

# CTE Advisory Technical Skills Committee Meeting Minutes

## March 3, 2016

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### Call to Order

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Meeting was called to order at 4:32pm by Jim Meyers, CTE Coordinator.

### Attendees

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John Endter	DCSD – IT	jendter@dcsd.k12.nv.us
Roger Cramer	DCSD – PDC	rcramer@dcsd.k12.nv.us
Lisa Granahan	Douglas County Economic Vitality	lgranahan@douglasnv.us
Crespin Esquivel	Principal - Whittell High School	cesquive@dcsd.k12.nv.us
Madeline Cronk	Science/Technology – GWHS	mcronk@dcsd.k12.nv.us
Cade Baligad	Automotive Technology – DHS	cbaligad@dcsd.k12.nv.us
Kerry Stack	Culinary Arts – DHS	kstack@dcsd.k12.nv.us
Susan Van Doren	Computer Science – GWHS	svandore@dcsd.k12.nv.us
Georgia White	Director of CTE – WNC	georgia.white@wnc.edu
Tom Dallaire	Town of Gardnerville	tdallaire@douglasnv.us
Doris Hoskin	Agriculture – DHS	n/a
Rommy Cronin	DCSD – Education Services	rcronin@dcsd.k12.nv.us
Brandon Swain	DCSD – Director Educational Services	bswain@dcsd.k12.nv.us
Jim Meyers	DCSD – CTE Coordinator	jmeyers@dcsd.k12.nv.us
Marty Swisher	Principal – Douglas High School	mswisher@dcsd.k12.nv.us
Dave Pyle	Asst. Principal – Douglas High School	dpyle@dcsd.k12.nv.us
Lori Korzeniewski	Biomedical Science – DHS	lkorzeniewski@dcsd.k12.nv.us
Woody Worthington	Bently Ranch Farm Bureau	woody@bentlyranch.com
Teri Jamin	DCSD School Board	booklover83153@aol.com
Rita Borselli	Graphic Design – Douglas High School	rborselli@dcsd.k12.nv.us

### Adoption of Agenda

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- It was agreed upon by the group that the agenda would be taken out of order. No action taken.

### Minutes from December 10, 2015

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- Meeting minutes from the December 10, 2015 meeting were to be discussed at this time. However, due to a clerical error, the meeting minutes presented to the committee are incorrect. No vote was taken but it was recommended by Cade Baligad and Doris Hoskin to table this part of the meeting to the May 19, 2016 meeting. The recommendation will be followed and the correct meeting minutes for December 10, 2015 shall be reviewed at that time. Doris Hoskin recommended that a draft of the meeting minutes be made available upon request.
- Jim Meyers requested to add an item to the agenda; that being the discussion of the Web Design and Development program of study. It was determined by the committee that it could not be added but it could be discussed under Public Comment. It was agreed that the discussion of the Web Design and Development program of study would take place during Public Comment.

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### CTE Quality Program Standards Review Pilot Program

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- Jim Meyers provided an overview of the Quality Program Standards Review Pilot Program on Thursday, March 17, 2016. This is a new tool that the state is using to evaluate CTE programs at each district. They will be looking to identify areas of weakness within the programs and work towards strengthening those areas. Douglas High School's Agriculture, Photography, and Graphic Design classes will be participating in this pilot. A Program Self-Assessment had to be completed by each of the three programs prior to the state visit. The visit will consist of interviewing the CTE District administrators, site administration, counseling department and teachers of the three programs involved. This is an opportunity to discover the areas we need to work on and those areas that we excel in. Mr. Meyers stated that the review will go live and all CTE program at both DHS and Whittell High School will be involved.

