w/DVC • Robotics/Electrical Engineering 	<ul style="list-style-type: none"> • Need digital media course program to join the ICT pathway • Need articulation for Sports Medicine • Need hinge course for Health and Bioscience • Need articulation for PLTW • Need pathway development; robotics/engineering
Mt. Diablo	ICT <ul style="list-style-type: none"> • Digital media – articulated w/DVC and A-G approved • Interactive Design – 3 year pathway, not aligned with articulated programs • Computer science - elementary program Engineering <ul style="list-style-type: none"> • PLTW 	<ul style="list-style-type: none"> • Needs alignment (interactive design) • Interest in game design (more digiMedia pathway) • Same issue with articulation for PLTW

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	Health <ul style="list-style-type: none"> • Biotechnology – need to articulate with CCC and/or Solano • Sports Med 	<ul style="list-style-type: none"> • Needs articulation for all health and bioscience
Martinez	ICT <ul style="list-style-type: none"> • AP Computer Science – A-G approved • Digital Media Arts 1 and 2 – A-G Engineering <ul style="list-style-type: none"> • CAD – articulated with DVC, A-G • Adv. Architectural Design – A-G • CAD ROP • Construction Technology – articulated with DVC Health <ul style="list-style-type: none"> • Medical Biology • Medical Chemistry – using HASPI curriculum 	<ul style="list-style-type: none"> • Needs articulation and pathway development • Intro to Computer Science • Need articulation • Need articulation (check to see if it is A-G) • Need pathway development • Need pathway development of capstone course • Need articulation for both courses
Solano Community College	<ul style="list-style-type: none"> • Connect with CCC on health hinge course • Summer camps (6-10) • Biotech hinge course with HS • Has accelerated employment program for biotech 	
Global Issues	<ul style="list-style-type: none"> • Sub regional advisory committees by industry sector • Career fairs by industry sector • Need for credentialed faculty/teachers to teach CTE classes • List of industry credentials (SB1070) – what and who • Support/outreach to Alternative Ed. Students • UC transferability • Pathway marketing – incentivization • Desire for distribution list of participants by group • Articulated courses are easily set up for dual enrollment – need a process 	

Membership – Who else should be included?

- Community members
- Articulation officers
- Students
- Politicians
- Middle school representatives
- Student services personnel
- Workforce development board
- Alternative education representatives
- ROP
- County Office
- WIB Coordinator

What else? Big Picture:

- CC involvement in develop of LCAP – common core outcomes of college and career readiness can be met by pathway programs
- Need to raise issues to leadership (Presidents and Superintendents) when POLICY issues interfere with pathway development/effectiveness

Next steps:

- Convene five “industry sector” groups (Digital Media, Computer Science, Engineering, Advanced Manufacturing, and Health/Bioscience) of CC Faculty and HS teachers to norm HS curriculum, assess transition to “hinge class” at CC, plan dissemination of class sequence across sub-region
- Connect with Don Daves-Rougeaux to develop document/presentation to explain relationship between AP, UCCI, A-G, etc. Convene counselors to continue Student Services work
- Survey HS teachers currently teaching classes articulated with CC to determine if they have the minimum qualifications required to teach at CC. These classes could be models for dual enrollment
- Survey current list of “industry credentials” offered by HS and CC in sub-region. Assess credentials for applicability to employment opportunities
- Assign WBL contractor to survey HS and CC to compile a list of active Industry Advisory groups including membership and activity. This is a necessary first step in possible development of sub-regional advisory groups.

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- Begin planning next sub-regional meeting – December 7, 2015 from 9:00 – noon at Martinez Unified School District Offices.

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