

Minutes of the Seattle/Shoreline Skills Center Study meeting for Seattle Public Schools held January 5, 2007, 1:00-4:00pm in Room 2276 at the John Stanford Center for Educational Excellence.

Those present:

- Ms. Cecilia Alvarez-Small, CTE WBL Internship Specialist, Seattle Public Schools (SPS)
- Mr. Robert Austin, CTE Specialist, SPS
- Ms. Annette Baker, Senior Analyst, SPS Budget Office
- Mr. Phil Brockman, Principal, Ballard H.S., SPS
- Mr. Tom Coan, Special Education Teaching Consultant, SPS
- Ms. Mary Davison, B,M&IT Instructor, Ballard High School, SPS
- Dr. Donald Felder, Casey Family Programs
- Mr. Dan Fey, Seattle/King County Workforce Development Center
- Mr. Brian Lindquist, CTE/WBL Specialist, SPS
- Mr. Darren Linker, Dept. of Environmental & Occupational Health Sciences, University of Washington
- Mr. Tom Lopp, High Performance Standards, Inc.
- Mr. Louis Martinez, Director of Instruction, SPS
- Ms. Myrna Muto, CTE Career Center Specialist, SPS
- Ms. Bobbie Peterson, Director, CTE, Shoreline School District
- Mr. Roger Shimizu, CTE Specialist, SPS
- Ms. Roxanne Trees, CTE Specialist, SPS
- Mr. Shep Siegel, Manager, CTE, SPS
- Dr. Gary Stauffer, Youth Maritime Training Association (YMTA)

Mr. Siegel began the second Seattle/Shoreline Skills Center Study meeting and introductions were made. A special welcome was made to Dr. Donald Felder, the past Principal of Interagency and now with the Casey Family Programs.

Mr. Siegel stated the purpose of the meeting was to further discuss Technical Education opportunities for all students. He noted that binders of materials had been provided by Mr. Lopp showing Seattle area industries and career fields projected growth out to the next 10 years (2014). These labor industry projections will be used to pick the pathway programs providing for good future, livable wage, and high skill/high growth industries for the new Skills Center.

Mr. Siegel explained there are monies in the study budget for a field trip to a skills center in the region or to a state-of-the-art facility outside of the state of Washington. Mr. Lopp chose New Market skills center in Olympia as the destination; to visit the new BioTech Building and to have lunch with Legislators from the Seattle area to discuss the study and to respond to their questions.

Mr. Siegel announced that there also are monies for an architect to prepare preliminary drawings for the new center.

Mr. Siegel spoke about the schedule and accomplishments for the remaining meetings:

- Next meeting: January 26, 2007
 - Steering committee will discuss pathway courses and “themes” for the study
 - Steering committee will decide means of travel for the field trip

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- Field Trip/meeting: February 9, 2007 or March 2, 2007 (one of the two dates will be chosen for field trip; the other date will be a steering committee meeting).
- Meeting: March 23, 2007
 - Joint meeting with Executive Committee
 - Report ready to present
 - Leadership vote

Mr. Siegel asked that a motion be made to adopt and approve the minutes of the December 12, 2006 Seattle/Shoreline Skills Center Study Meeting. The minutes were approved as written.

Mr. Lopp stated that the labor forecasts (notebook handout) were prepared with Mr. Bill Ollfert of NEVAC (North East King County) who is also conducting a feasibility study for a new skills center. He explained the sharing of information will save effort and money. He proceeded to walk the committee through the handout.

(Excerpt, pages 1-26 taken from the 2006 High Skills High Wages report for King and Snohomish Counties):