### Tour of PLTW Engineering Program of Study

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- Lori Korzeniewski - Biomedical Science
  - Teaches Introduction to Biomedical Science (BMS) (100 students) and Human Body Systems (HBS), will be going to training for L3 Medical Interventions this summer.
  - (BMS) Currently working on Heart Unit:
    - Heart Rate, Blood Pressure
    - EKGs – Cade Baligad volunteered to have his heart rate checked!
    - Heart Dissection
  - Next unit will be on Infections
  - (HMS) Explained the Anatomy in Clay MANequins and how they are used to display the different parts of the human body.
  - Lisa Granahan asked if guest speakers or people from industry come in and speak to the students. Lori said that she has guest speakers in frequently to discuss career paths in medical science.
  - Lori spoke of adding the L3 Medical Intervention class and the projected class sizes.
- Jared Hyatt – Computer Integrated Manufacturing (CIM)
  - Teaches Welding Technology and L3 Computer Integrated Manufacturing
  - Walked into Jared's classroom and there were three 3D printers and a 3D scanner set-up for display.
  - Went out into the shop to watch a demonstration of the Hass Mini Mill, a CNC milling machine that will cut metal parts using X, Y, Z coordinate entries to create the parts.
  - Jared explained that he has already been in contact with several local manufacturing companies to create prototype parts for different applications.
  - Jared explained that he has allowed several of his students to put the machine into action by setting up the controls and programming operations.
  - Started with 2 students this year, but said that there has been a lot of interest from students in his Welding Technology classes to enroll into CIM next year.

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### Discussion for CTE/PLTW Program Development / Improvement for FY17

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- Information was presented regarding future CTE / PLTW program development at Douglas High School and George Whittell High School.
- Jim Meyers met with Marty Swisher regarding the direction that he wants to go with program development at DHS. According to Marty Swisher, Douglas High School will be adding the following courses for the 2016-2017 school year:
  - Computer Science will be added as L3 (optional) course to PLTW Engineering pathway. This class can also serve as an L1 class for the Computer Science pathway.
    - Rommy Cronin added that the state has not yet approved PLTW Computer Science because the program is still a pilot program and the PLTW standards are still being reviewed to match the NV CTE Standards. The benefit of adding the L3 Computer Science course is that it is aligned with the AP Computer Science curriculum.
    - Brandon Swain mentioned that the district is trying to be mindful of all of the options that are available to students.
    - Teri Jamin asked if there are other options available as L3 courses for engineering. Jim Meyers provided information that if we provide too many options in one pathway, then we run the risk of taking away from one program in favor of another and having invested a great deal in the first program.
  - CTE Business Management (Introduction to Business and Marketing) – this is a new course and a new program of study for DHS for the 2016-2017 school year.
    - Doris Hoskin asked if there could be some research to check and see how the Agriculture business courses could align with the Introduction to Business and Marketing course.
  - PLTW Biomedical Science – adding Medical Interventions (L3) for 2016-2017.
- Crespin Esquivel provided information that George Whittell High School will be adding:
  - PLTW Biomedical Science, and
    - Madeline Cronk said that there are 6 students, 2 will be enrolled in PLTW next year,
  - Computer Science (possibly AP Computer science).
    - Susan Van Doren said that there are 22 students (9 of which are girls) and will be receiving PLTW training (14 have A's at this time)
    - Hoping to add PLTW Gateway for their middle school students next year or shortly after.
  - Crespin stated that the students are very excited to be getting these opportunities!
- Rommy Cronin added that the valley middle schools will be implementing the PLTW Gateway curriculum for next fall. Brandon Swain also stated that this will allow the students to actually create a true career pathway starting at the middle school level.
- Lisa Granahan asked for clarification about the Gateway program. Rommy and Brandon provided confirmation and the types of courses the students could take.

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### Next Meeting Date and Time

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- Thursday, May 19, 2016 @ 4:30pm – DHS – STEM Center – Room 706

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### Public Comment

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- Jim Meyers started to discuss the status of the Web Design and Development (WDD) program of study. Marty swisher has advised that the WDD program will remain where it is at this time due to the focus on Computer Science.
  - Doris Hoskin invited everyone to attend the state FFA Convention from March 22-26, 2016.
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### Close of Meeting

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Call to adjourn the meeting: Doris Hoskin moved to adjourn the meeting, second by Cade Baligad. Motion approved. Meeting adjourned at 6:03pm.