- Page 1 – Skills Center Definitions (Current Structure)
- Pages 2-3 – Seattle School Board Vision, Values, Beliefs, Goals and Mission
 - *A similar statement will be needed from Shoreline School District.*
- Page 4 – Seattle Schools Career and Technical Education Policy (adopted 3/15/2006)
 - *A similar statement will be needed from Shoreline School District.*
- Page 5 – King County Profile
 - *Source: Washington State Department of Employment Security*
- Page 6 – Seattle Skills Center Service Area Economic and Labor Market Overview
 - *According to the U.S. Department of Education, the labor forecasts were based on 16 career clusters for a skills center.*
- Page 7 – Demographics for King and Snohomish counties (population, age, race and ethnicity)
- Page 8 – Unemployment; Wages and Income; Hourly Wages
 - *Source: Washington State Department of Employment Security*
- Page 9 – Educational Attainment (of King County residents); Employment; Industry Employment by Age and Gender
- Pages 10-13 – Labor Market Information for the Seattle-Bellevue-Everett Metropolitan Division (King and Snohomish Counties)
- Page 14 – Labor Market Projections
 - *King County's labor force is expected to increase to approx. 1,047,901 by the year 2014 (15.3% increase from 2005 employment).*
 - *The Seattle/Shoreline Skills Center Study plan must be ready for that growth.*
- Pages 15-16 (Figures 4 and 5) – Employment Growth by Career Cluster
- Page 17 – Labor Market Information Conclusion – Focus on:
 - *Occupations that require some to extensive career preparation, a minimum of 11th and 12th grade training to those requiring extensive postsecondary education.*
 - *Beyond the 12th grade to AA degree or Apprenticeship (13th/14th grade)*
 - *Occupations projected to grow at a rate greater than 1.5% per year.*
 - *Occupations with 100 or more projected annual new job openings.*
 - *Suggested Wage = Equal or greater to Minimum Wage times 2 (\$7.93/hr. x 2 = \$15.86/hour).*
- Pages 18-20 – Table 3 (High Demand Occupations by 16 Clusters)
- Pages 21-26 – Sample Questions – Employer/Business Community; Community; Parent Survey; Staff; Student Focus Group
- Page 1 – King County, Washington Labor Market Information by Career Cluster
 - *Prepared by High Performance Standards, Inc.*

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- Page 2 – Clusters Table
 - *Header Rows should read: 2005; Estimate; 2014; Percentage Gained*
- Page 3 – King County 2005-2014 Employment Growth by Career Cluster
 - *Source: WA State Dept. of Employment Security, Workforce Explorer, Nov. 2006*
- Pages 4-29 – King County Labor Market Information by Occupational Career Cluster
- Appendix 1 – King County Labor Market Information by Career Cluster
- Appendix 2 – King County Fastest Growing Occupations by Career Cluster Requiring Some to Extensive Preparation (>1.5% Annual Growth)
- Appendix 3 – Snohomish County labor Market Information by Career Cluster
- Appendix 4 – Snohomish County Fastest Growing Occupations by Career Cluster Requiring Some to Extensive Preparation (>1.5% Annual Growth)

Mr. Lopp stated the steering committee will need to decide on this material to develop a standard for the new center. He suggested five or six clusters be considered for the Seattle/Shoreline Skills Center.

Ms. Trees asked if there were any other career areas out in the community that do not show in the tables. She cited Early Childhood Education and Geriatrics as two areas of new career demand, and that preparatory programs could be offered.

Mr. Fey said there would be a boom in “green building” within the next 20 years. Mr. Lopp warned “not to get too ahead of the curve” and to forecast the programs out to 10 years, but allow for flexibility to accommodate changes in the labor market. Dr. Stauffer added that if the labor market does not support the theme, then the committee must have solid backup study information for the final report.

Mr. Siegel stated he would like to add courses dealing with hydrogen—to bring in visionary ideas for careers. Mr. Martinez listed Biotech, Education and Training, IT and Health Services as the highest demand career areas.

Dr. Stauffer spoke about the need for courses in Marine Biology to deal with the problems of CO² pollution in the marine eco system harming all shellfish. Mr. Siegel noted the Biotech Academy at Ballard H.S. and the Environmental Science Academy at West Seattle are in place at this time.

Ms. Alvarez stated the Math and Science disparity must be addressed.

Dr. Stauffer asked about the teaching staff for the center—Technical or Ph.Ds. Mr. Siegel said CTE could be good for opening more doors for the kids, i.e., Health Occupations to Nursing Career to Doctor or pre-engineering or pre-apprenticeship into Engineer to Architect—good knowledge, good beginnings gained through the skills center.

Mr. Fey stated the committee could cross-reference this work with the work of Mr. Bob Drool of WDC for further information regarding employment demand.

Mr. Martinez asked if there would be duplication of courses offered at the skills center of already-existing programs at the high schools. Mr. Siegel stated the skills center will be a “brick and mortar” building based on the OSPI concept of Exploratory and Preparatory courses. The program will also attend to dropout retrieval helping students to re-enter high school.

Mr. Brockman said the skills center could be an alternative for the WASL, using the CTE Collection of Evidence process to complete their high school graduation requirements.

Mr. Siegel said the existing high school programs with unmet enrollment numbers could be taken from the schools and fed into the skills center. Mr. Lopp said there could be satellite programs at the high schools as long as they meet the standards of the skills center.

Ms. Trees suggested conducting a gap analysis study to find out “what we should doing that we aren’t doing now.” The current SPS programs held at the community colleges fit this model quite well.

Mr. Siegel asked the committee to break out into groups to brainstorm for cluster (pathway) “themes” out to the year 2014 and beyond. He asked the committee to concentrate on the following two questions:

- 1. List current CTE programs/partnerships and location (H.S./quadrant).**
- 2. Create/compose suggested Skills Center themes (given existing programs and labor market data).**

The committee reported their findings.

Bobbie Peterson presented Shoreline’s ideas:

1. Current

Automotive (current)
Automotive YES

Biotech

Culinary Arts

Child Development
Teaching Academy

Animation
Web Design
Video Productions

Marketing/Business Education
(Entertainment Sports Marketing)

Construction

2. Theme Possibilities

Biofuel Technology (Energy Development)

NanoTech – BioInfomatics

Hospitality/Tourism

Management/Administration/Systems/
Services/Para Educator

Entertainment/Film

Green/Eco Tech

Environmental Tech

Health Sciences

Therapeutic/Infomatics/
Support Services/Diagnostic

Ms. Peterson envisions the courses would be taught by certificated staff.

Ms. Muto and Mr. Martinez presented their findings:

1. Current

Info Tech

- Computers
- Gaming
- Animation

Business/Marketing

- Finance
- Marketing
- Graphics
- PR/Advertising

Health Sciences

- Bio Med
- Birth-Death (Healthcare)
- Health Occupations
- CSI

Construction/Trades/Engineering

- Apprenticeships
- Auto

Hospitality/Tourism

- Culinary
- Travel

Hotel/Administration

2. Theme Possibilities

I.T.

- Certificate programs
- Hardware Repair/Troubleshooting
- Network Administration
- Setup/Network/Imaging

Health Care/Sports Medicine/
Trainer

Geriatric Management/Daycare

Environmental Protection Sciences

Construction Trades Foundation

Maritime Associated...to real work

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Mr. Siegel presented his themes:

1. Current

Commercial Graphic Design

Aviation

Health Sciences

2. Theme Possibilities

Animation

Gaming

“Digipen”

Land Transportation

Light Rail Vehicles

Criminal Justice

Fire Science

Mr. Siegel said that it has been found that “the streets are more peaceful if the people [police offices and firefighters] come from where they grew up.”

Ms. Alvarez-Small lead her group:

1. Current

Maritime Academy

HEAL Academy

Global Academy

BioTech Academy

ACE/C-West/CREATE

NAF Academies

Business/Finance/

Entrepreneurship

Criminal Justice/Law

2. Theme Possibilities

Marine Transportation

Health/Environmental “Justice”

Energy

Soils/Grounds Keeping

Genetics

Construction

“Green Industries”

Culinary Arts

Arts “Gap”

Graphics/Computer/Animation

“Gap”

Ms. Alvarez stated that all the themes are tied to Applied Computer Skills.

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Mr. Siegel stated that he and Mr. Lopp will review these lists asking the following questions:

- Do the labor forecasts support the theme?
- Will kids be interested?
- Will we find the teacher talent?

Ms. Peterson offered to forecast the IT programs.

Mr. Siegel stated that Ms. Johnson from the SPS Facilities Department are “listening” to the proposal for a new skills center. He noted another idea for the center as “North/South” with one-fifth of a skills center in four Seattle high schools and one-fifth in a Shoreline high school. This concept would increase access and lessen transportation barriers to the center and save money by remodeling existing high school facilities.

Mr. Coan stated that the Wilson-Pacific Building is a good candidate for the skills center location. The building is located close to Roosevelt H.S. and already draws students from the other high schools. He said the Seattle/Shoreline Skills Center Study will share the results of a survey being conducted by a professional organization for employers in the business community, parents, school administration/staff, and student focus groups in the region. The results of the survey will be presented at the March 2, 2007 steering committee meeting.

Respectfully submitted,

Robyn Redfield
CTE Department